

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016297.D
 Acq On : 21 Aug 2020 11:14
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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MMDadoda
 8/24/2020 4:54:58 PM

Quant Time: Aug 22 06:09:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110595	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.88	113	115984	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.32	98	443959	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.62	95	161554	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	81252	53.549	ug/l	97
3) Chloromethane	2.21	50	79292	49.082	ug/l	96
4) Vinyl Chloride	2.37	62	113419	50.159	ug/l	99
5) Bromomethane	2.78	94	76639	54.511	ug/l	99
6) Chloroethane	2.93	64	67072	52.524	ug/l	98
7) Trichlorofluoromethane	3.26	101	107164	58.541	ug/l	98
8) Diethyl Ether	3.68	74	63833	55.568	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	124368	51.811	ug/l	100
10) Methyl Iodide	4.27	142	193827	55.884	ug/l	98
11) Tert butyl alcohol	5.17	59	33834	292.168	ug/l	98
12) 1,1-Dichloroethene	4.04	96	127948	52.378	ug/l	98
13) Acrolein	3.89	56	46028	275.155	ug/l	100
14) Allyl chloride	4.67	41	170541	52.106	ug/l	96
15) Acrylonitrile	5.37	53	119414	275.879	ug/l	100
16) Acetone	4.12	43	117890	282.823	ug/l	98
17) Carbon Disulfide	4.38	76	368700	51.404	ug/l	99
18) Methyl Acetate	4.67	43	50169	51.685	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	181986	60.503	ug/l	95
20) Methylene Chloride	4.92	84	142041	55.390	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	138756	52.162	ug/l	99
22) Diisopropyl ether	6.31	45	329945	53.474	ug/l	98
23) Vinyl Acetate	6.25	43	982830	278.181	ug/l	99
24) 1,1-Dichloroethane	6.21	63	221799	51.504	ug/l	98
25) 2-Butanone	7.17	43	153020	273.920	ug/l	99
26) 2,2-Dichloropropane	7.17	77	150232	54.005	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	148941	54.244	ug/l	99
28) Bromochloromethane	7.51	49	81493	49.878	ug/l	93
29) Tetrahydrofuran	7.53	42	92070	275.717	ug/l	96
30) Chloroform	7.67	83	231414	51.719	ug/l	97
31) Cyclohexane	7.96	56	196245	49.421	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	202990	53.997	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190205	51.927	ug/l	99
37) Ethyl Acetate	7.25	43	65920	52.489	ug/l	98
38) Carbon Tetrachloride	8.07	117	190951	52.238	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	237908	53.921	ug/l	95
40) Benzene	8.32	78	523385	50.791	ug/l	99
41) Methacrylonitrile	7.48	41	41844	58.380	ug/l	97
42) 1,2-Dichloroethane	8.40	62	142432	52.335	ug/l	99
43) Isopropyl Acetate	8.43	43	128475	54.376	ug/l	98
44) Trichloroethene	9.09	130	150060	51.417	ug/l	98
45) 1,2-Dichloropropane	9.37	63	122665	50.499	ug/l	98
46) Dibromomethane	9.46	93	66984	52.525	ug/l	97
47) Bromodichloromethane	9.65	83	175367	53.225	ug/l	96
48) Methyl methacrylate	9.44	41	60222	54.828	ug/l	95
49) 1,4-Dioxane	9.45	88	17386	1082.684	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	319205	267.117	ug/l	98
52) Toluene	10.39	92	340407	51.588	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	171931	56.357	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	207025	54.601	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	96231	52.590	ug/l	98
56) Ethyl methacrylate	10.65	69	122171	58.547	ug/l	98
57) 1,3-Dichloropropane	10.93	76	163799	52.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	236831	248.929	ug/l	98
59) 2-Hexanone	10.97	43	222040	271.606	ug/l	97
60) Dibromochloromethane	11.13	129	120087	55.167	ug/l	99
61) 1,2-Dibromoethane	11.24	107	95624	54.286	ug/l	99
64) Tetrachloroethene	10.87	164	118580	54.515	ug/l	96
65) Chlorobenzene	11.66	112	365741	53.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135050	56.863	ug/l	97
67) Ethyl Benzene	11.73	91	667504	54.662	ug/l	99
68) m/p-Xylenes	11.84	106	505565	107.711	ug/l	98
69) o-Xylene	12.17	106	234177	56.001	ug/l	98
70) Styrene	12.18	104	408581	56.465	ug/l	99
71) Bromoform	12.35	173	63623	59.857	ug/l #	96
73) Isopropylbenzene	12.46	105	657745	56.026	ug/l	100
74) N-amyl acetate	12.27	43	117375	55.828	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105315	53.611	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	73295m	51.731	ug/l	
77) Bromobenzene	12.75	156	148336	57.125	ug/l	93
78) n-propylbenzene	12.80	91	769263	54.896	ug/l	99
79) 2-Chlorotoluene	12.89	91	439703	54.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	563188	55.884	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34202	57.901	ug/l	97
82) 4-Chlorotoluene	12.99	91	453861	53.857	ug/l	99
83) tert-Butylbenzene	13.21	119	478155	57.892	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	558342	55.988	ug/l	99
85) sec-Butylbenzene	13.38	105	667234	55.583	ug/l	98
86) p-Isopropyltoluene	13.50	119	611641	56.334	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	279192	53.687	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	277132	54.120	ug/l	98
89) n-Butylbenzene	13.82	91	563706	56.121	ug/l	100
90) Hexachloroethane	14.10	117	111397	54.977	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	243250	53.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17101	56.630	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	164133	60.708	ug/l	98
94) Hexachlorobutadiene	15.24	225	93617	58.241	ug/l	97
95) Naphthalene	15.37	128	310036	54.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	141826	61.083	ug/l	98

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

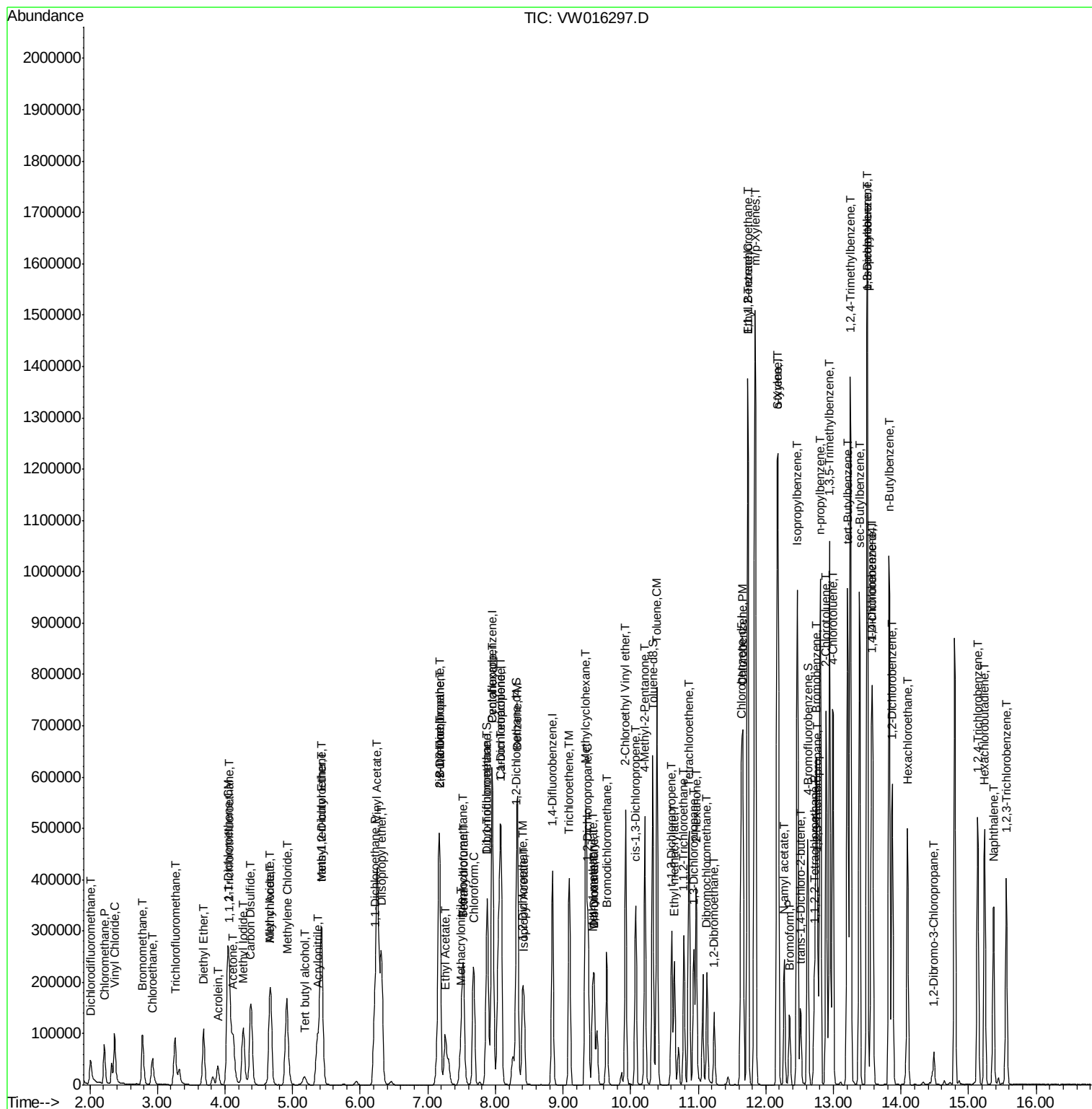
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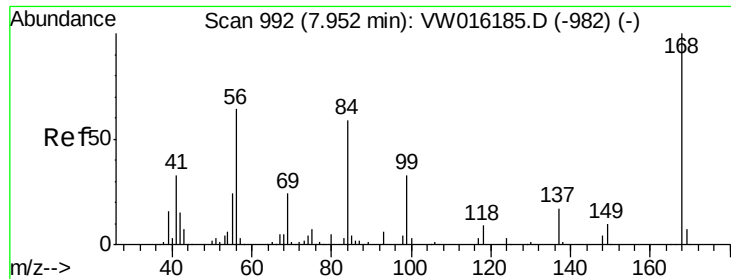
Instrument :
 MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 223123

Ion Ratio Lower Upper

168 100

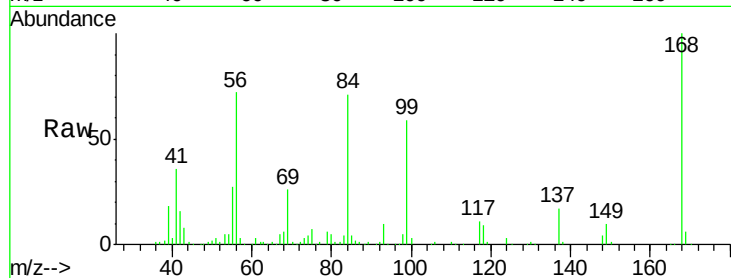
99 58.7 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

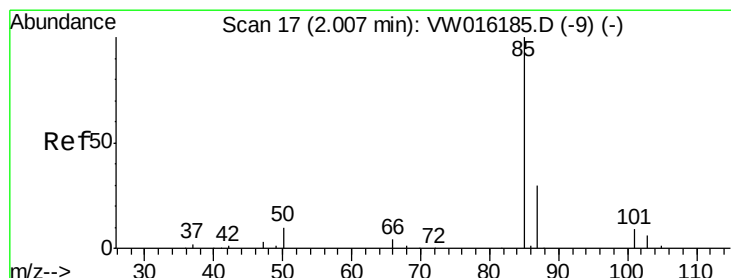
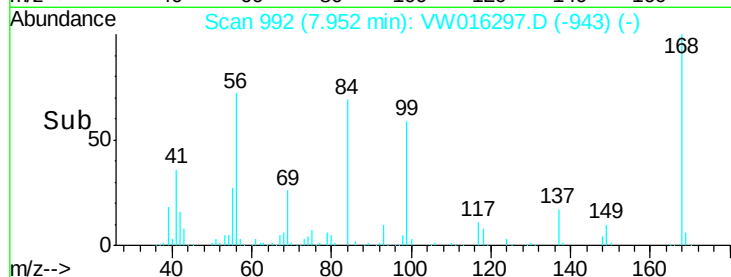
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 53.549 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016297.D

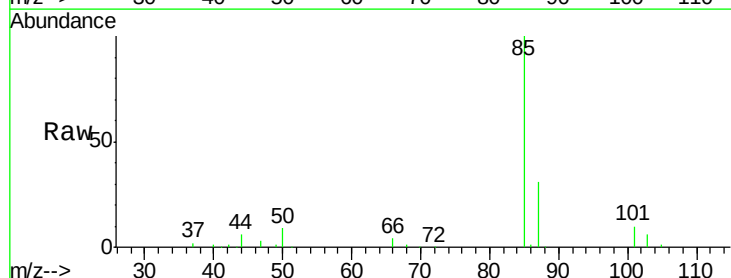
Acq: 21 Aug 2020 11:14

Tgt Ion: 85 Resp: 81252

Ion Ratio Lower Upper

85 100

87 31.2 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

25000

20000

15000

10000

5000

0

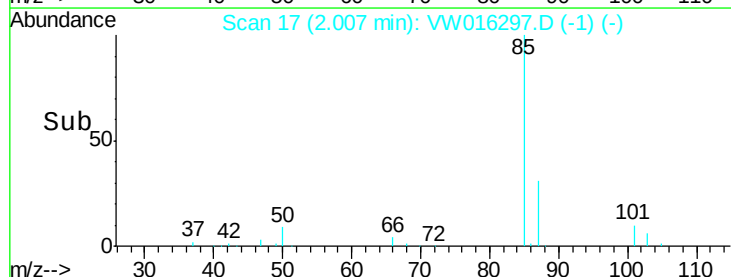
1.90

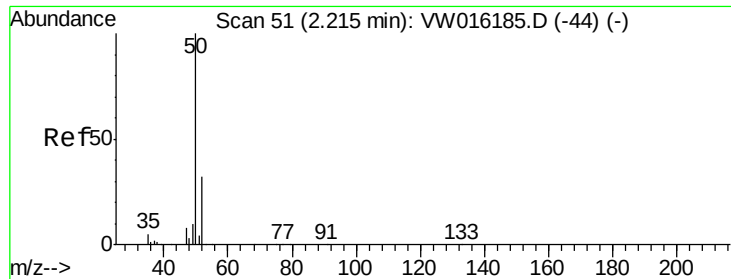
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 49.082 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 79292

Ion Ratio Lower Upper

50 100

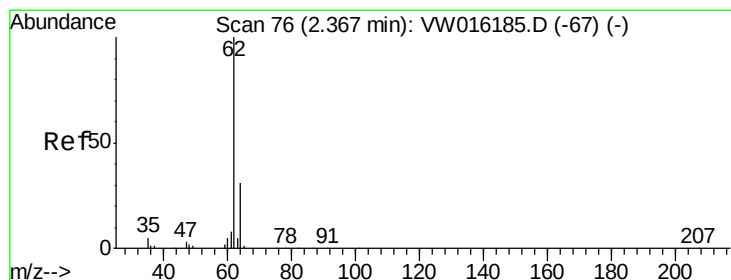
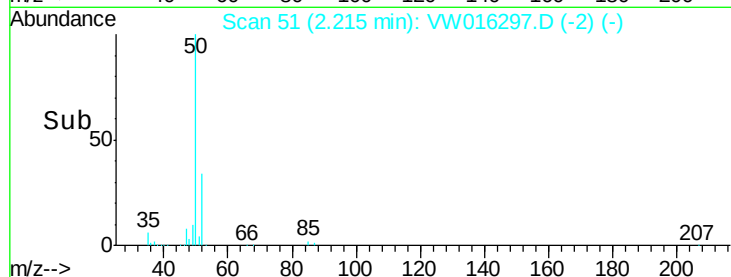
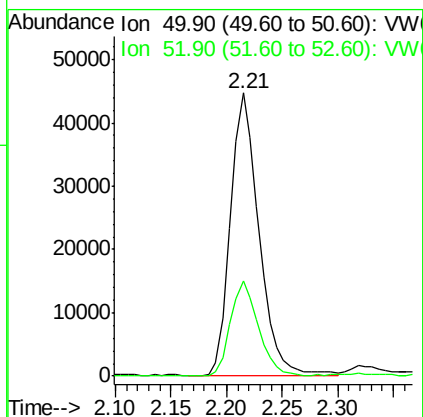
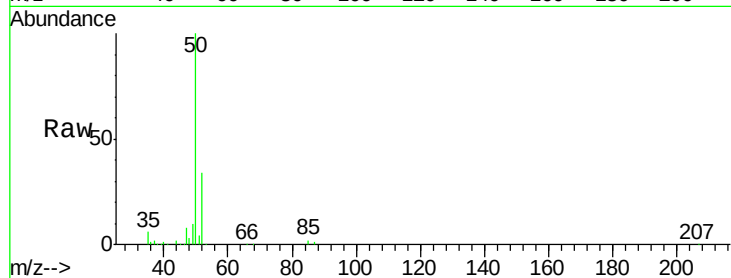
52 33.8 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.159 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016297.D

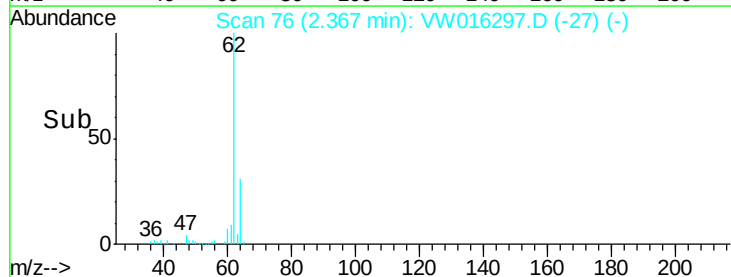
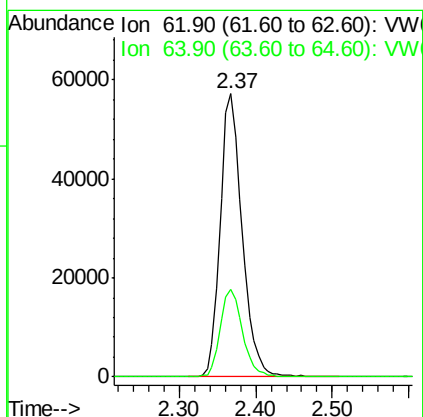
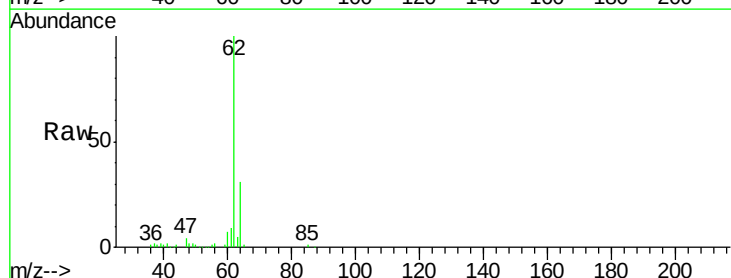
Acq: 21 Aug 2020 11:14

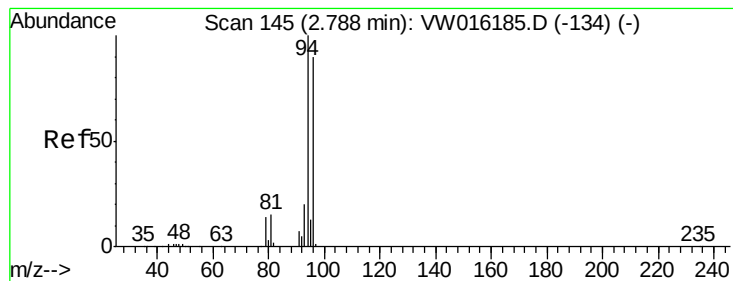
Tgt Ion: 62 Resp: 113419

Ion Ratio Lower Upper

62 100

64 31.2 24.5 36.7





#5

Bromomethane

Concen: 54.511 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 76639

Ion Ratio Lower Upper

94 100

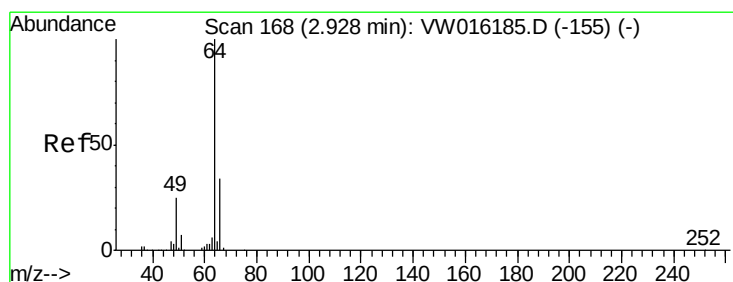
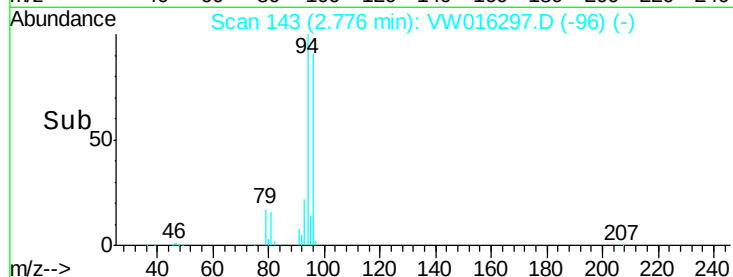
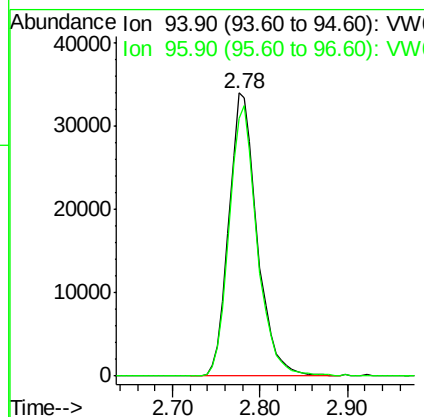
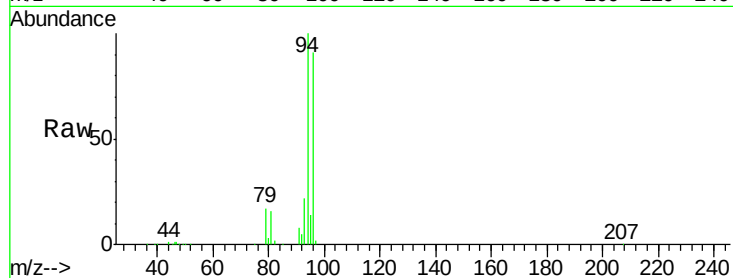
96 90.9 71.8 107.6

Manual Integrations

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#6

Chloroethane

Concen: 52.524 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016297.D

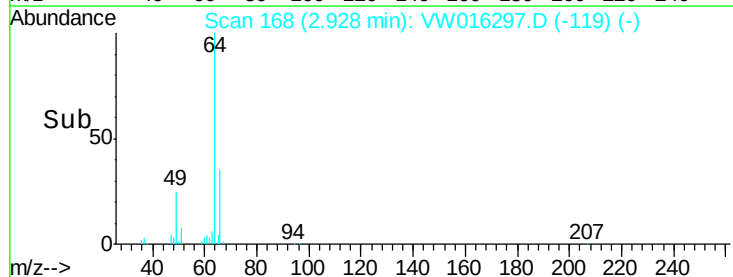
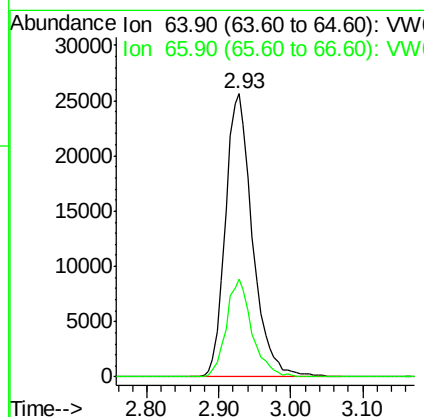
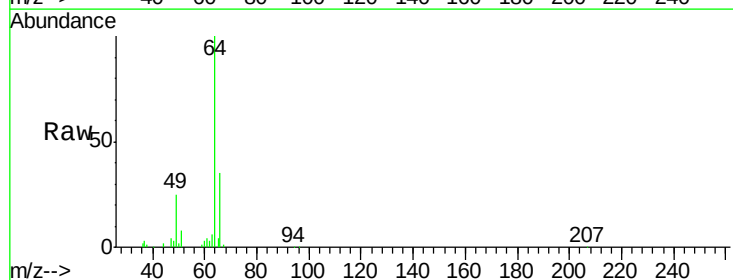
Acq: 21 Aug 2020 11:14

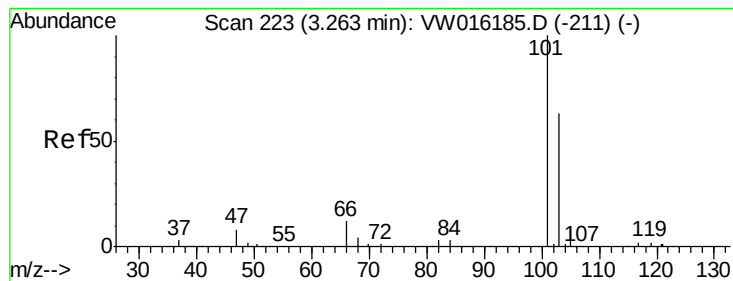
Tgt Ion: 64 Resp: 67072

Ion Ratio Lower Upper

64 100

66 34.6 26.9 40.3





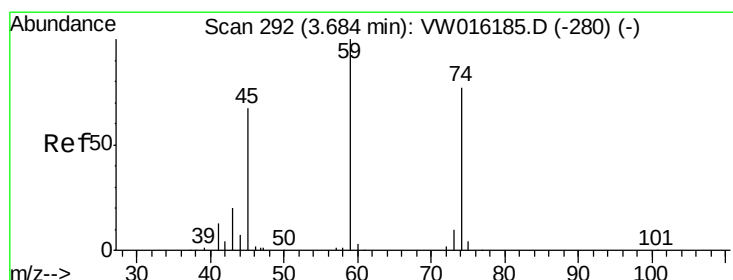
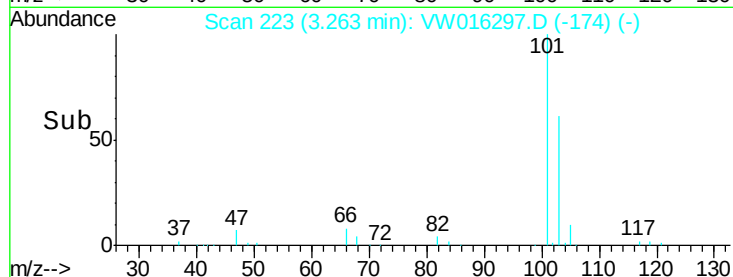
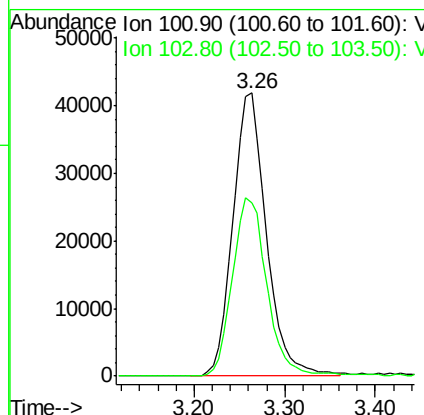
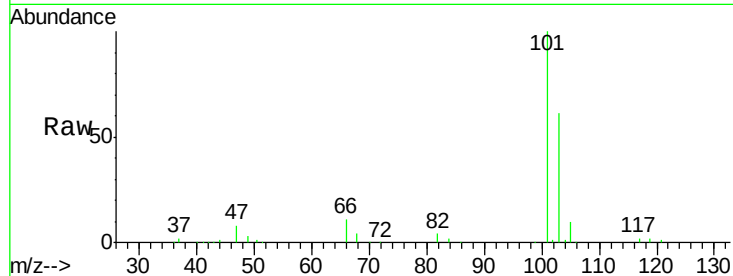
#7
 Trichlorofluoromethane
 Concen: 58.541 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	107164		
103	61.3	50.4	75.6	

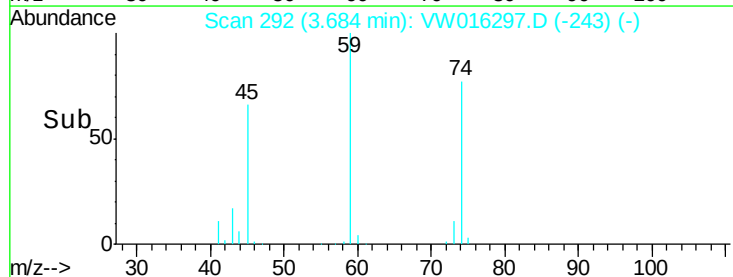
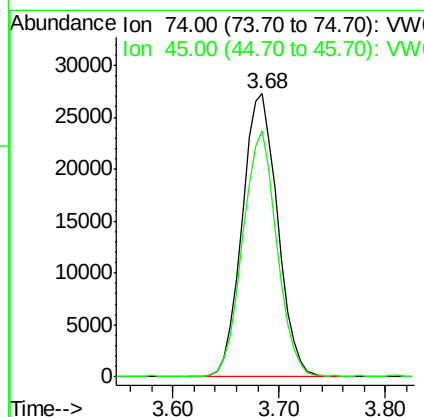
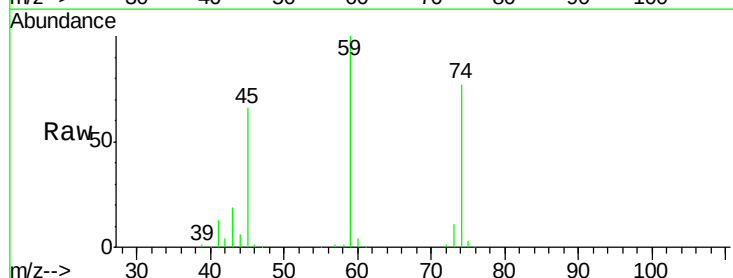
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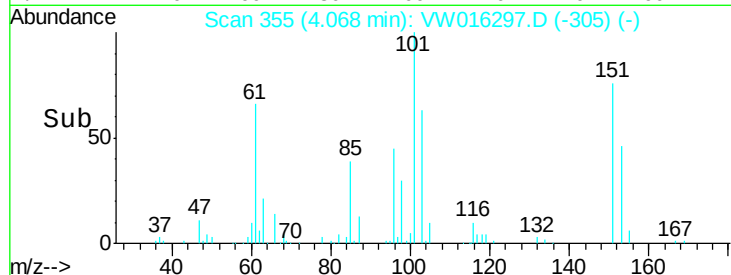
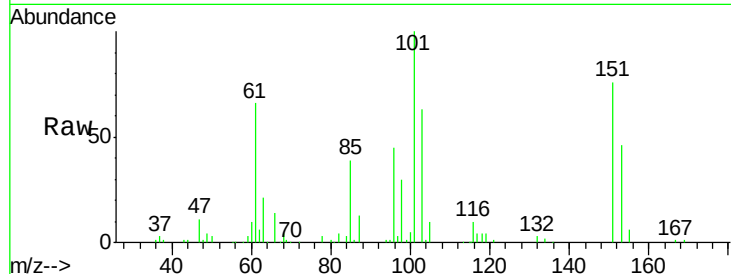
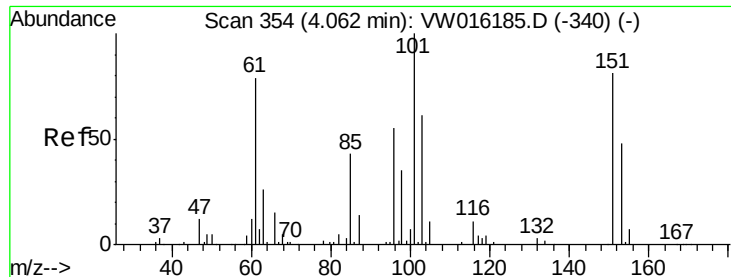
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#8
 Diethyl Ether
 Concen: 55.568 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW016297.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	63833		
45	83.9	45.9	137.7	





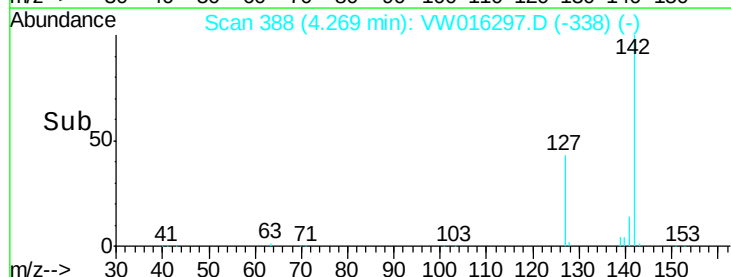
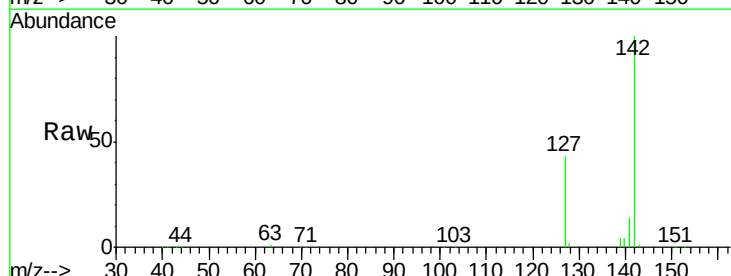
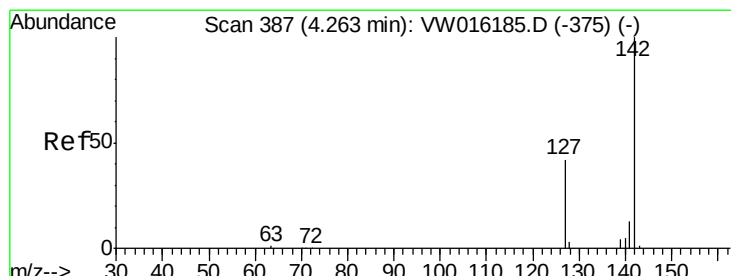
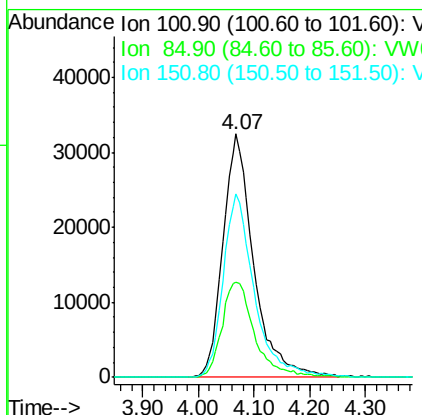
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.811 ug/l
RT: 4.07 min Scan# 355
Delta R.T. 0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	124368		
85	41.8	33.3	49.9	
151	76.5	61.1	91.7	

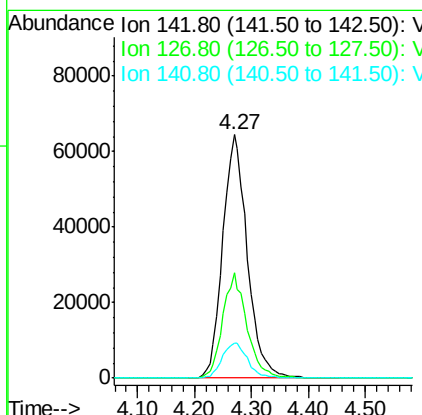
Manual Integrations
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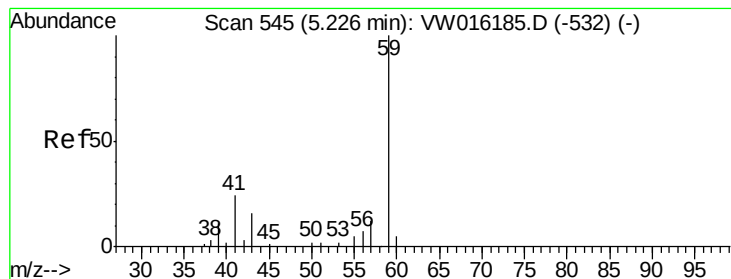
MMDadoda
8/24/2020 4:54:58 PM



#10
Methyl Iodide
Concen: 55.884 ug/l
RT: 4.27 min Scan# 388
Delta R.T. 0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	193827		
127	42.3	34.6	52.0	
141	15.0	11.4	17.2	





#11

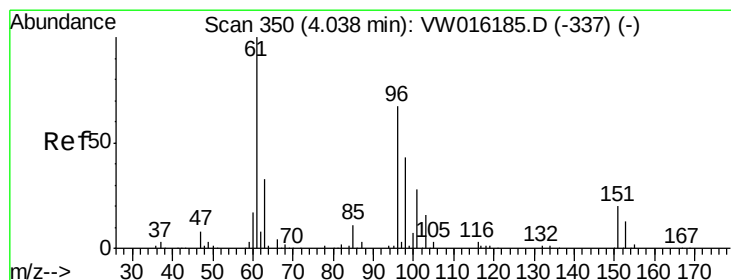
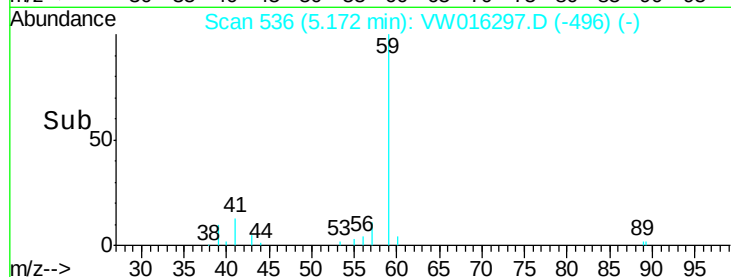
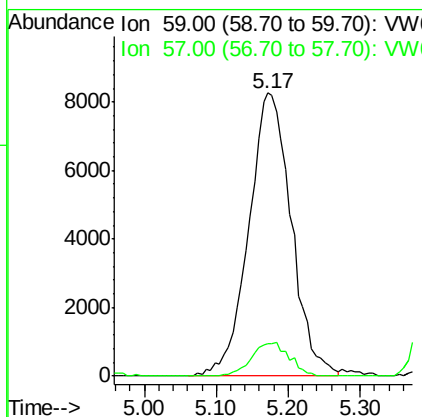
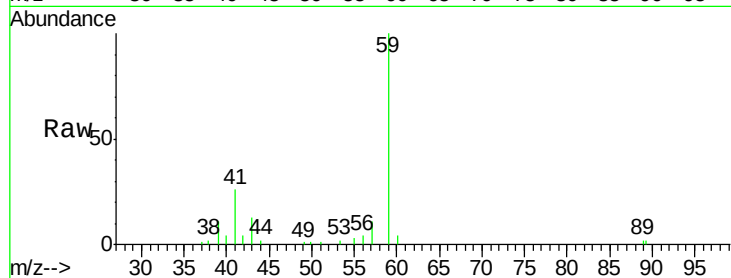
Tert butyl alcohol
 Concen: 292.168 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.05 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	33834		
57	10.6		9.0	13.6

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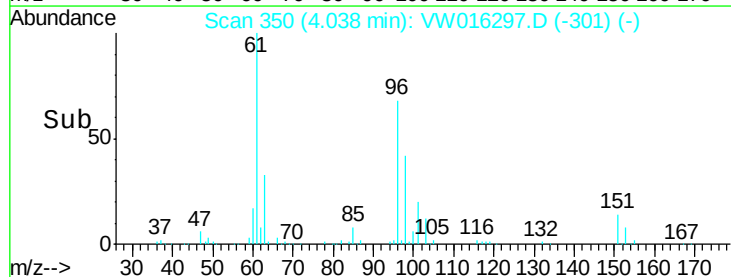
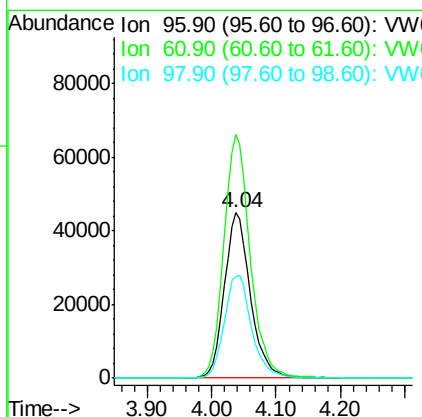
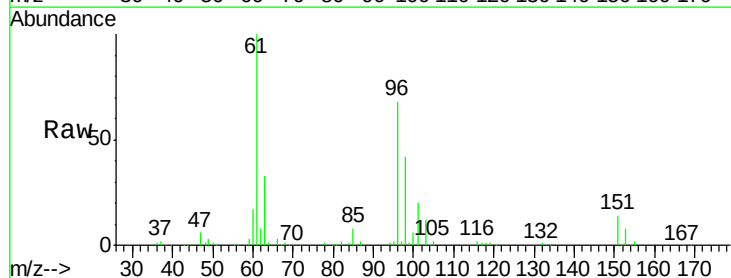
MMDadoda
 8/24/2020 4:54:58 PM

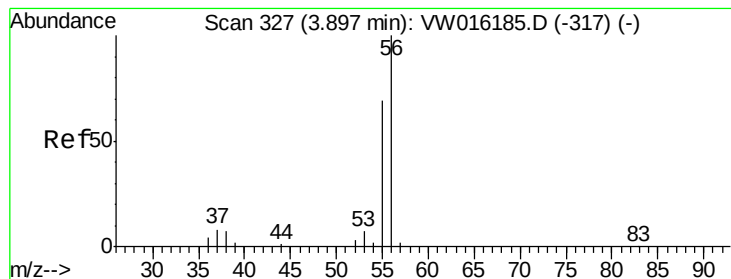


#12

1,1-Dichloroethene
 Concen: 52.378 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	127948		
61	147.3		119.5	179.3
98	61.8		51.3	76.9





#13

Acrolein

Concen: 275.155 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 46028

Ion Ratio Lower Upper

56 100

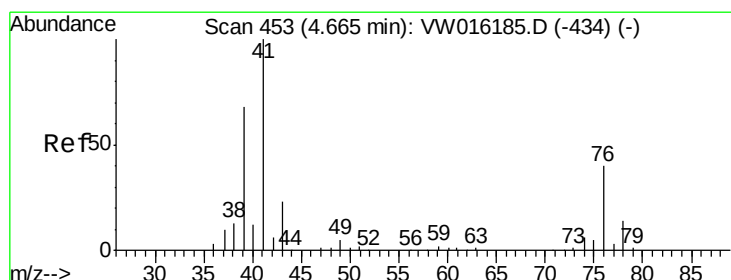
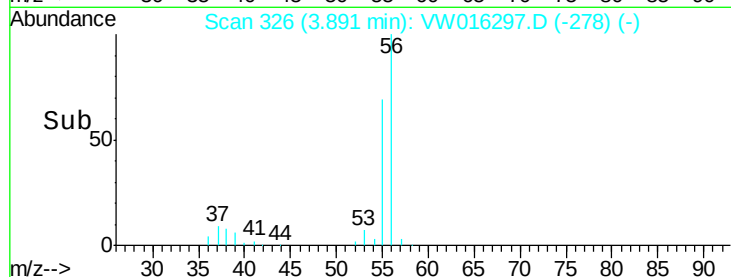
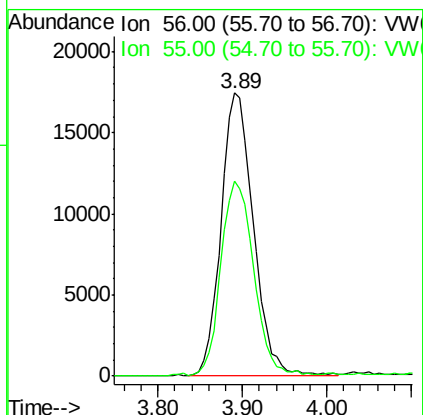
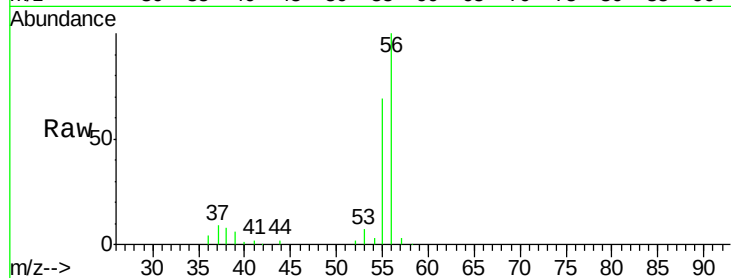
55 68.8 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 52.106 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

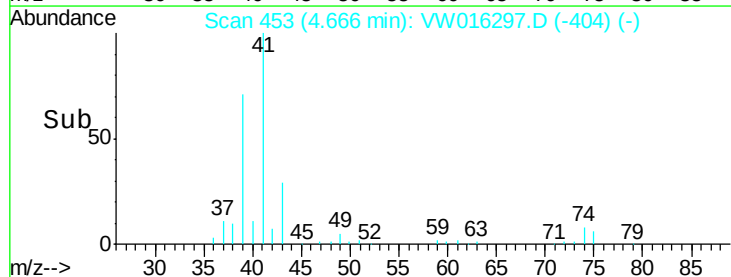
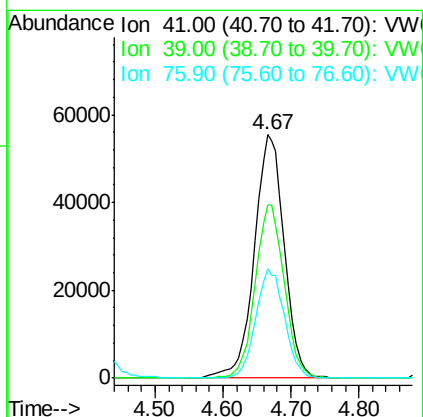
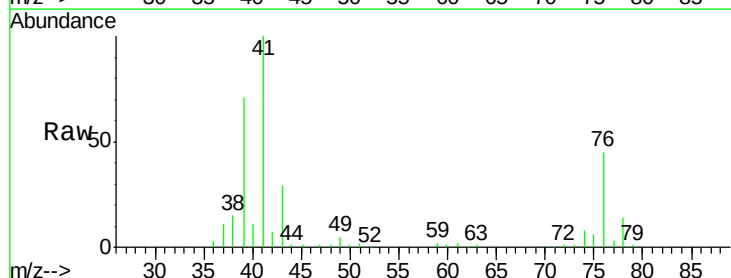
Tgt Ion: 41 Resp: 170541

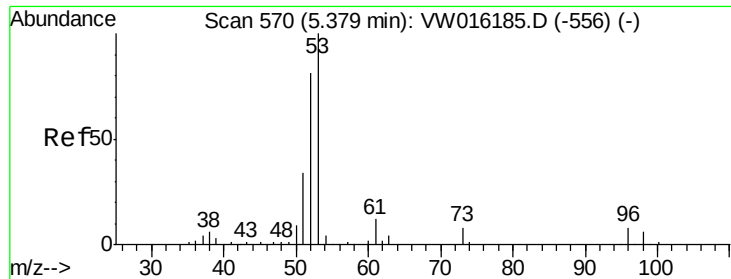
Ion Ratio Lower Upper

41 100

39 69.2 53.4 80.0

76 43.0 32.0 48.0





#15

Acrylonitrile

Concen: 275.879 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

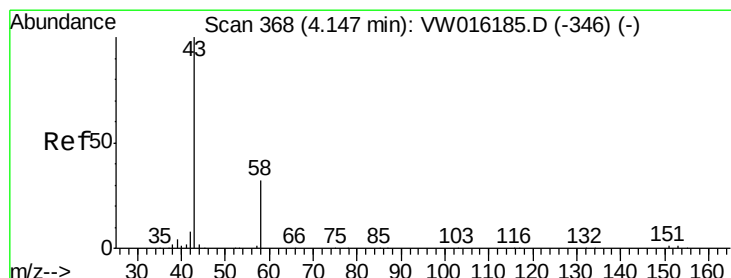
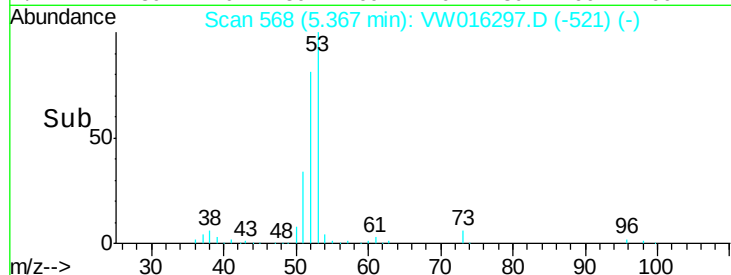
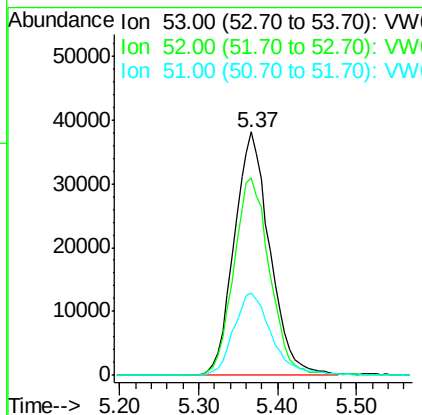
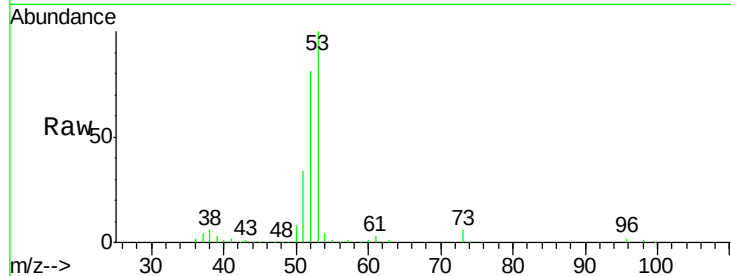
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	119414
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.3	97.9
51	35.9	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 282.823 ug/l

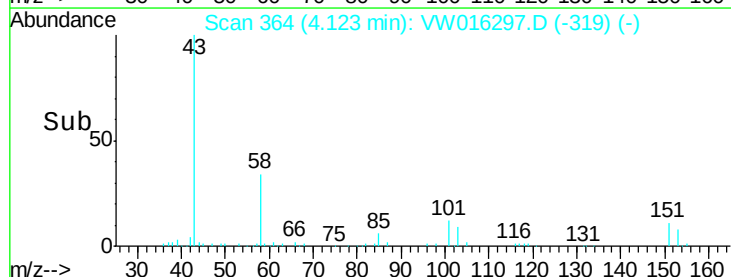
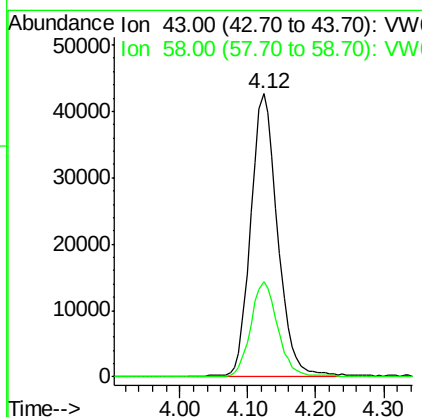
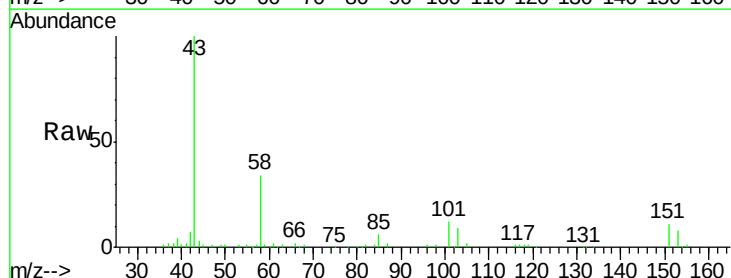
RT: 4.12 min Scan# 364

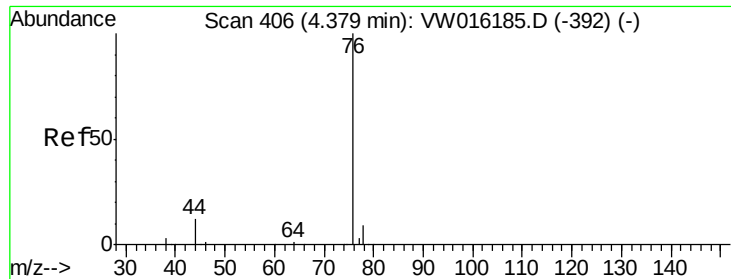
Delta R.T. -0.02 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Tgt Ion:	43	Resp:	117890
Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.8	38.6





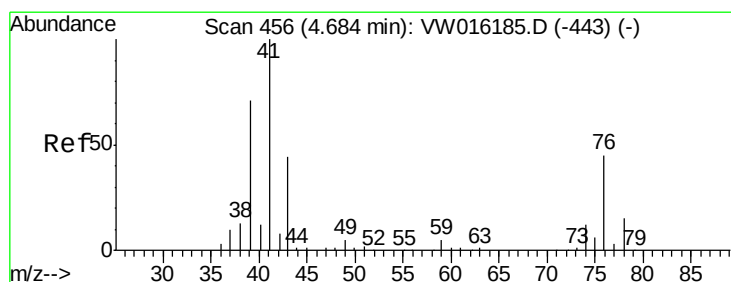
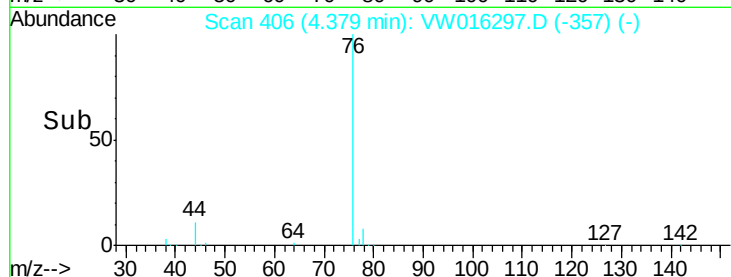
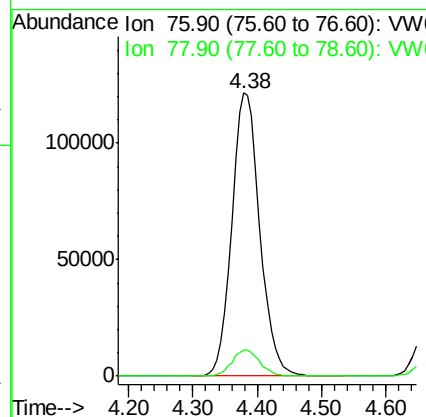
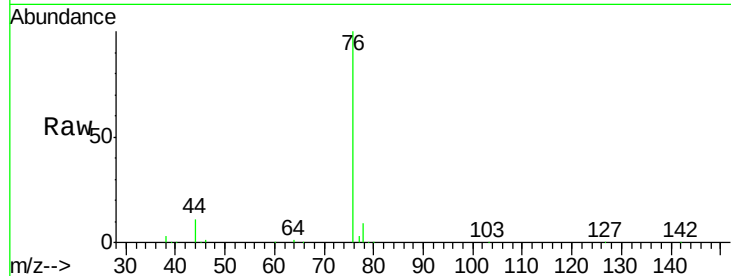
#17
Carbon Disulfide
Concen: 51.404 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

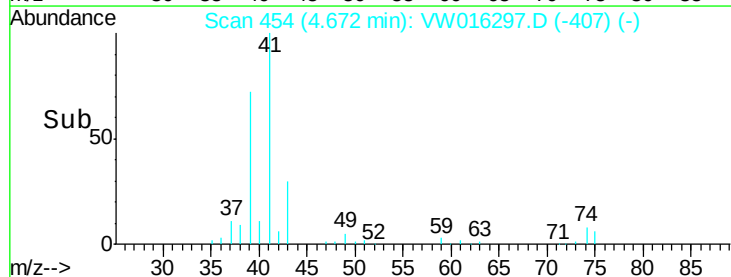
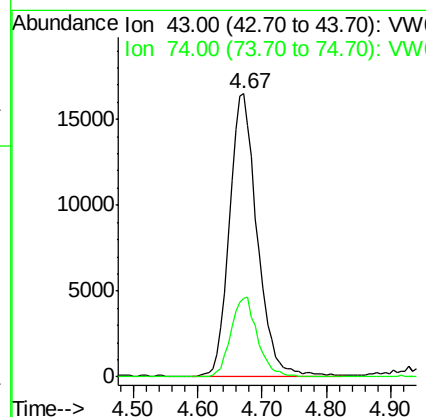
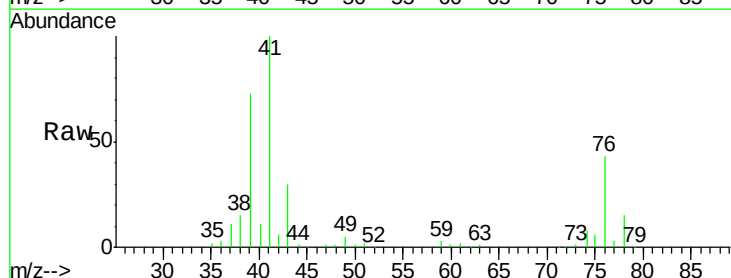
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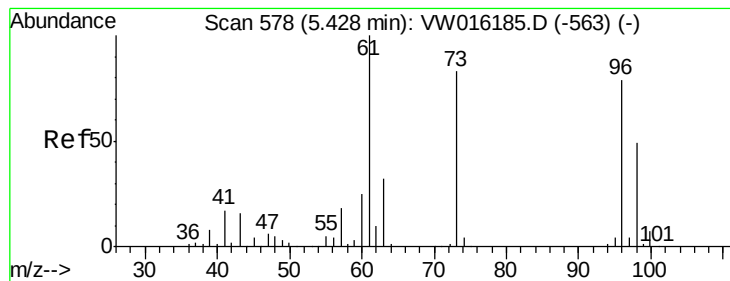
MMDadoda
8/24/2020 4:54:58 PM



#18
Methyl Acetate
Concen: 51.685 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	20.6	31.0





#19

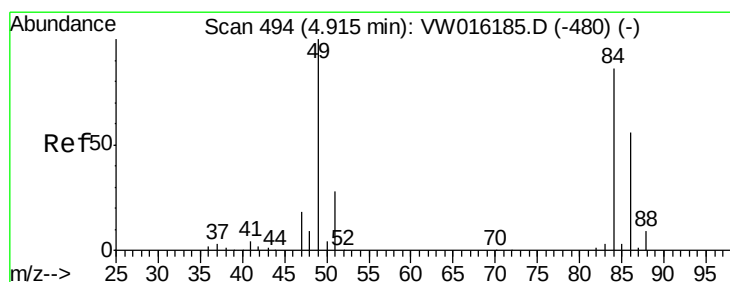
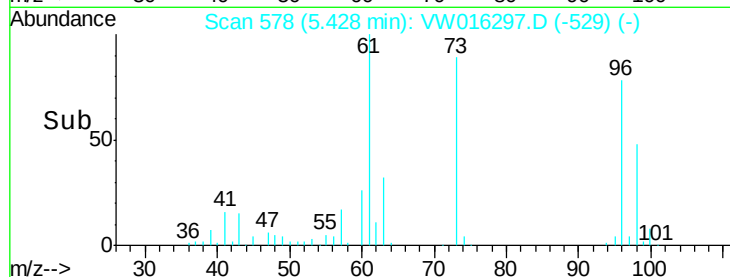
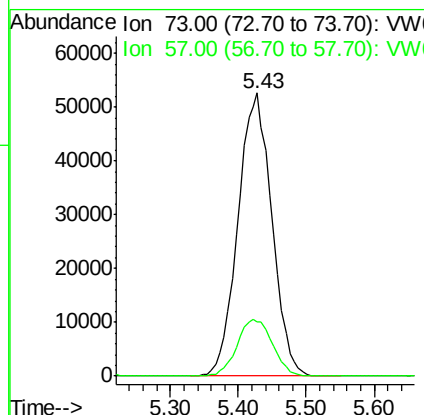
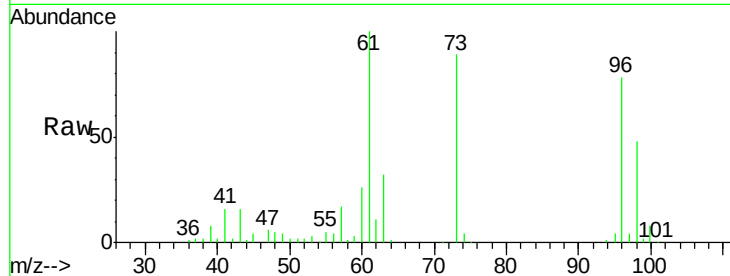
Methyl tert-butyl Ether
 Concen: 60.503 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.1	17.2	25.8

Manual Integrations
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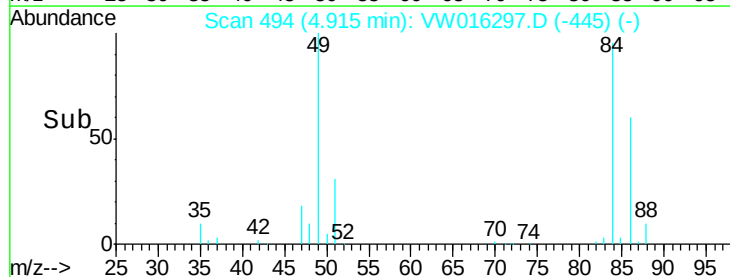
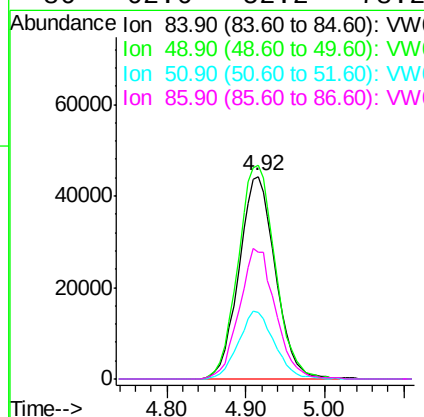
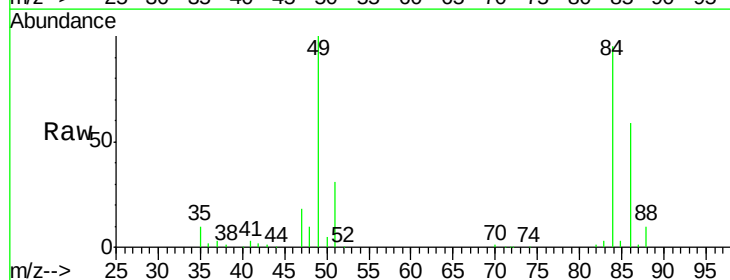
MMDadoda
 8/24/2020 4:54:58 PM

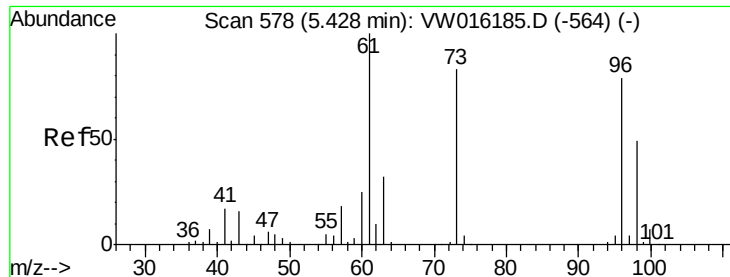


#20

Methylene Chloride
 Concen: 55.390 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.3	93.4	140.2
51	32.9	26.6	40.0
86	62.6	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 52.162 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

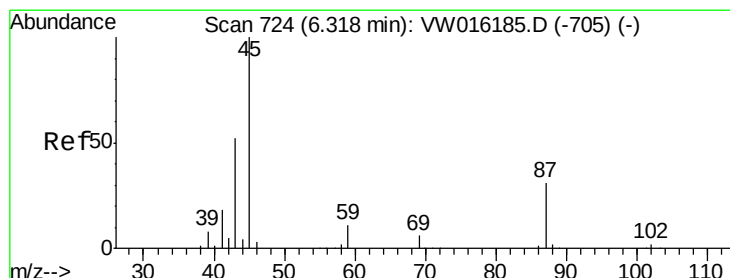
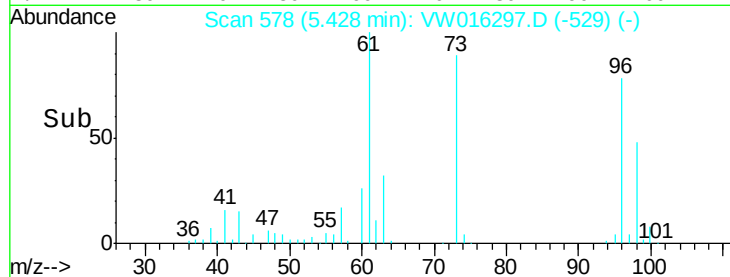
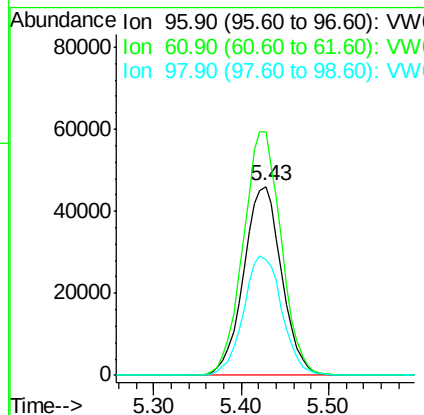
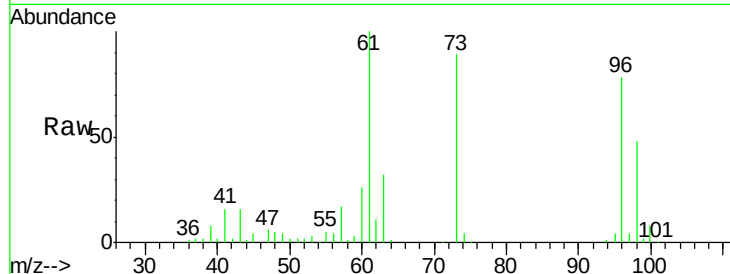
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	138756
Ion	Ratio	Lower	Upper
96	100		
61	128.9	101.4	152.0
98	61.3	49.4	74.0

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#22

Diisopropyl ether

Concen: 53.474 ug/l

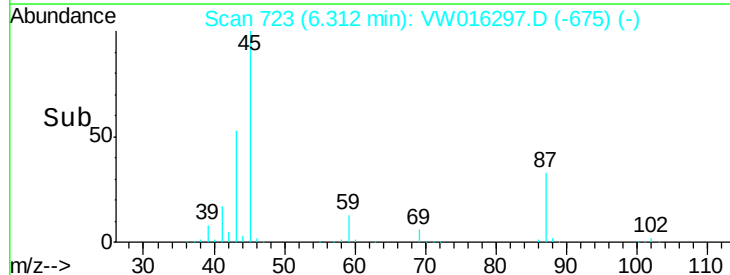
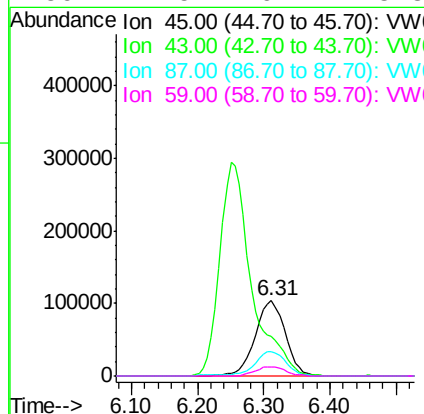
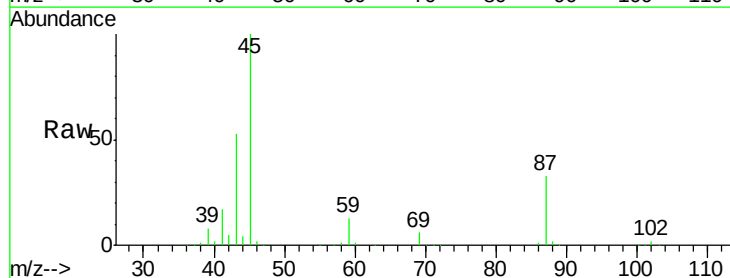
RT: 6.31 min Scan# 723

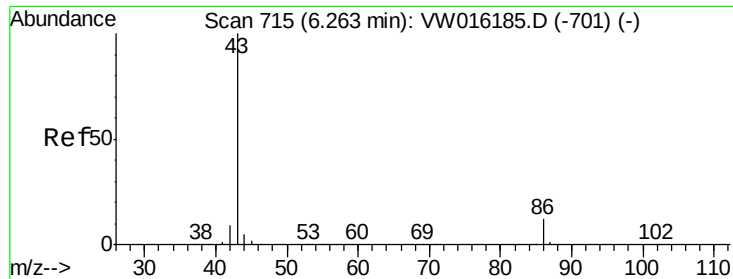
Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Tgt Ion:	45	Resp:	329945
Ion	Ratio	Lower	Upper
45	100		
43	52.9	41.7	62.5
87	33.0	25.0	37.6
59	12.5	9.2	13.8





#23

Vinyl Acetate

Concen: 278.181 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 982830

Ion Ratio Lower Upper

43 100

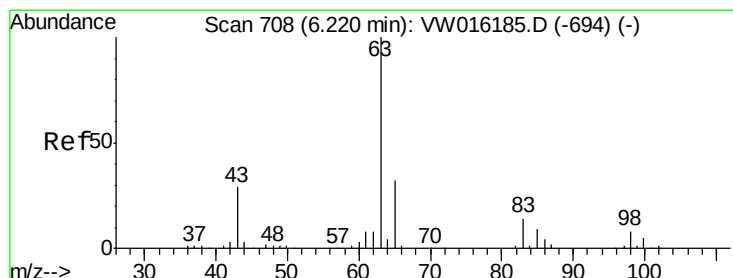
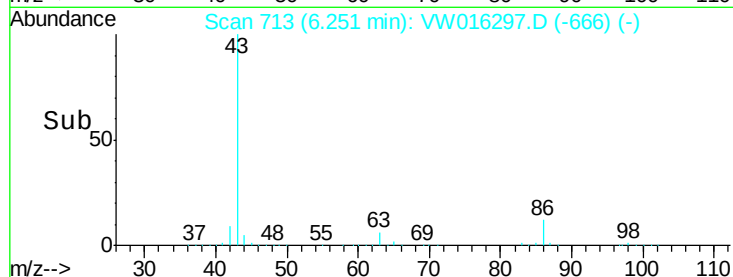
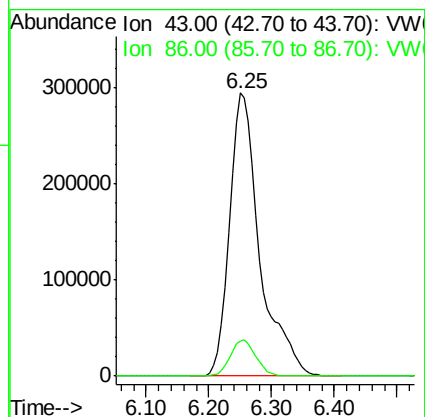
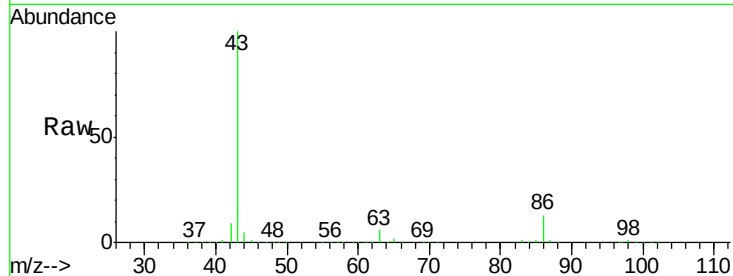
86 12.5 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.504 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

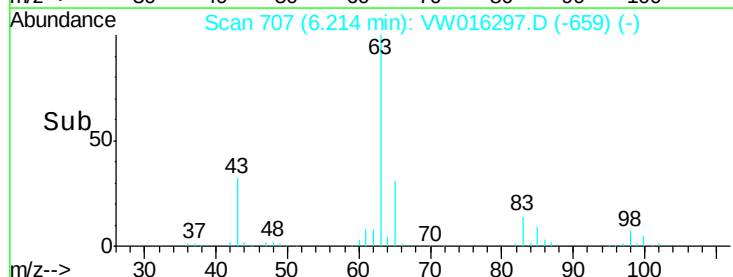
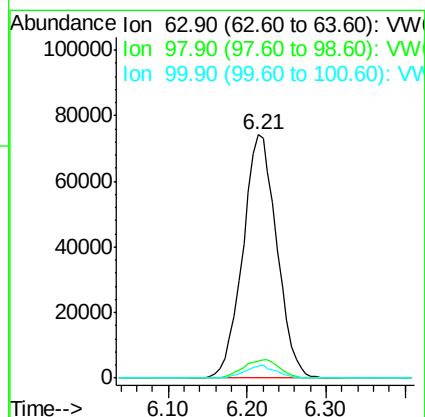
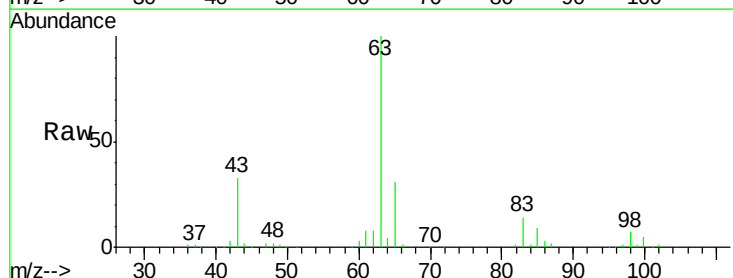
Tgt Ion: 63 Resp: 221799

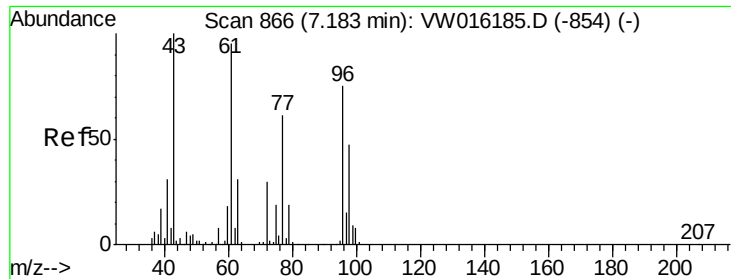
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 4.7 2.6 8.0





#25

2-Butanone

Concen: 273.920 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 153020

Ion Ratio Lower Upper

43 100

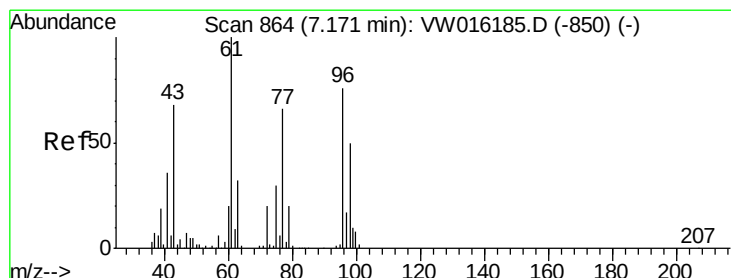
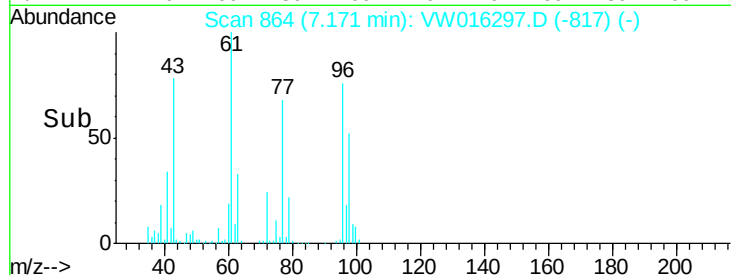
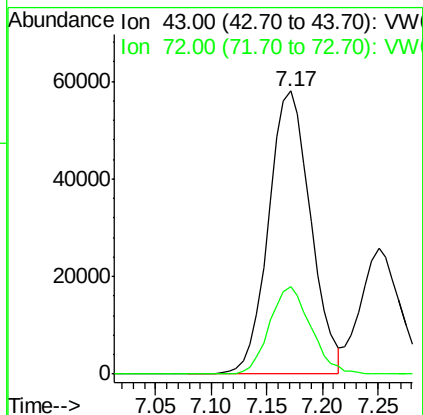
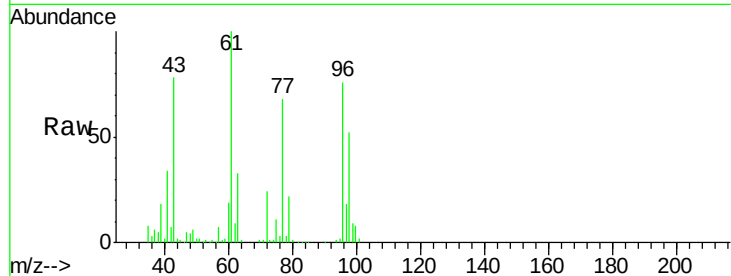
72 31.0 24.2 36.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.005 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016297.D

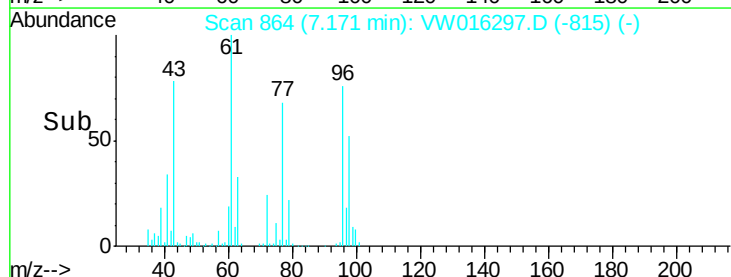
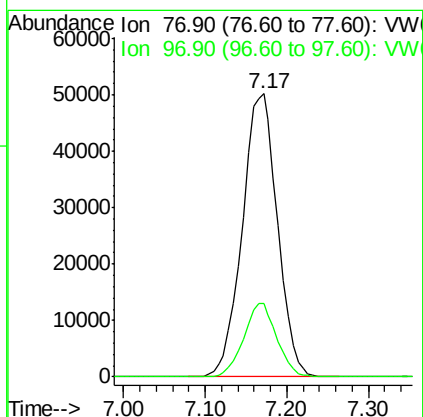
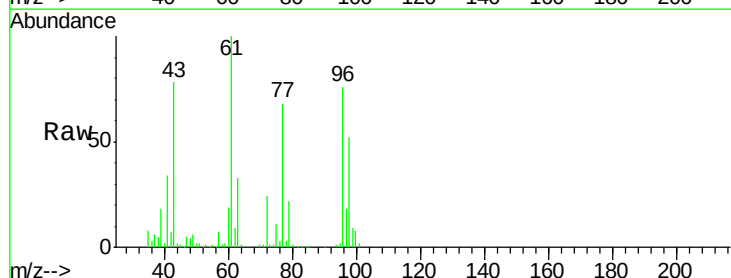
Acq: 21 Aug 2020 11:14

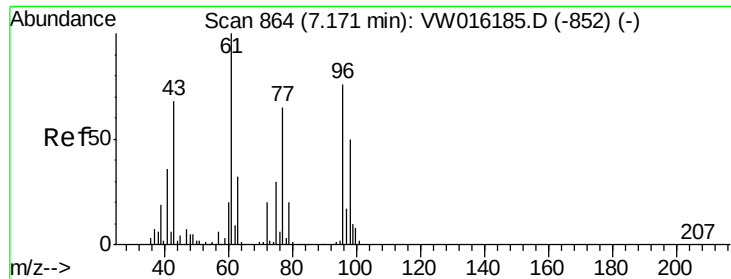
Tgt Ion: 77 Resp: 150232

Ion Ratio Lower Upper

77 100

97 24.4 12.1 36.3





#27

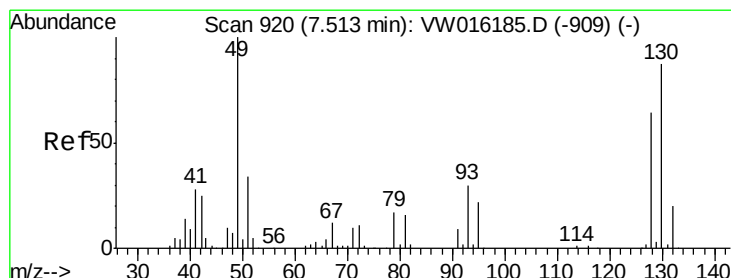
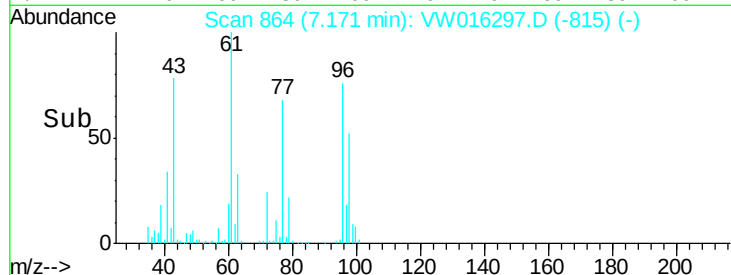
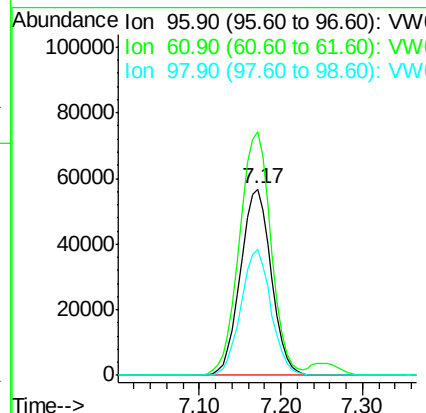
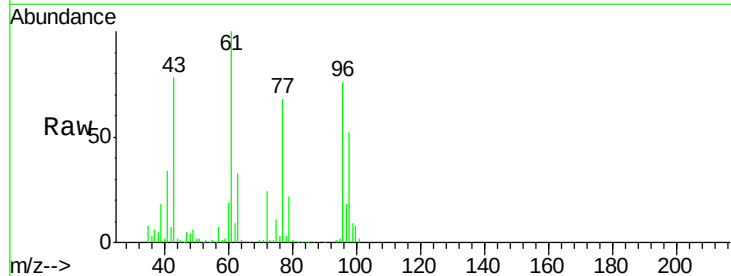
cis-1,2-Dichloroethene
Concen: 54.244 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	267.0
98	65.8	0.0	129.6

Manual Integrations
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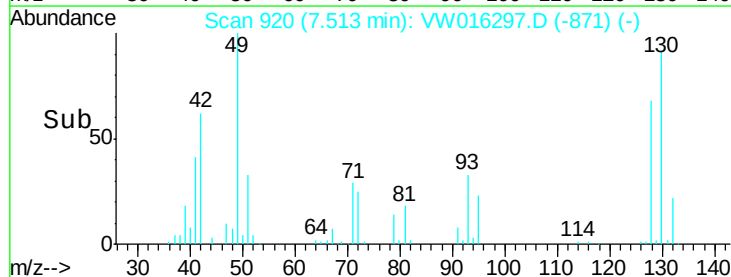
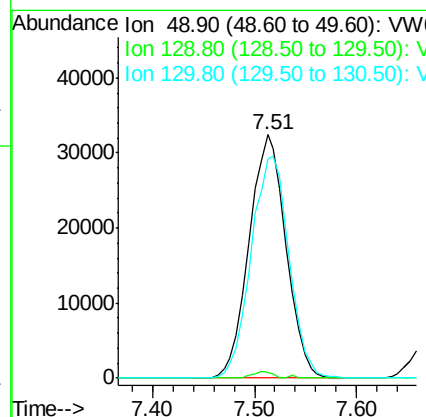
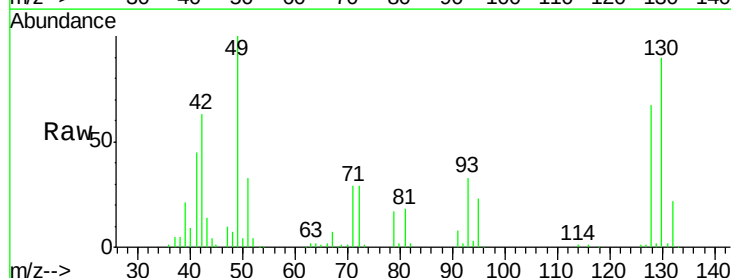
MMDadoda
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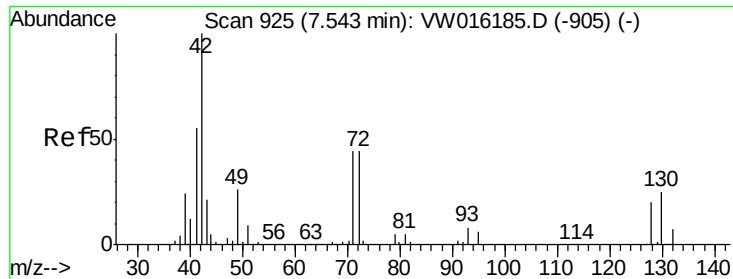


#28

Bromochloromethane
Concen: 49.878 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.2
130	93.7	69.9	104.9





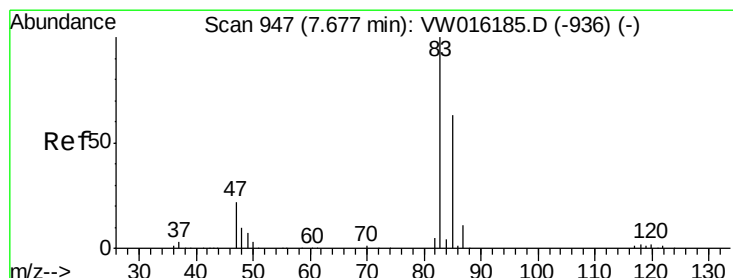
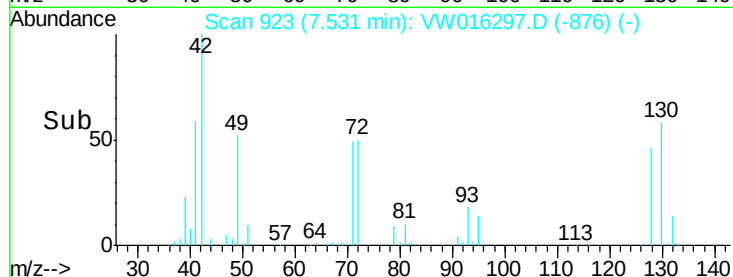
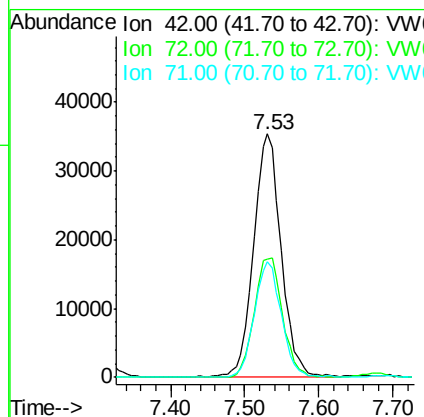
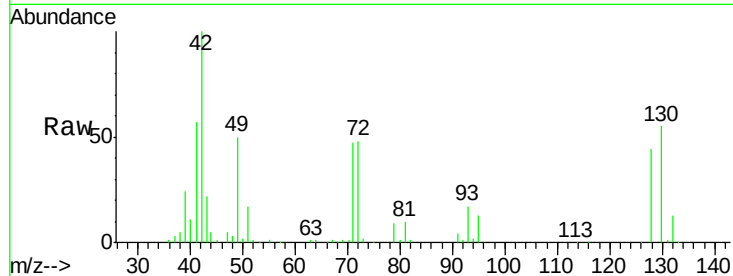
#29
Tetrahydrofuran
Concen: 275.717 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.2	37.4	56.2
71	46.3	35.6	53.4

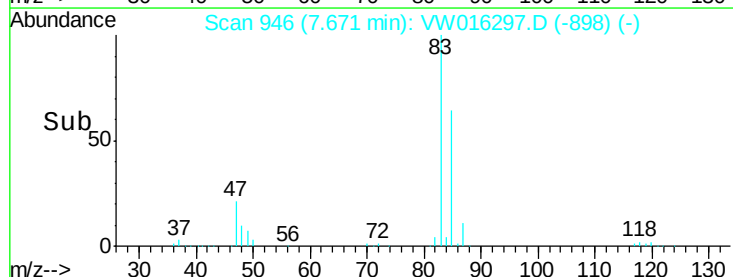
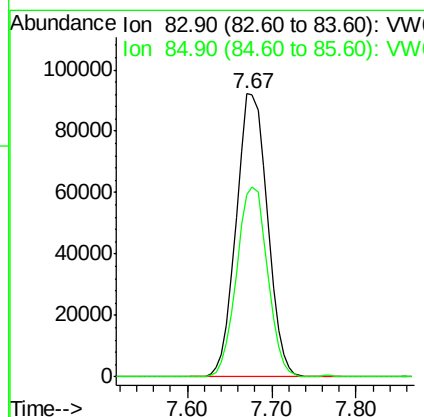
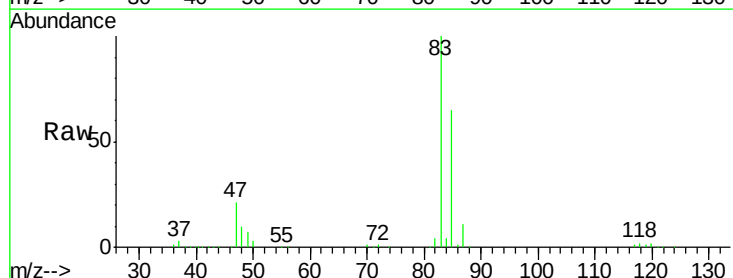
Manual Integrations
APPROVED

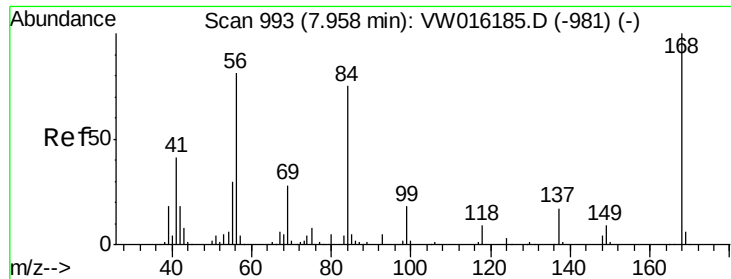
MMDadoda
8/24/2020 4:54:58 PM



#30
Chloroform
Concen: 51.719 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.0	75.0





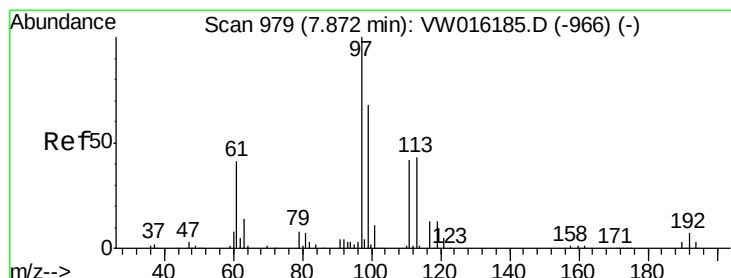
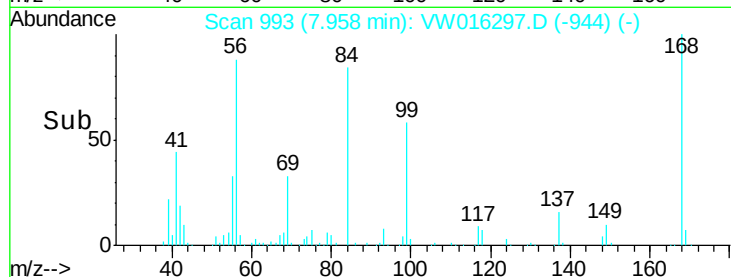
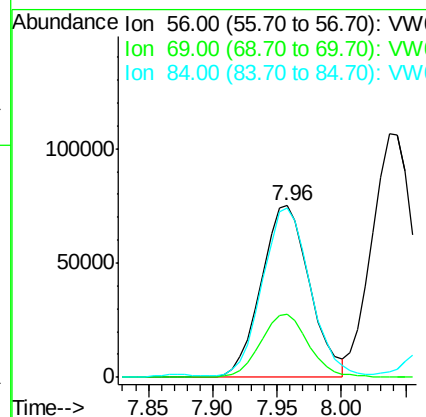
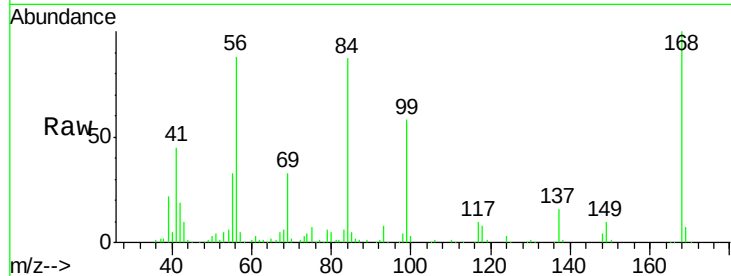
#31
Cyclohexane
Concen: 49.421 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
56	100	196245		
69	37.1		27.3	40.9
84	97.7		73.5	110.3

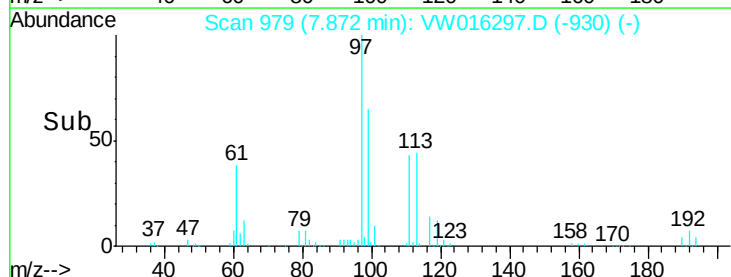
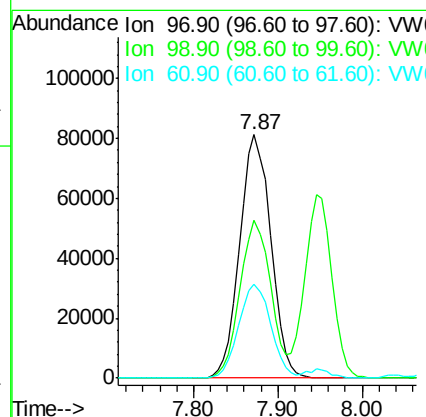
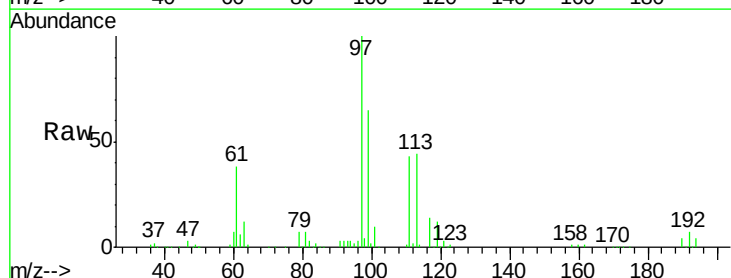
Manual Integrations
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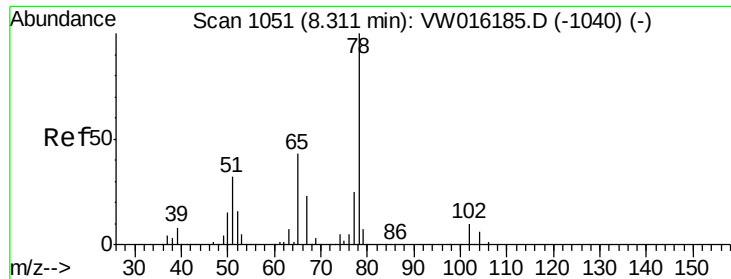
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#32
1,1,1-Trichloroethane
Concen: 53.997 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	202990		
99	64.0		51.3	76.9
61	39.7		33.2	49.8





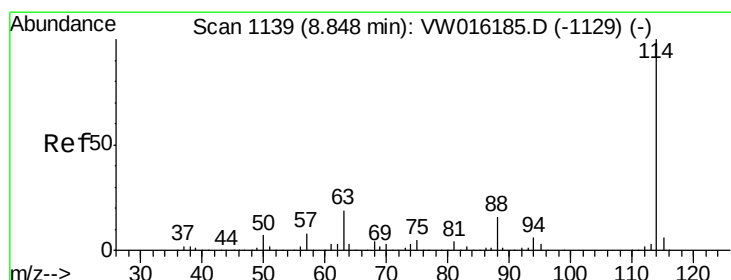
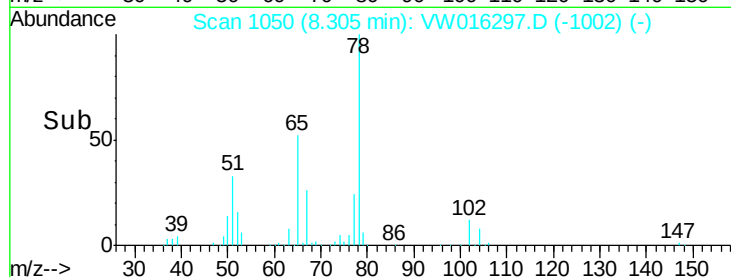
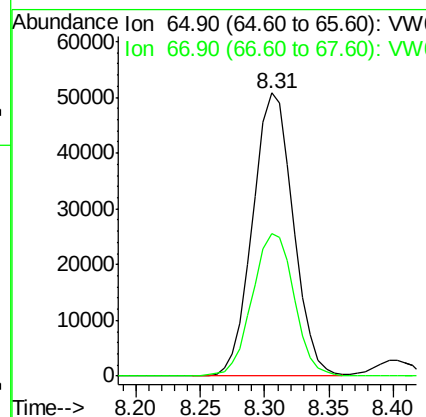
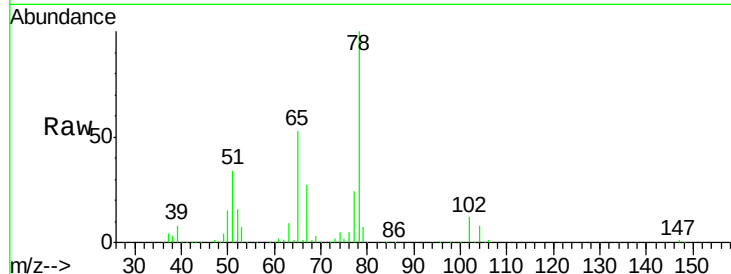
#33
 1,2-Dichloroethane-d4
 Concen: 50.827 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	105.6	

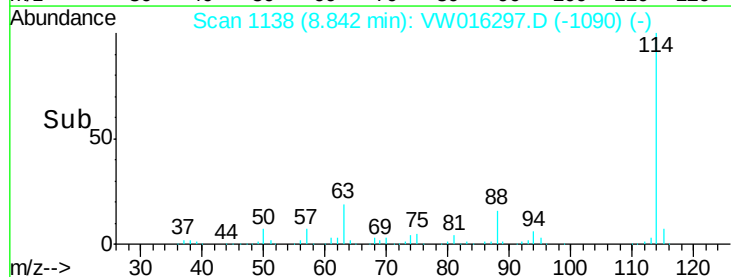
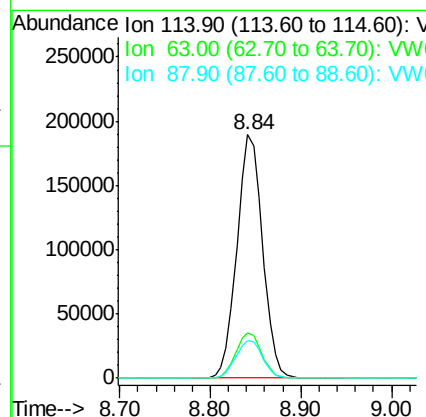
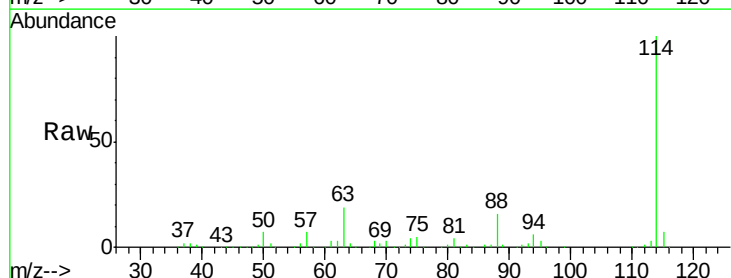
Manual Integrations
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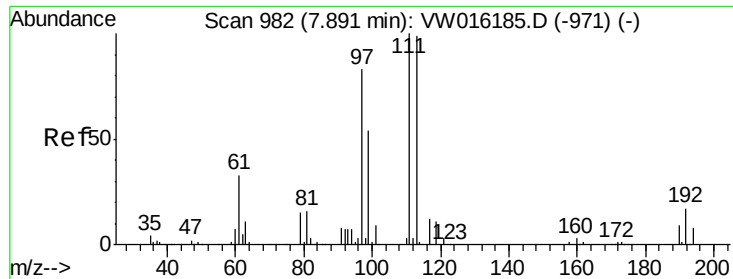
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.7	0.0	38.4	
88	15.6	0.0	32.8	





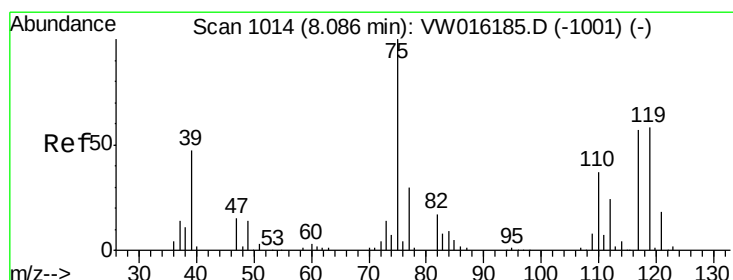
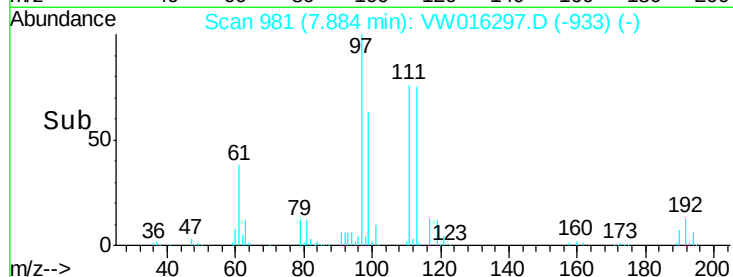
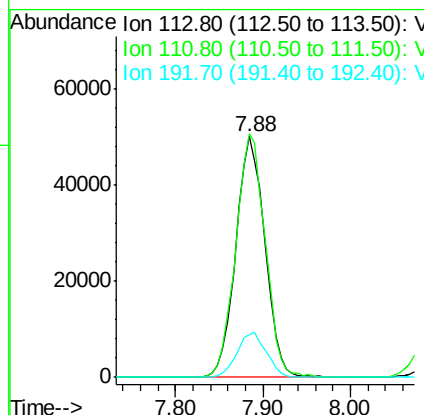
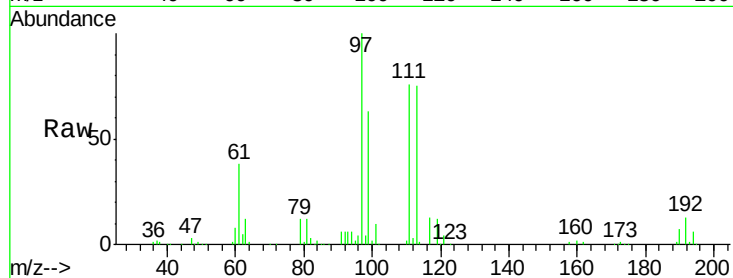
#35
 Dibromofluoromethane
 Concen: 50.556 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	115984		
111	102.5	83.5	125.3	
192	18.7	14.3	21.5	

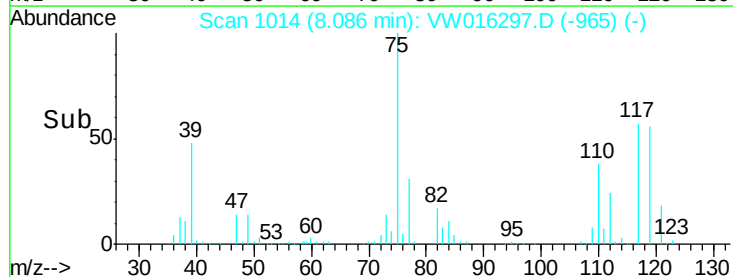
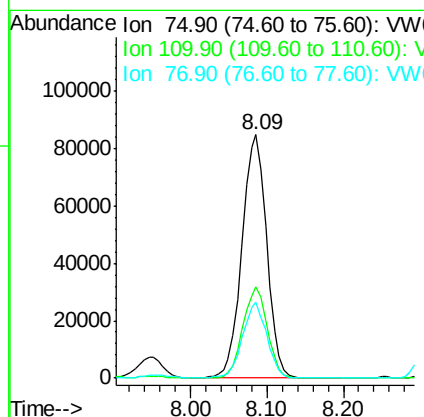
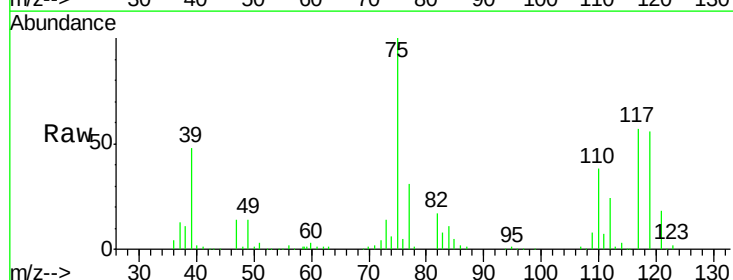
Manual Integrations
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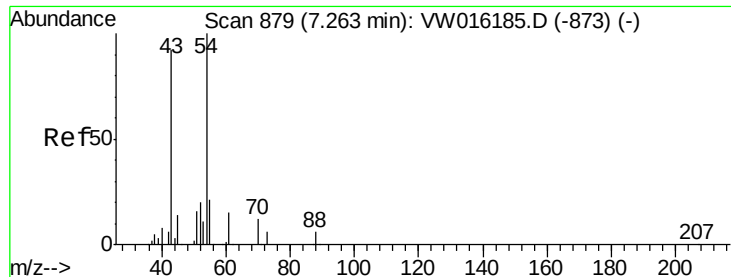
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 8/24/2020 4:54:58 PM



#36
 1,1-Dichloropropene
 Concen: 51.927 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	190205		
110	36.9	18.1	54.3	
77	30.5	24.7	37.1	





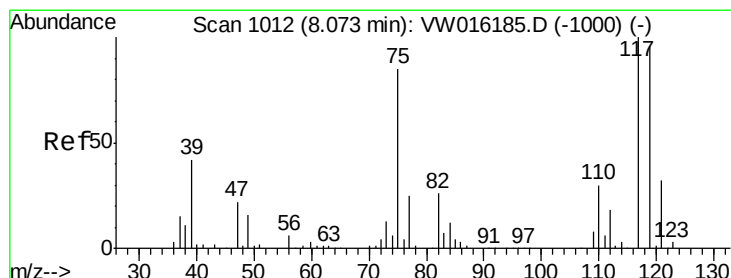
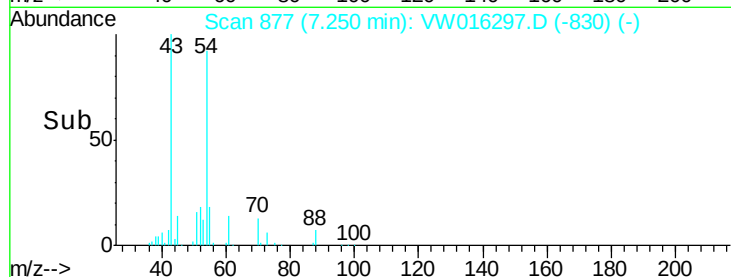
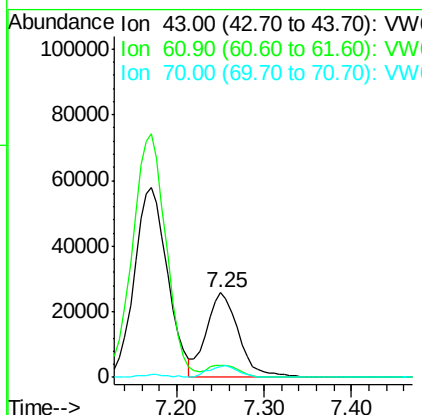
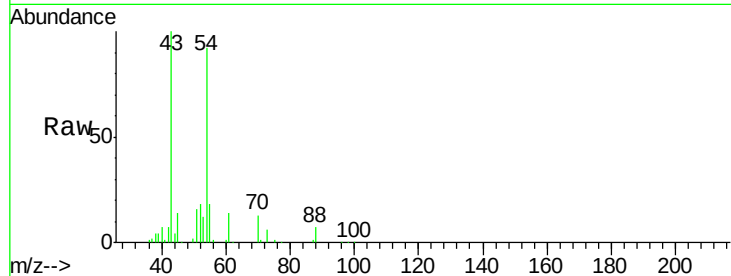
#37
Ethyl Acetate
Concen: 52.489 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.6	18.8
70	13.1	9.8	14.8

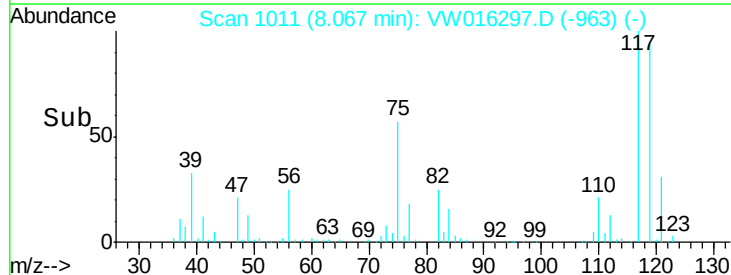
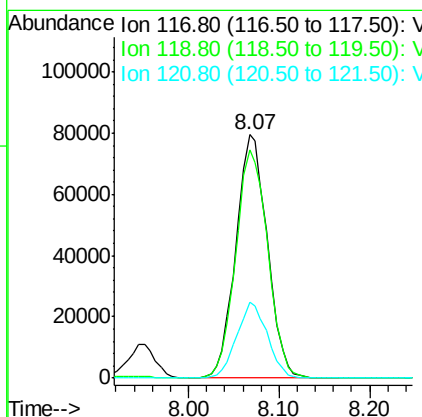
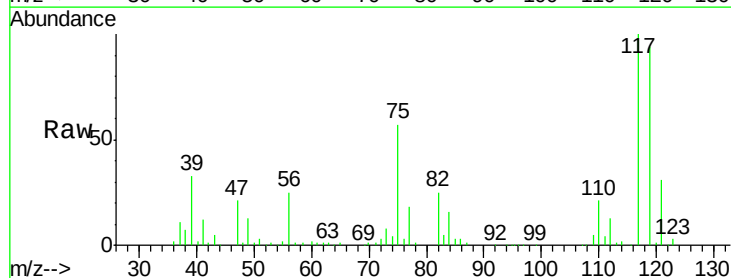
Manual Integrations
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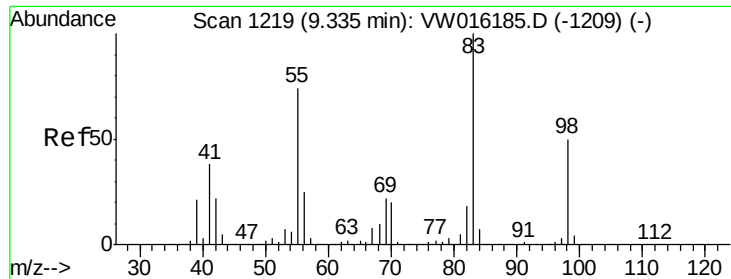
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#38
Carbon Tetrachloride
Concen: 52.238 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.6	115.0
121	31.4	25.4	38.0





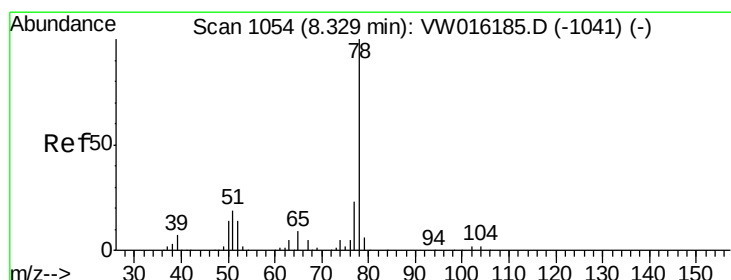
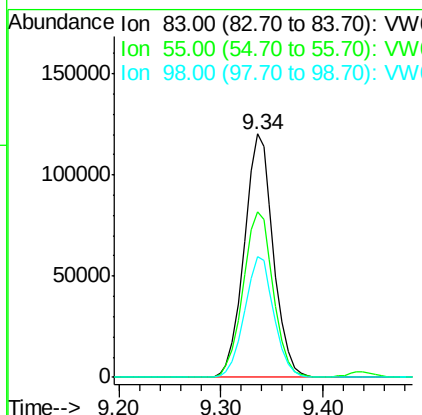
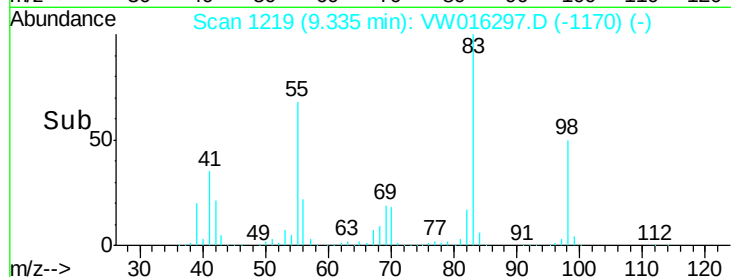
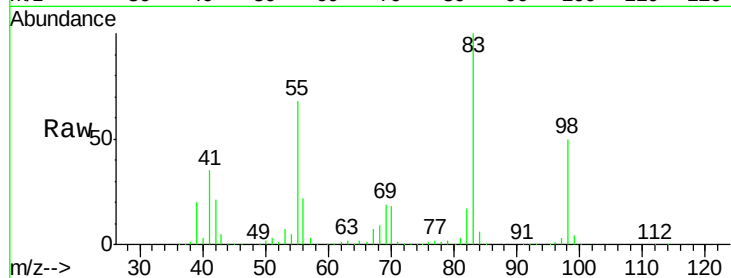
#39
Methylvlcyclohexane
Concen: 53.921 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	237908
Ion Ratio	100	Lower	Upper
83	100		
55	67.9	59.2	88.8
98	49.8	40.2	60.2

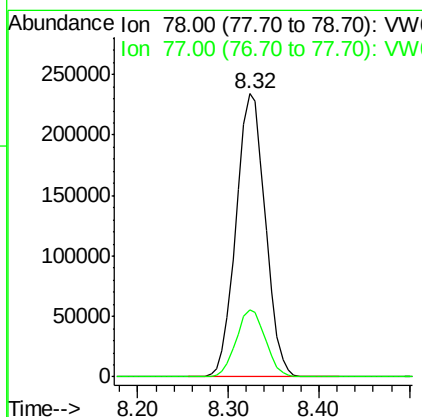
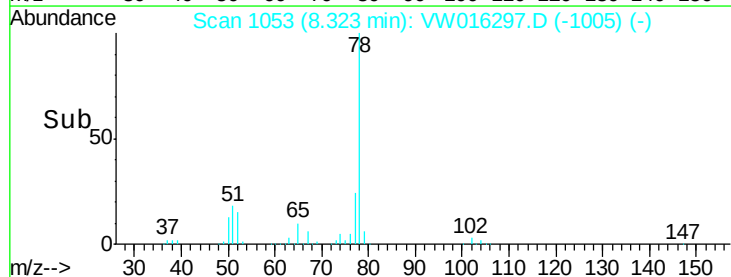
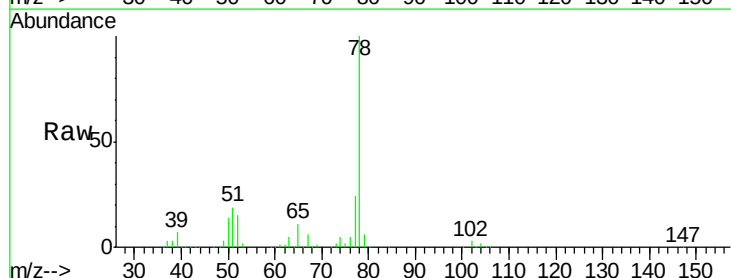
Manual Integrations
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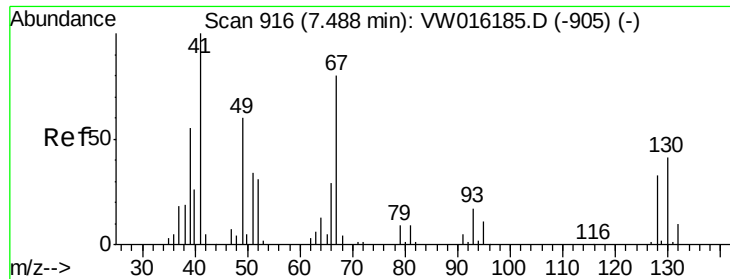
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#40
Benzene
Concen: 50.791 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	78	Resp	523385
Ion Ratio	100	Lower	Upper
78	100		
77	23.8	18.6	28.0





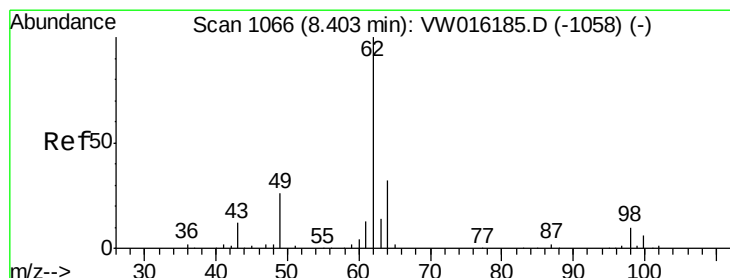
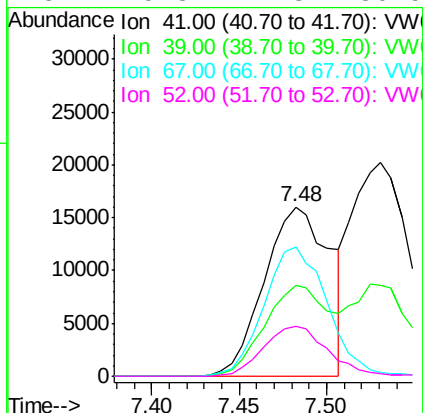
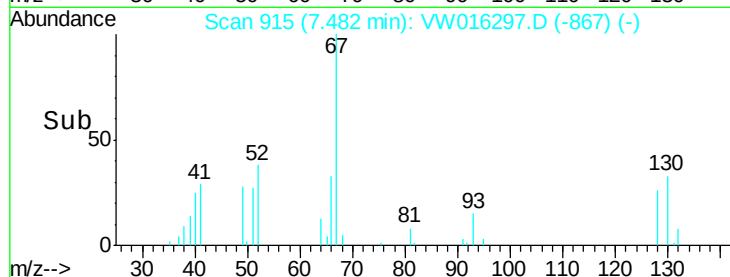
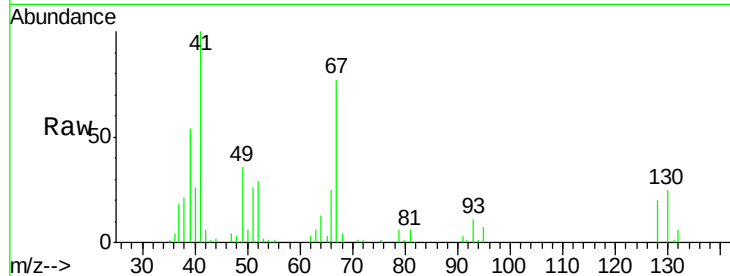
#41
Methacrylonitrile
Concen: 58.380 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	41844
Ion	Ratio	Lower	Upper
41	100		
39	52.8	43.4	65.2
67	74.1	61.5	92.3
52	29.3	24.3	36.5

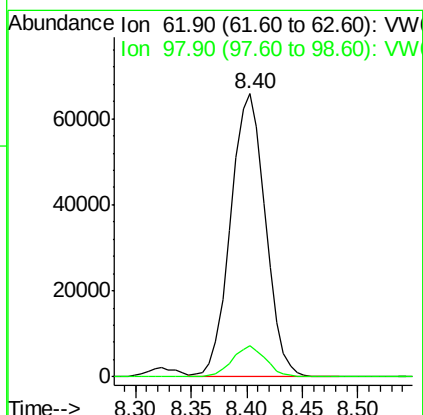
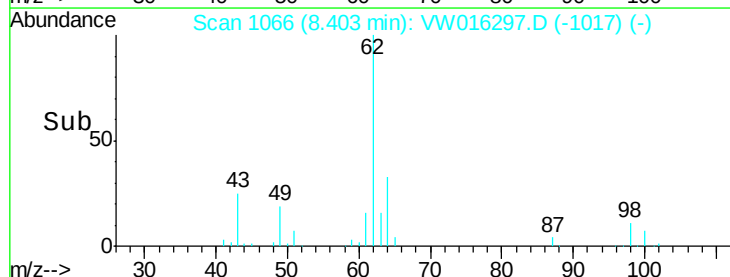
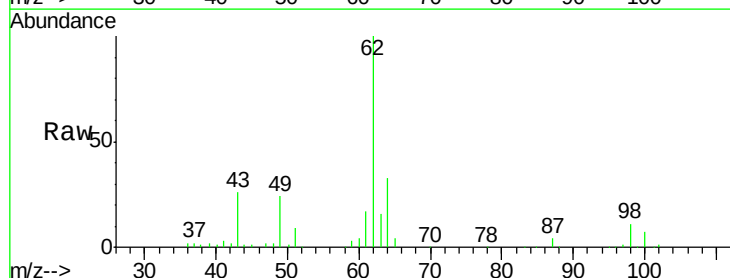
Manual Integrations
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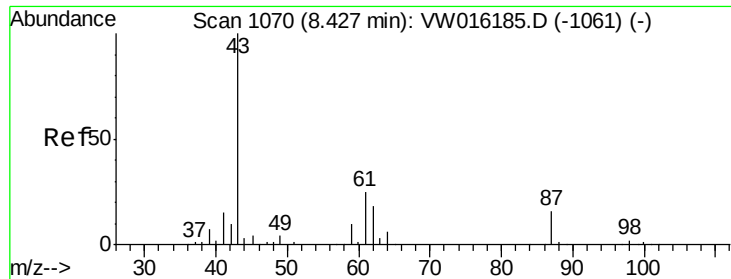
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#42
1,2-Dichloroethane
Concen: 52.335 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion:	62	Resp:	142432
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8





#43

Isopropyl Acetate

Concen: 54.376 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

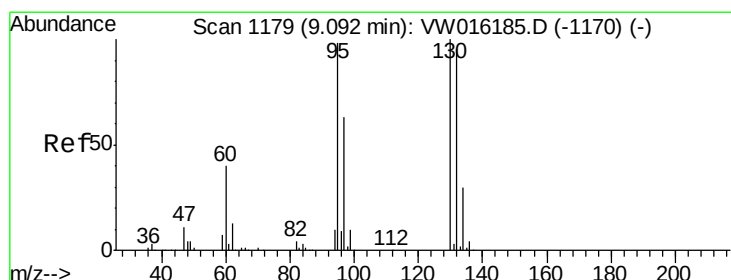
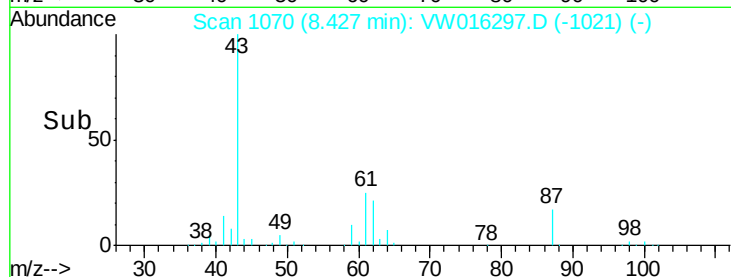
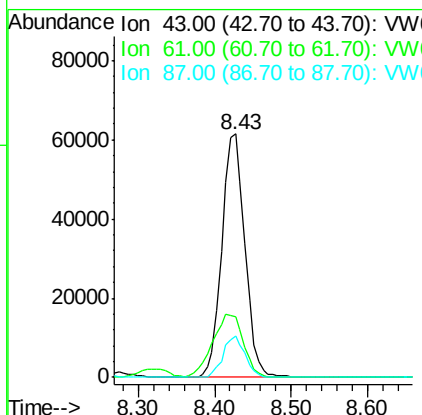
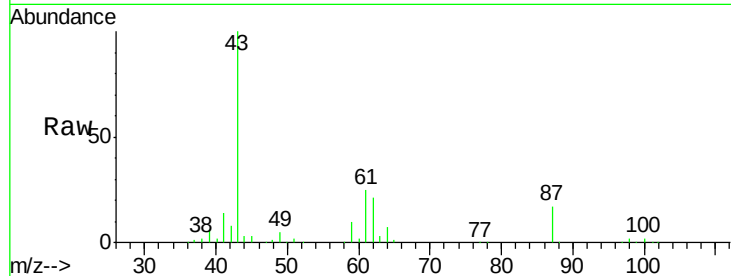
ClientSampleId :

VSTDCCC050

Tot Ion	43	Resp	128475
Ion	Ratio	Lower	Upper
43	100		
61	34.8	26.9	40.3
87	16.1	12.0	18.0

Manual Integrations
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8/24/2020 4:54:58 PM



#44

Trichloroethene

Concen: 51.417 ug/l

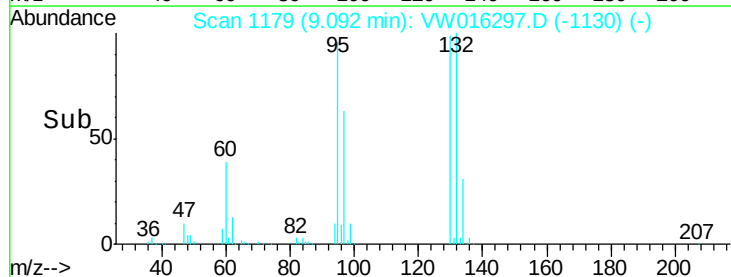
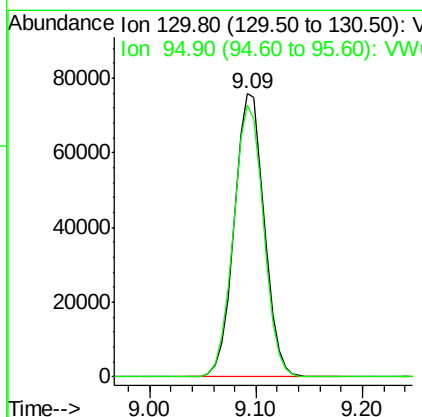
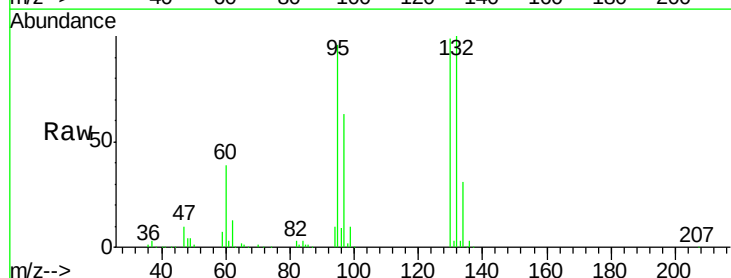
RT: 9.09 min Scan# 1179

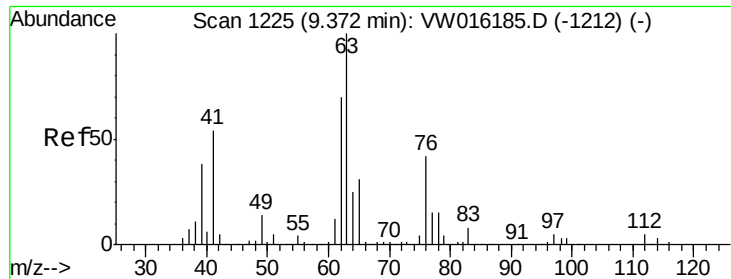
Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Tgt Ion	130	Resp	150060
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	196.4





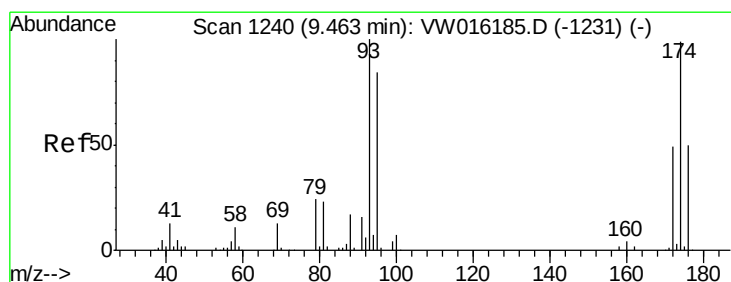
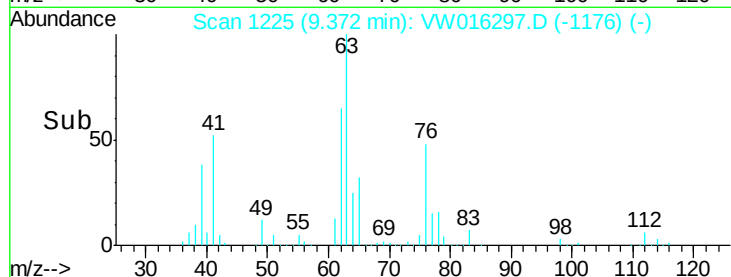
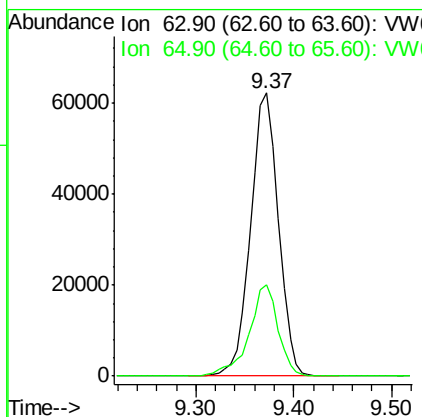
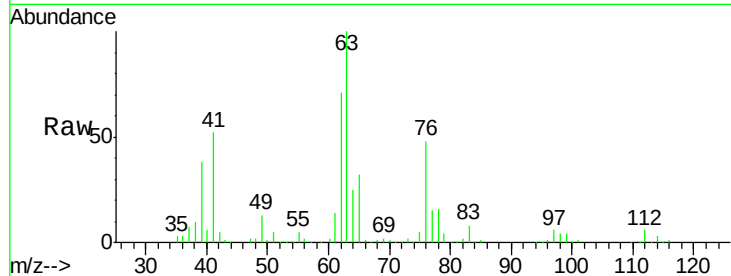
#45
 1,2-Dichloropropane
 Concen: 50.499 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.0	37.6

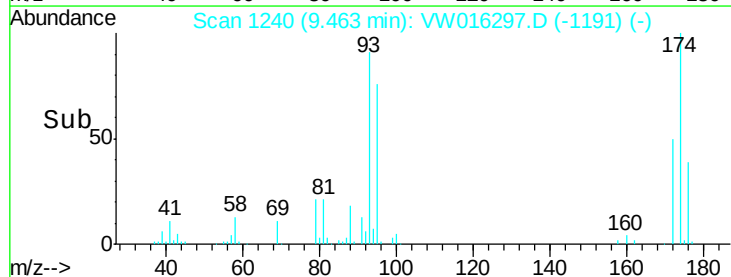
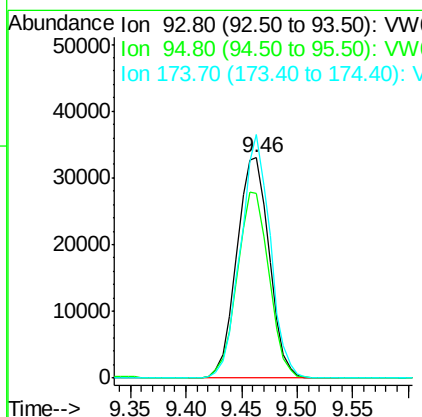
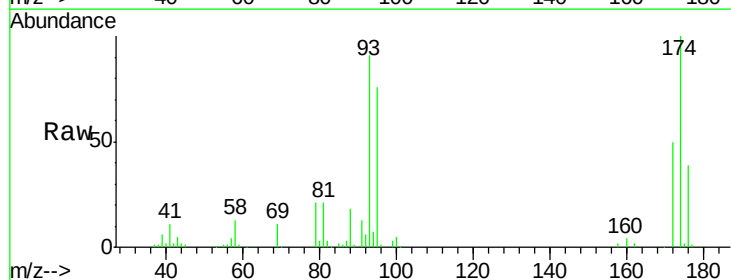
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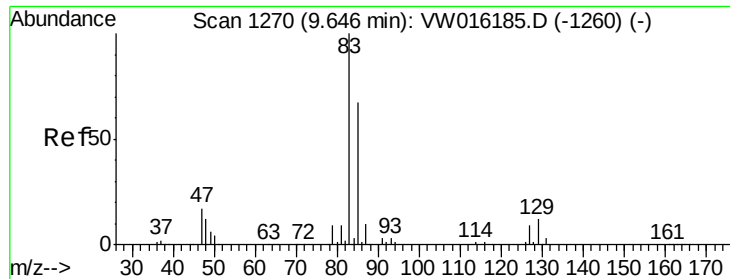
MMDadoda
 8/24/2020 4:54:58 PM



#46
 Dibromomethane
 Concen: 52.525 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.9	98.9
174	101.1	77.0	115.6





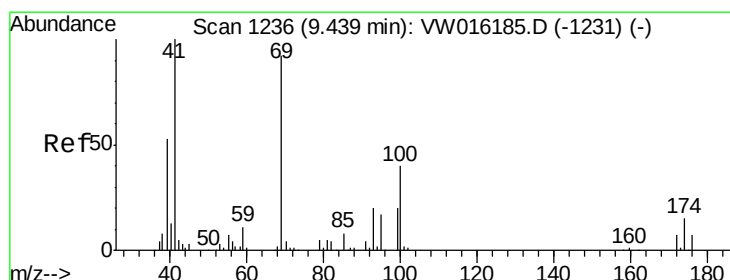
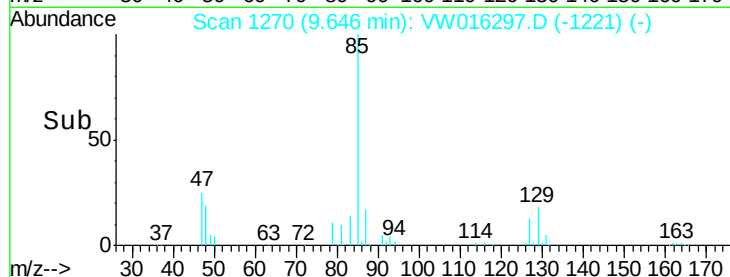
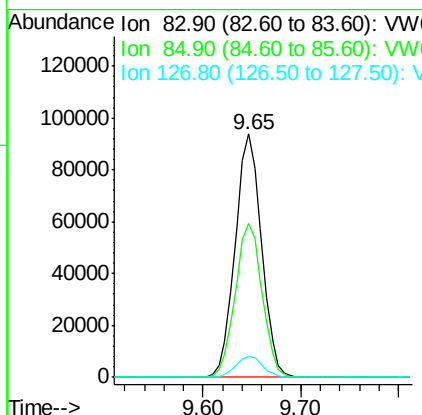
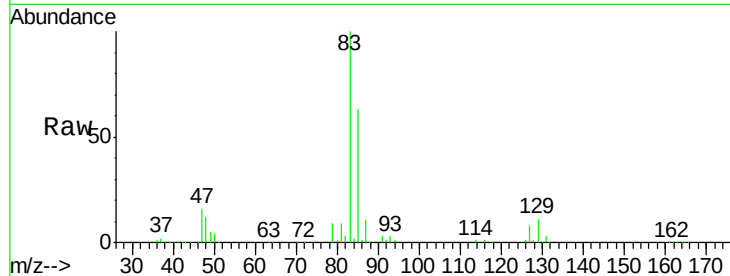
#47
Bromodichloromethane
Concen: 53.225 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	175367
Ion Ratio	Lower	Upper	
83	100		
85	63.1	53.3	79.9
127	8.5	7.4	11.2

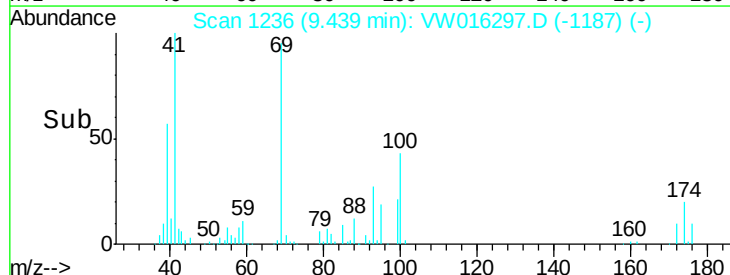
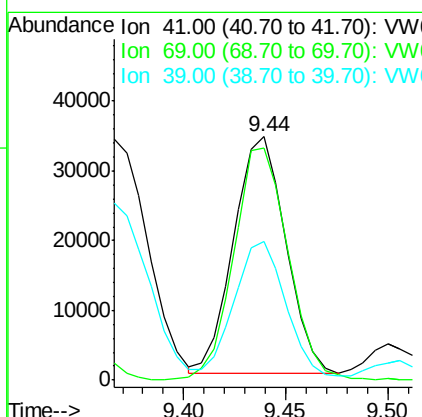
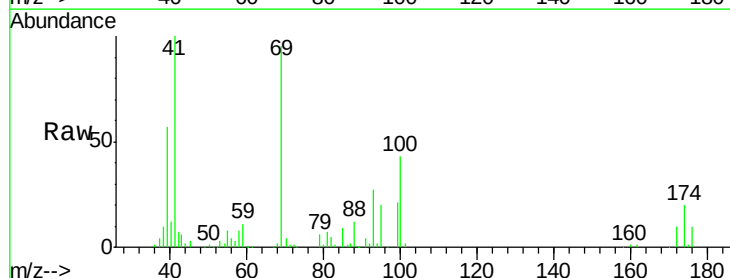
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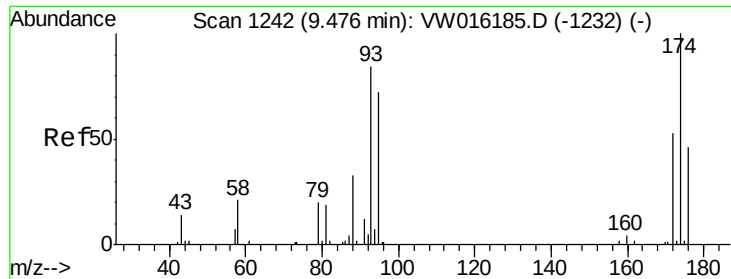
MMDadoda
8/24/2020 4:54:58 PM



#48
Methyl methacrylate
Concen: 54.828 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	41	Resp	60222
Ion Ratio	Lower	Upper	
41	100		
69	102.7	77.4	116.0
39	55.1	42.2	63.2





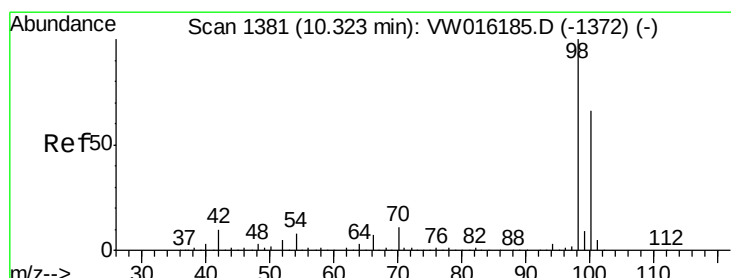
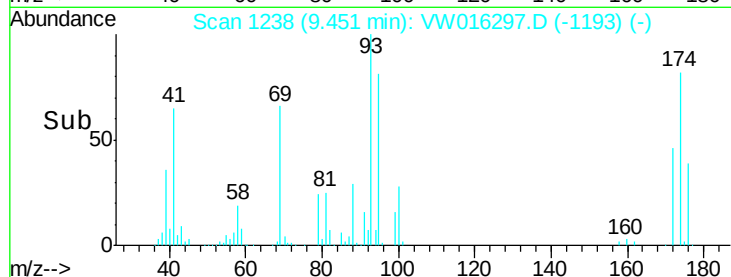
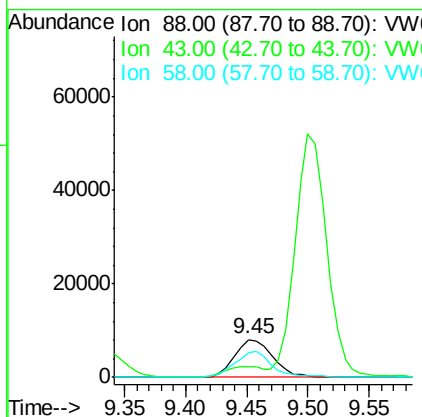
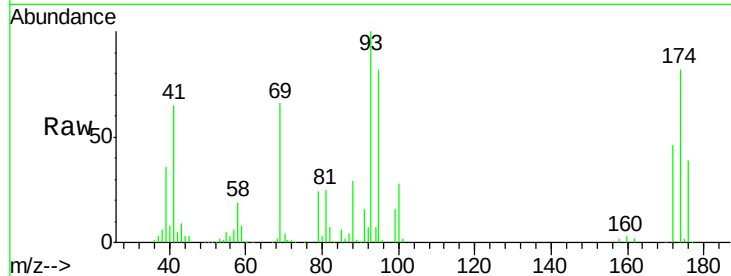
#49
1,4-Dioxane
Concen: 1082.684 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	17386
Ion	Ratio	Lower	Upper
88	100		
43	27.2	0.0	0.0#
58	68.7	56.6	84.8

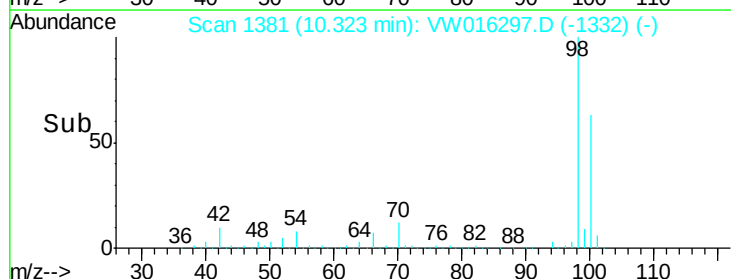
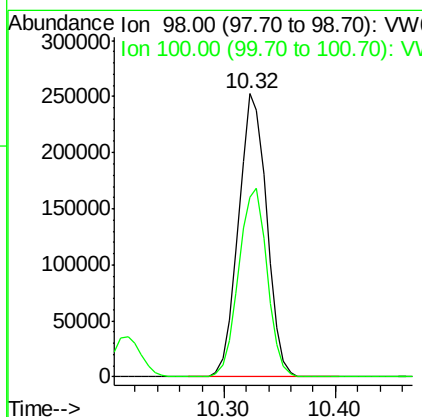
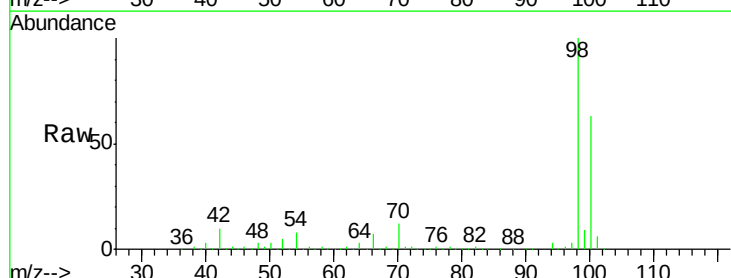
Manual Integrations
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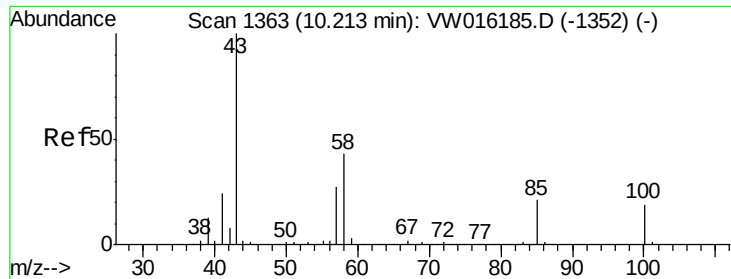
MMDadoda
8/24/2020 4:54:58 PM



#50
Toluene-d8
Concen: 49.993 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	98	Resp	443959
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 267.117 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 319205

Ion Ratio Lower Upper

43 100

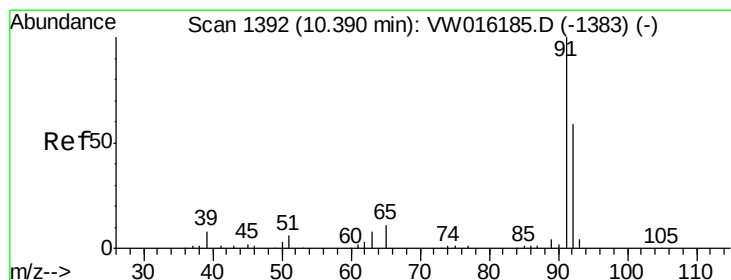
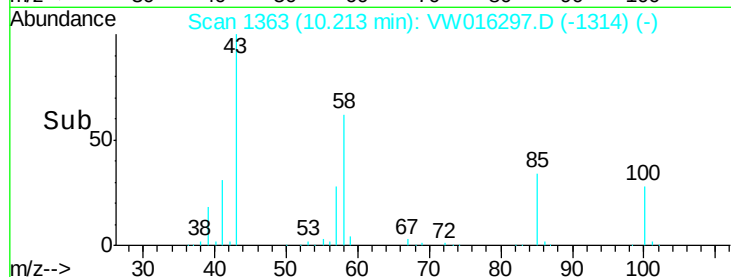
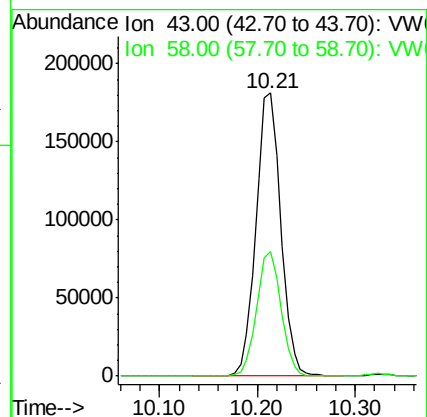
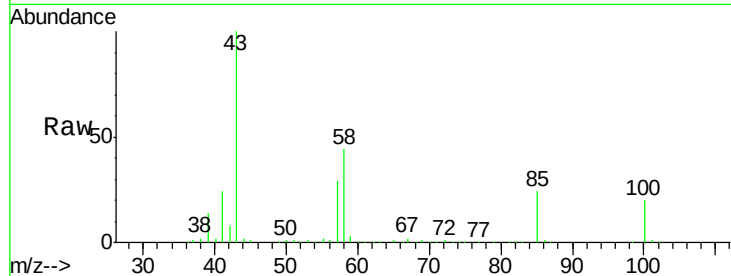
58 43.3 33.7 50.5

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 51.588 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016297.D

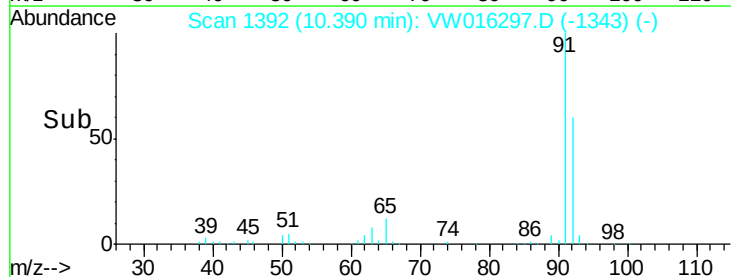
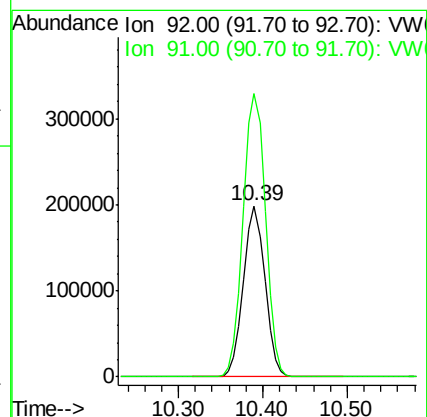
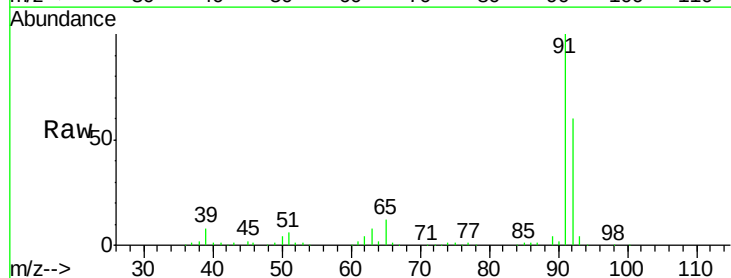
Acq: 21 Aug 2020 11:14

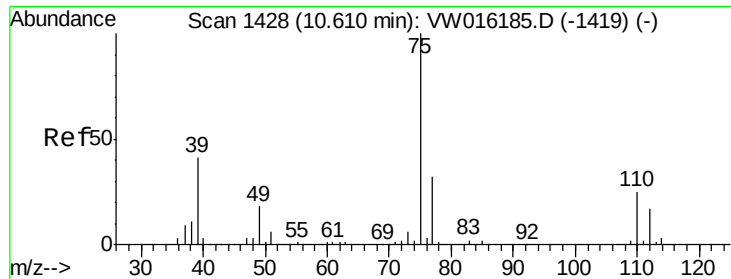
Tgt Ion: 92 Resp: 340407

Ion Ratio Lower Upper

92 100

91 172.5 133.3 199.9





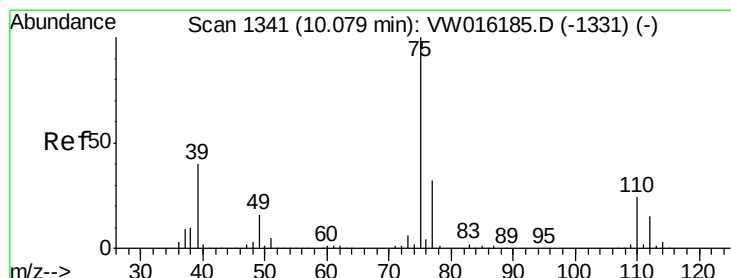
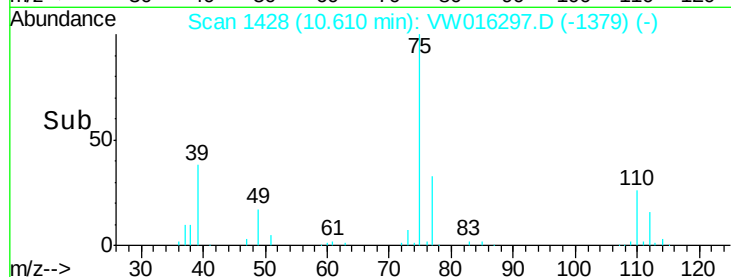
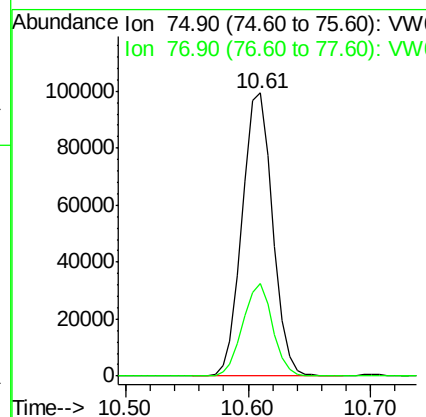
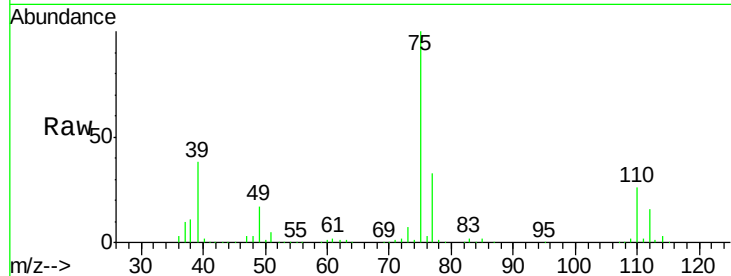
#53
t-1,3-Dichloropropene
Concen: 56.357 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.6	38.4

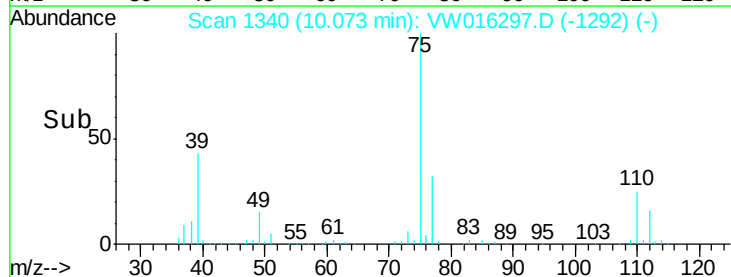
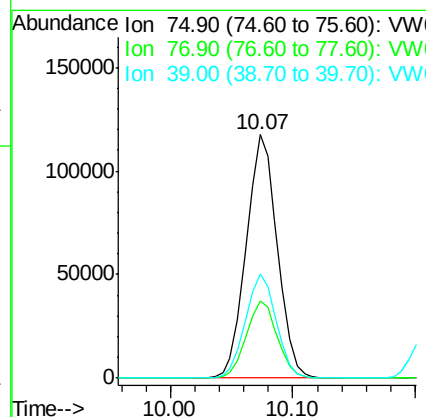
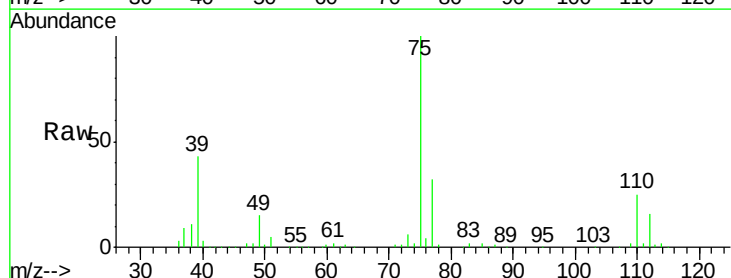
Manual Integrations
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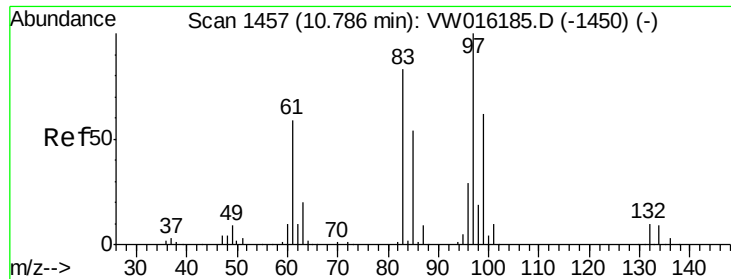
MMDadoda
8/24/2020 4:54:58 PM



#54
cis-1,3-Dichloropropene
Concen: 54.601 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	42.7	32.3	48.5





#55

1,1,2-Trichloroethane

Concen: 52.590 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

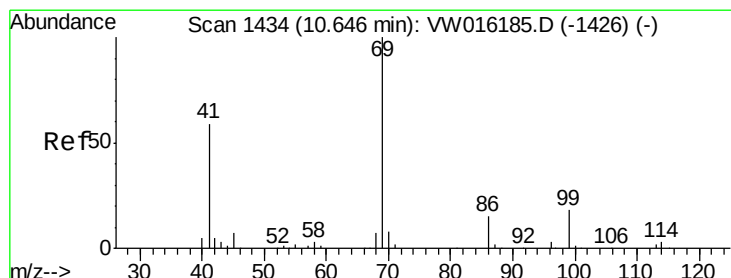
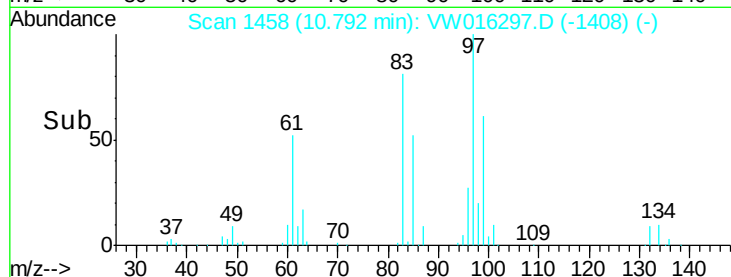
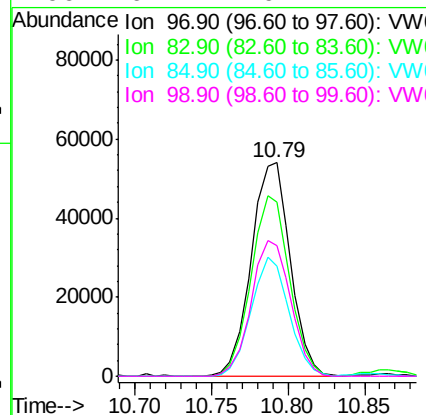
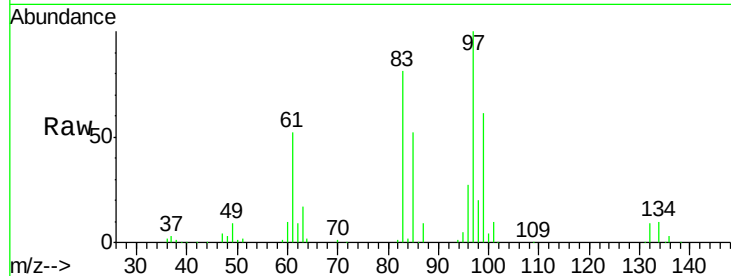
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96231	97	100			
	83	81.4	66.6	100.0	
	85	51.5	43.0	64.4	
	99	61.1	49.4	74.2	

Manual Integrations
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MMDadoda
8/24/2020 4:54:58 PM



#56

Ethyl methacrylate

Concen: 58.547 ug/l

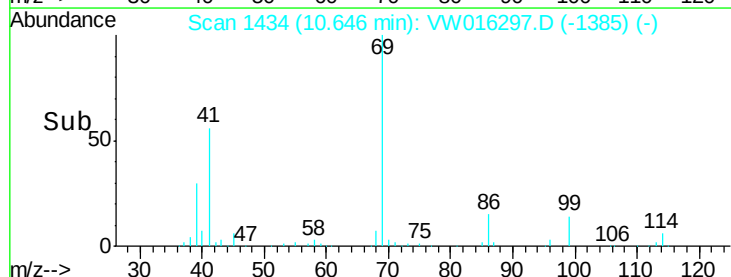
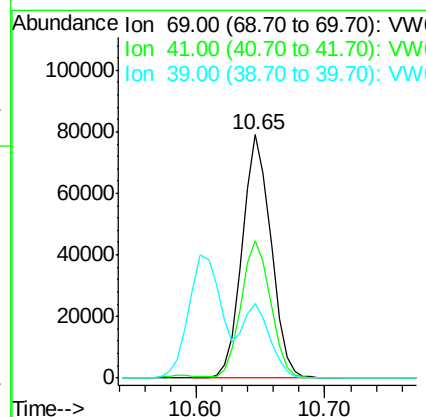
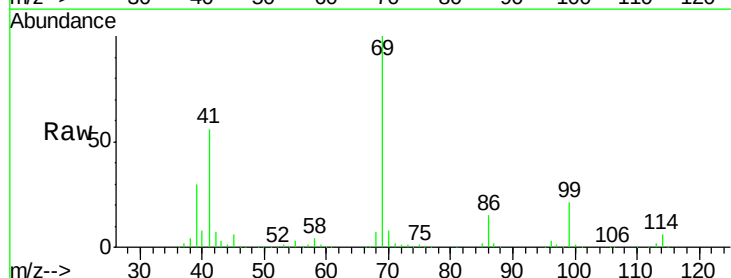
RT: 10.65 min Scan# 1434

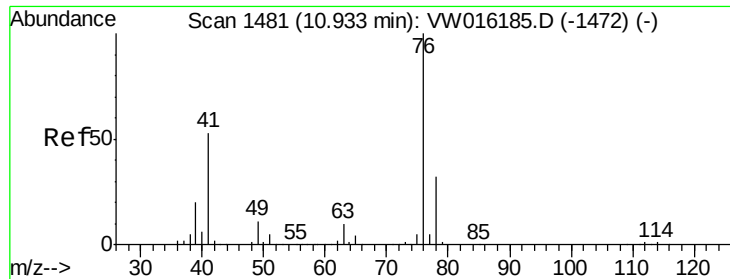
Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
122171	69	100			
	41	58.0	47.6	71.4	
	39	29.6	24.6	36.8	





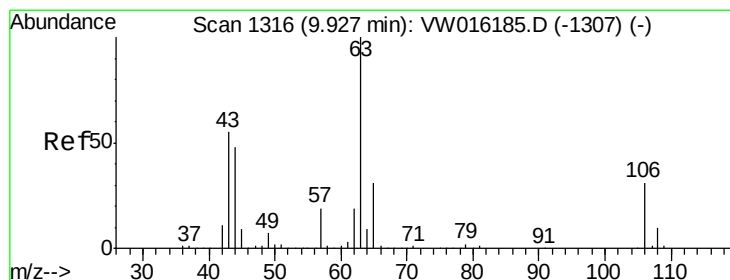
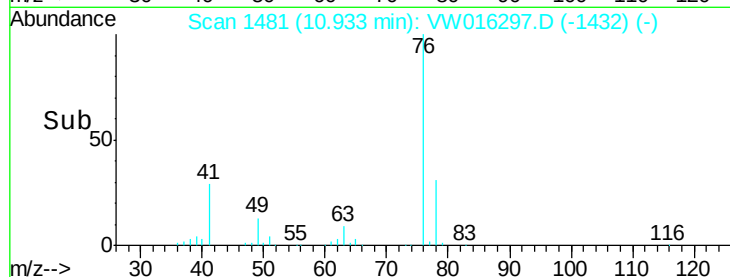
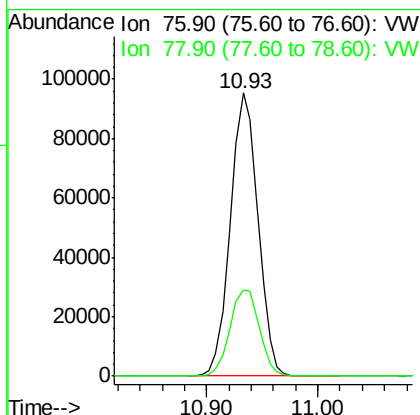
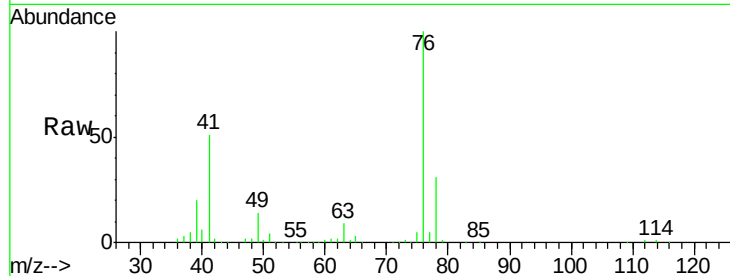
#57
 1,3-Dichloropropane
 Concen: 52.613 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

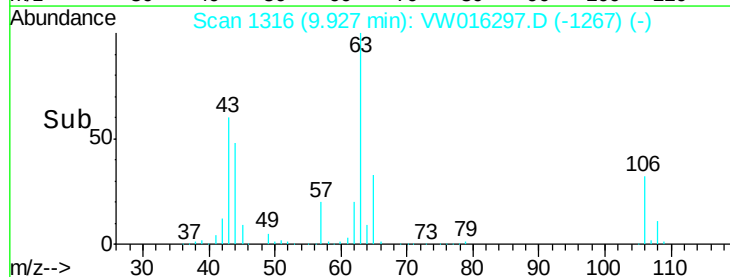
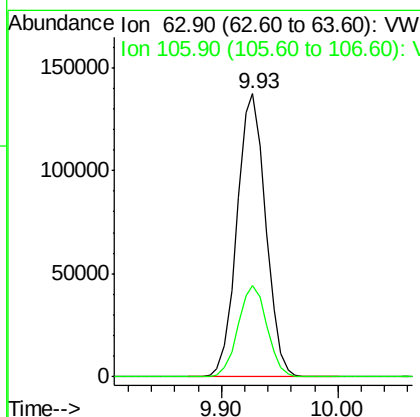
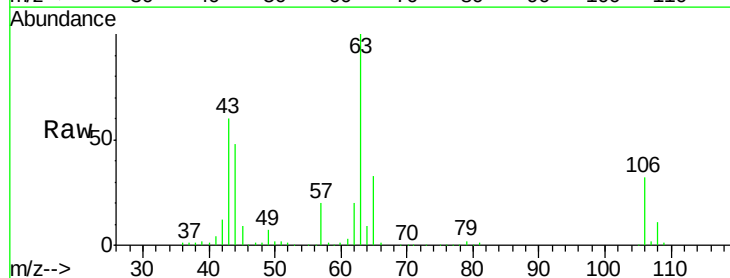
Manual Integrations
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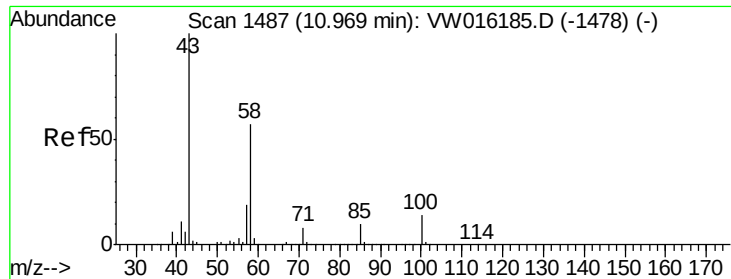
MMDadoda
 8/24/2020 4:54:58 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.929 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.3	24.9	37.3





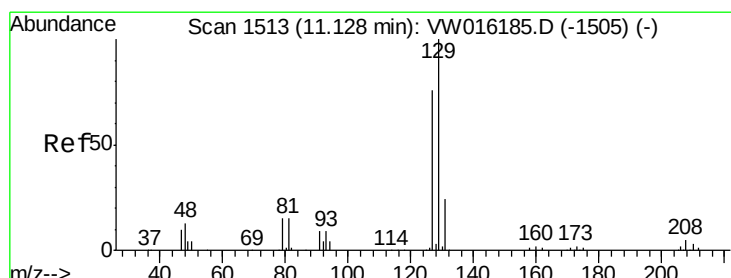
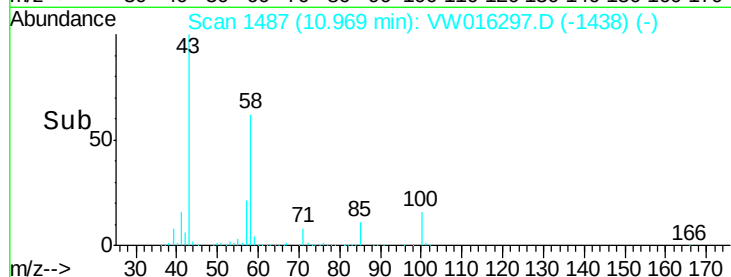
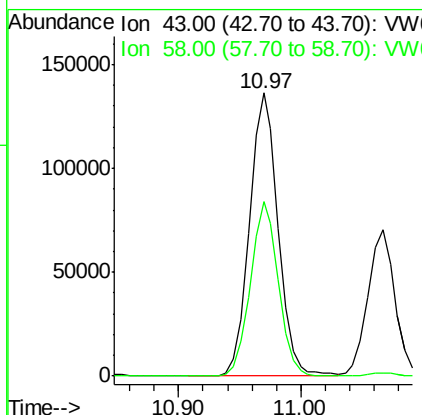
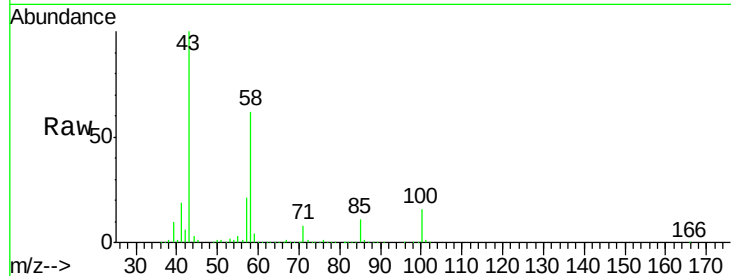
#59
2-Hexanone
Concen: 271.606 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	222040
Ion Ratio	100	Lower	Upper
43	100		
58	60.1	28.8	86.5

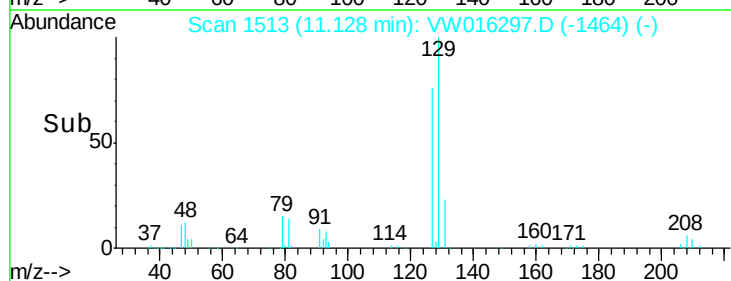
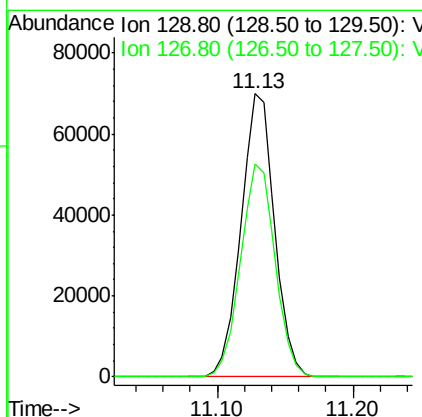
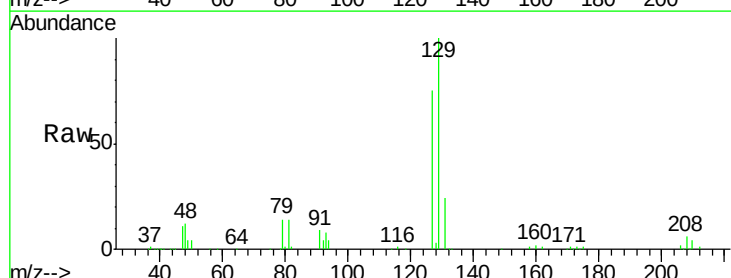
Manual Integrations
APPROVED

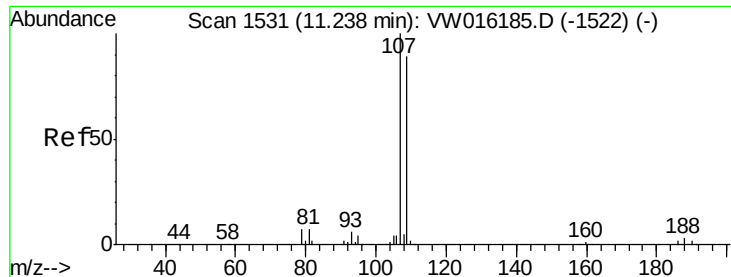
MMDadoda
8/24/2020 4:54:58 PM



#60
Dibromochloromethane
Concen: 55.167 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	129	Resp	120087
Ion Ratio	100	Lower	Upper
129	100		
127	77.4	38.3	114.8





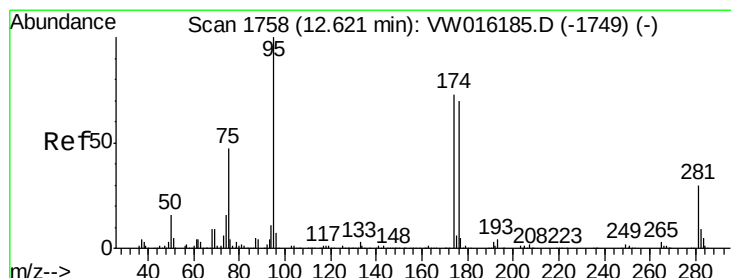
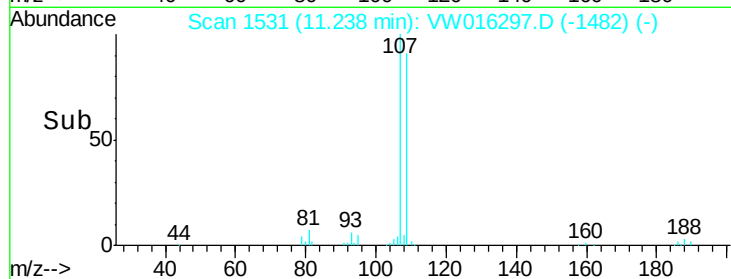
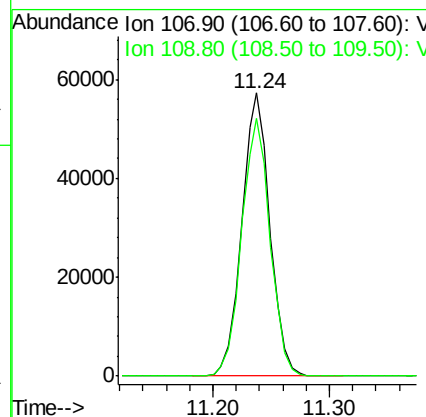
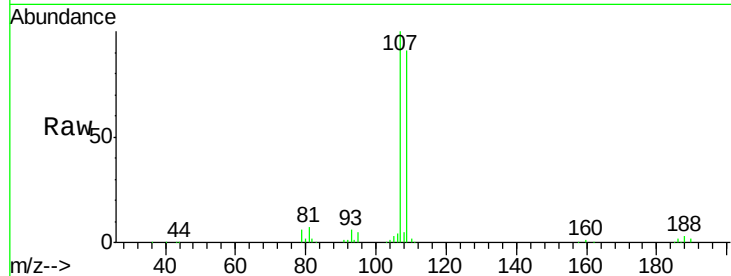
#61
 1,2-Dibromoethane
 Concen: 54.286 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	74.7	112.1

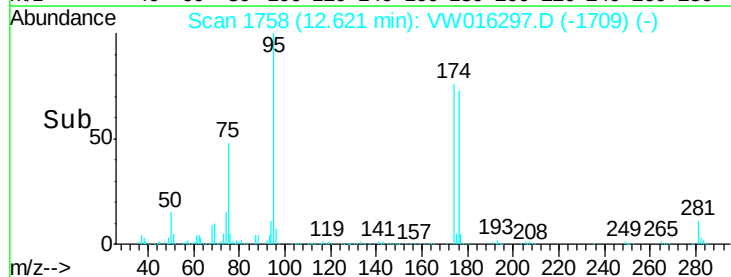
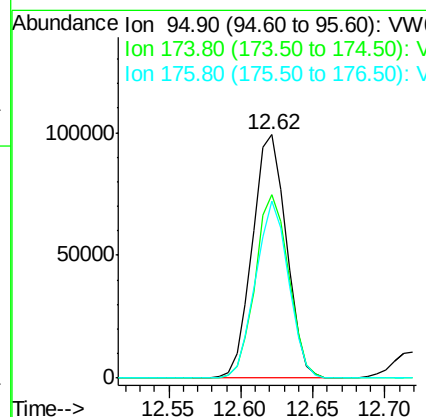
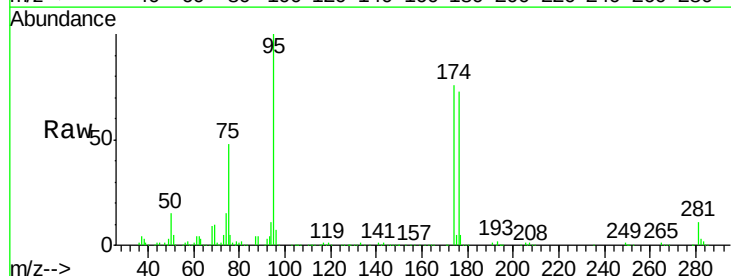
Manual Integrations
 APPROVED

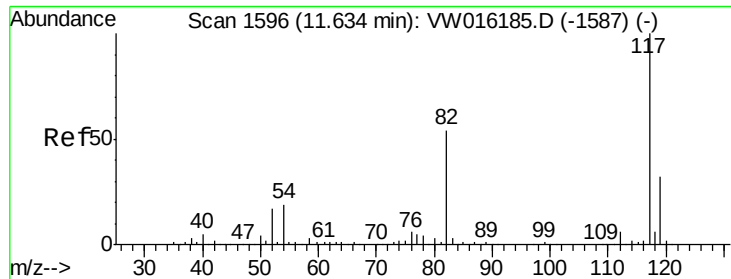
MMDadoda
 8/24/2020 4:54:58 PM



#62
 4-Bromofluorobenzene
 Concen: 50.894 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	145.6
176	70.5	0.0	137.8





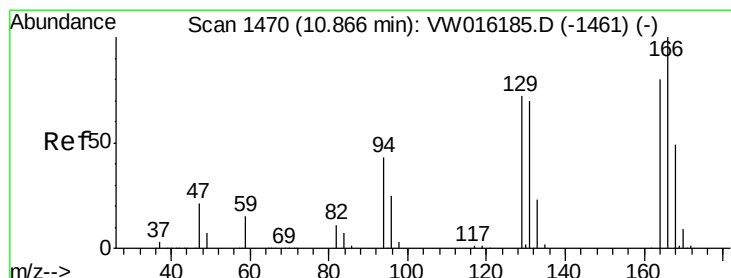
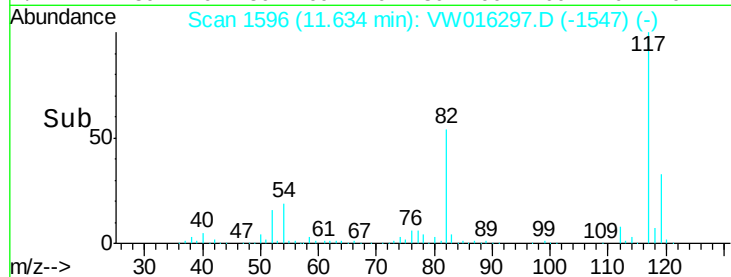
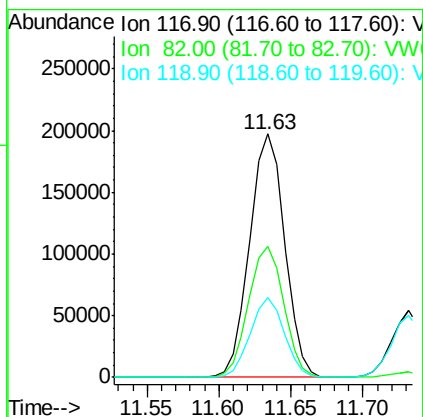
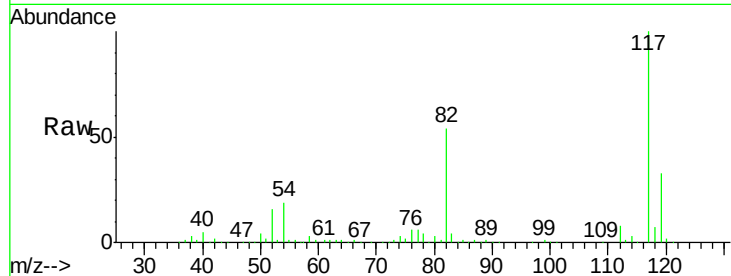
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.6	65.4
119	32.6	25.4	38.0

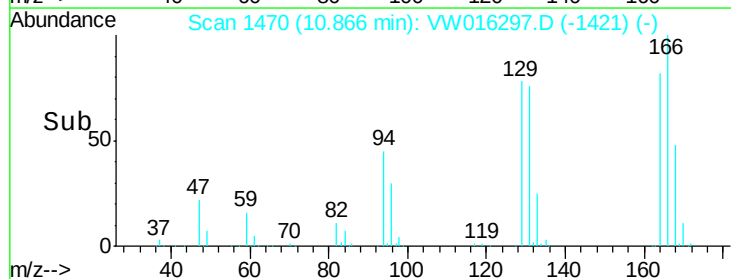
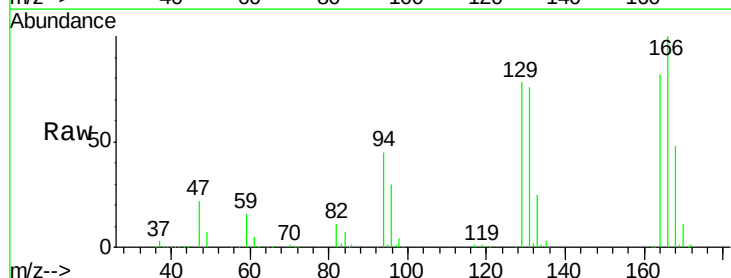
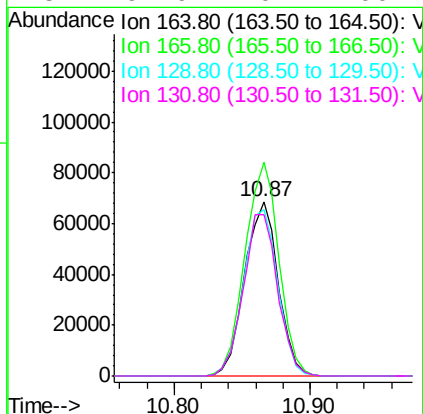
Manual Integrations
APPROVED

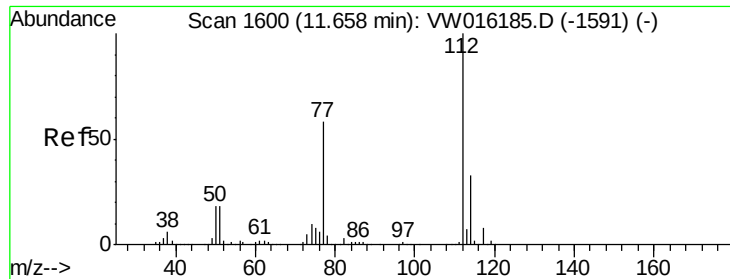
MMDadoda
8/24/2020 4:54:58 PM



#64
Tetrachloroethene
Concen: 54.515 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.6	100.3	150.5
129	95.4	72.2	108.4
131	92.9	70.7	106.1





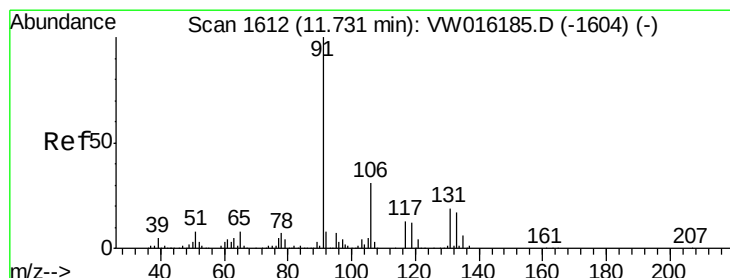
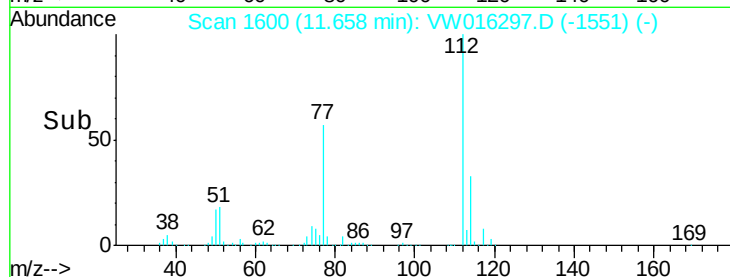
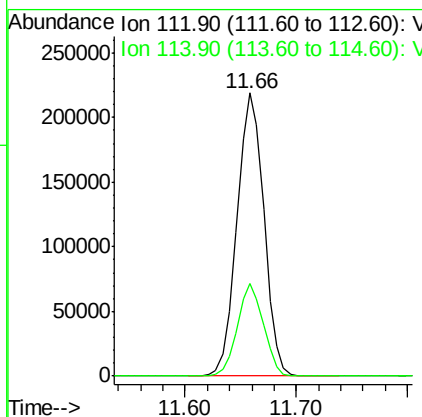
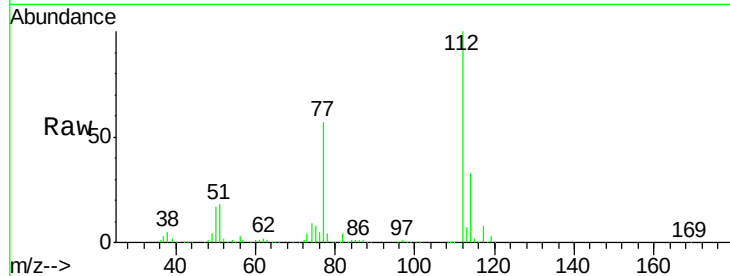
#65
Chlorobenzene
Concen: 53.828 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	365741		
114	32.8	26.6	39.8	

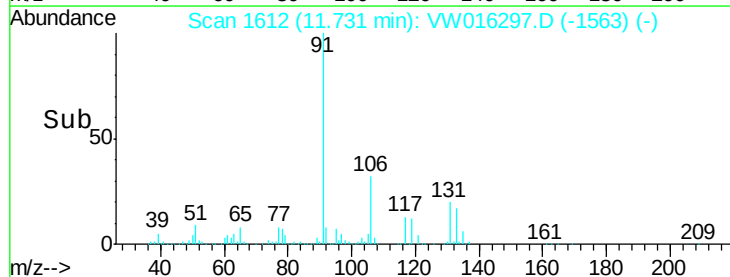
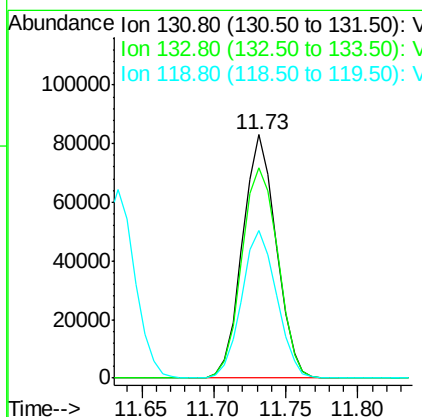
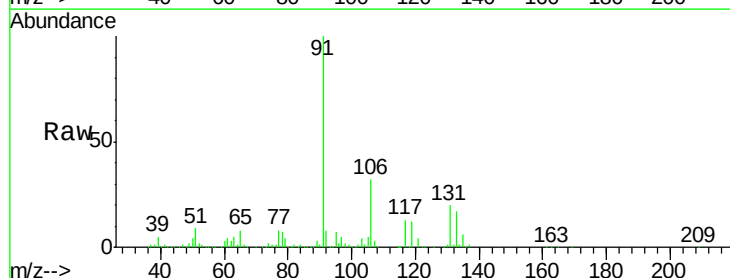
Manual Integrations
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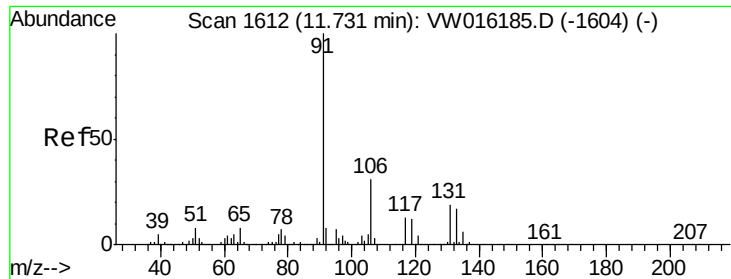
MMDadoda
8/24/2020 4:54:58 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 56.863 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	135050		
133	92.3	47.1	141.3	
119	62.6	33.1	99.3	





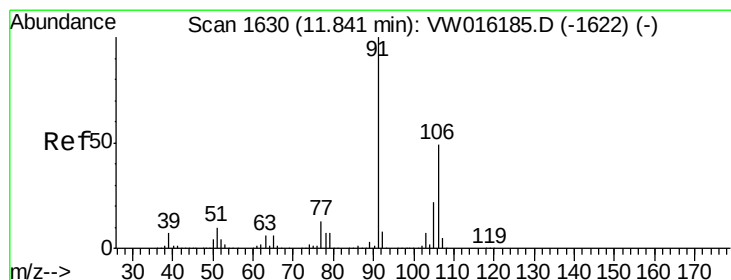
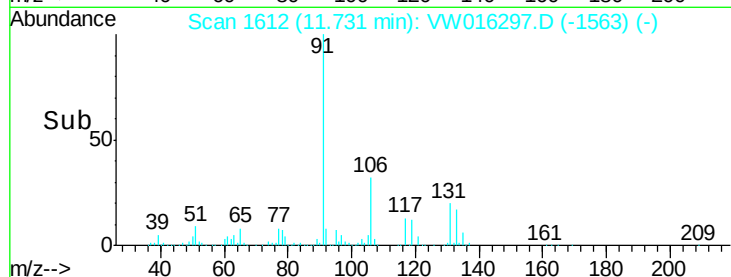
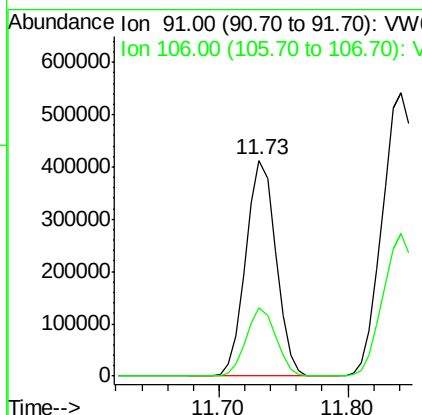
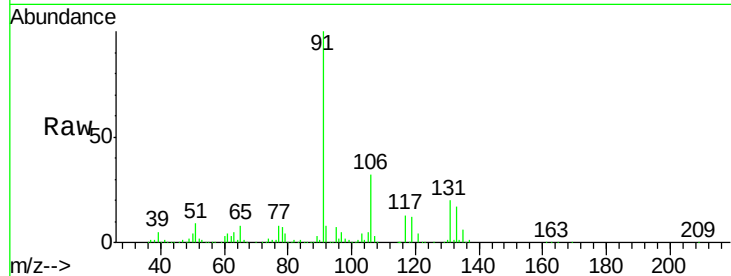
#67
Ethyl Benzene
Concen: 54.662 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.9	37.3

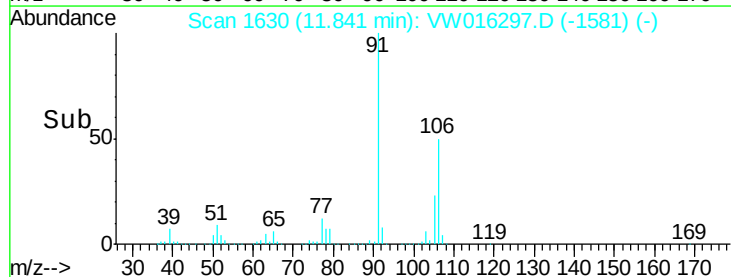
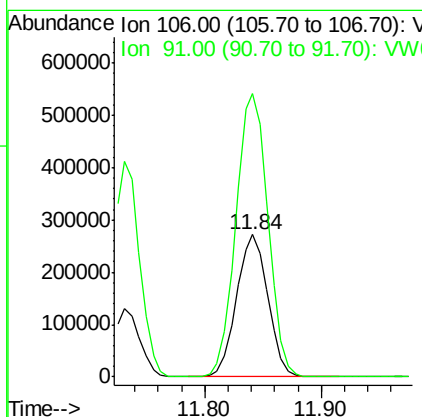
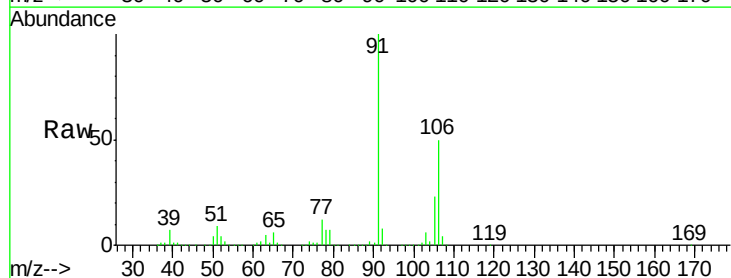
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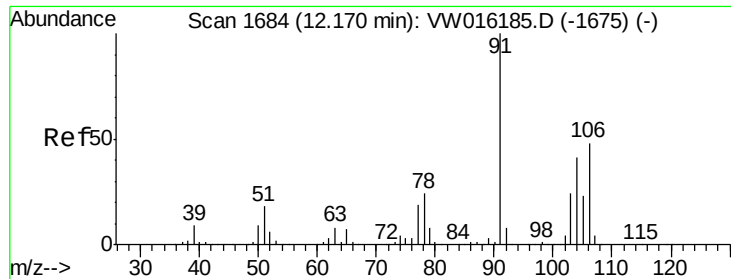
MMDadoda
8/24/2020 4:54:58 PM



#68
m/p-Xylenes
Concen: 107.711 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.3	161.4	242.2





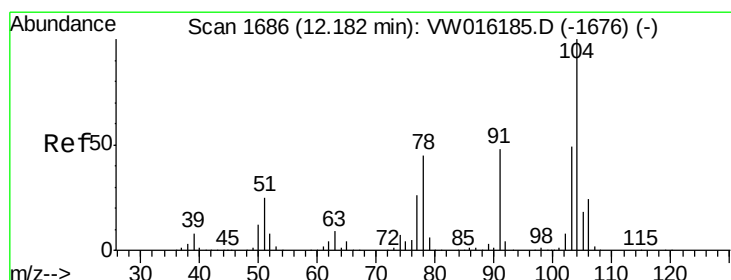
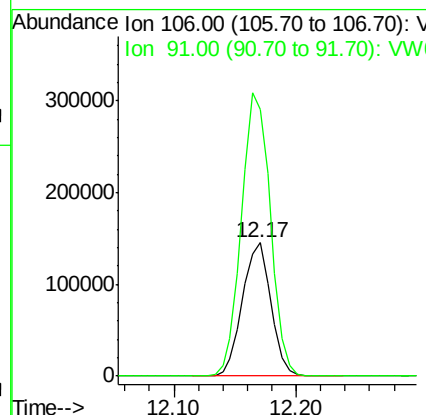
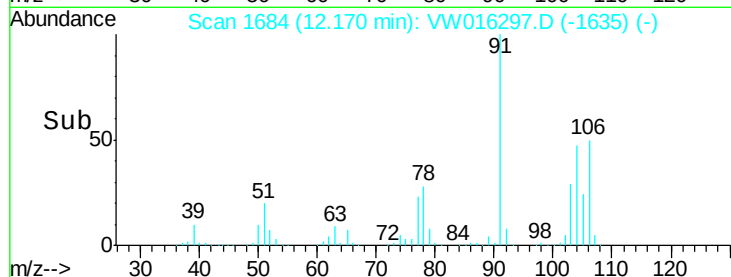
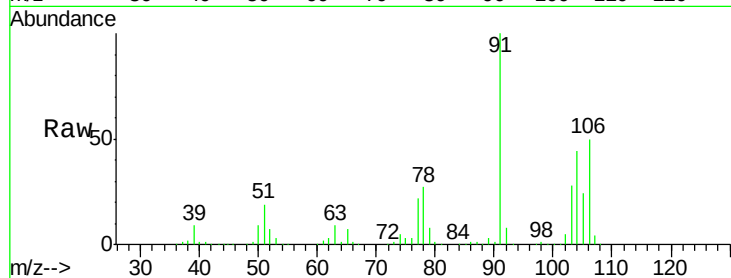
#69
o-Xylene
Concen: 56.001 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	234177		
91	215.8	106.0	317.9	

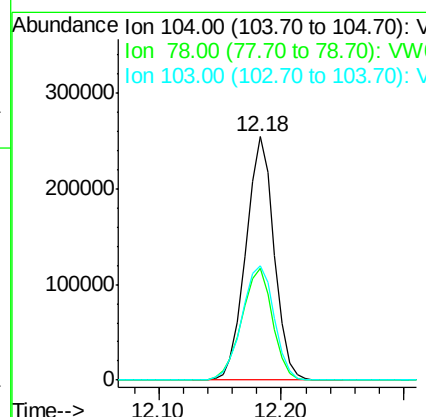
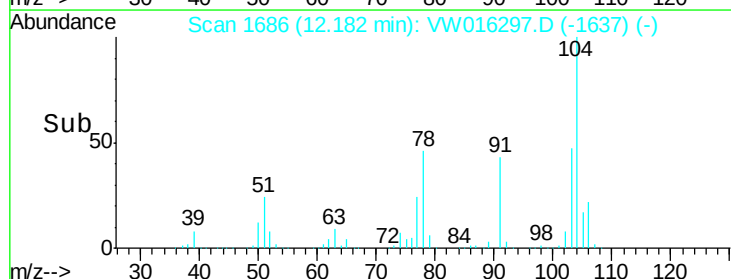
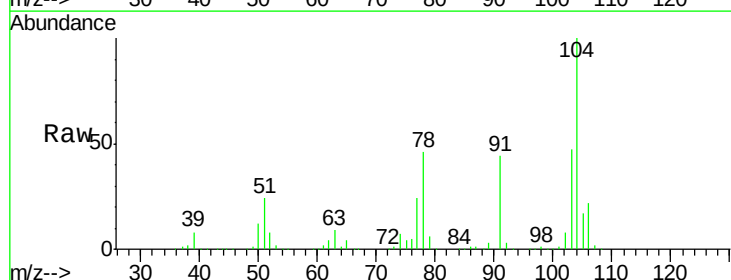
Manual Integrations
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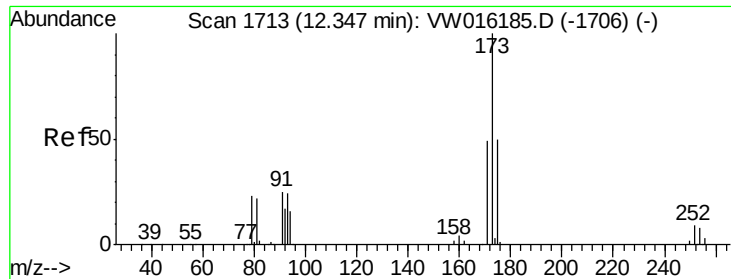
MMDadoda
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#70
Styrene
Concen: 56.465 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	408581		
78	50.0	39.4	59.2	
103	53.4	42.9	64.3	





#71

Bromoform

Concen: 59.857 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 63623

Ion Ratio Lower Upper

173 100

175 46.9 24.7 74.1

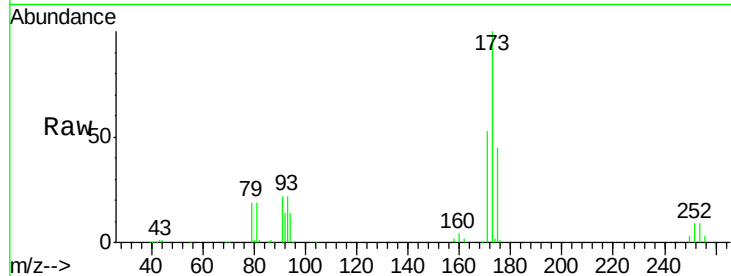
254 0.0 0.0 0.0

Manual Integrations

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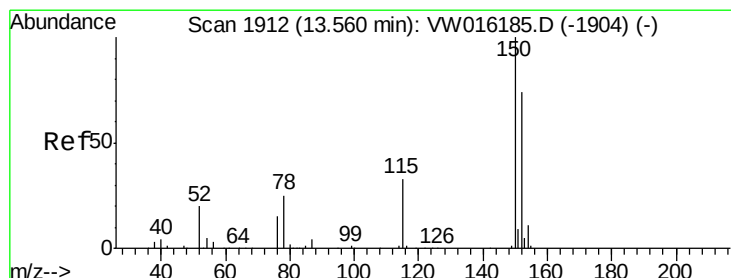
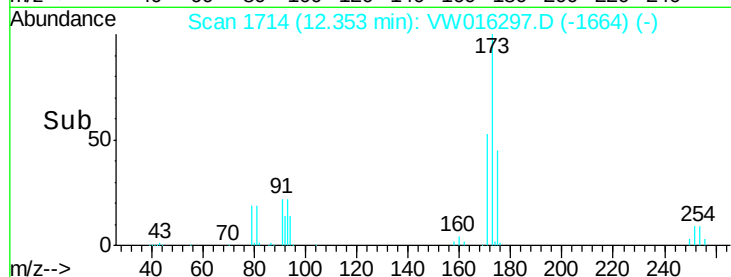
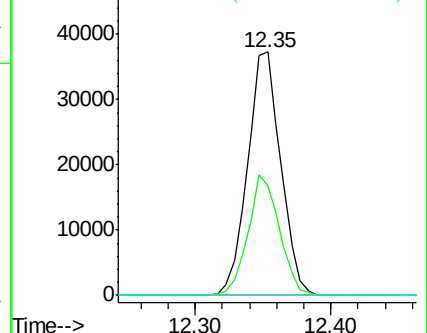
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW016297.D

Acq: 21 Aug 2020 11:14

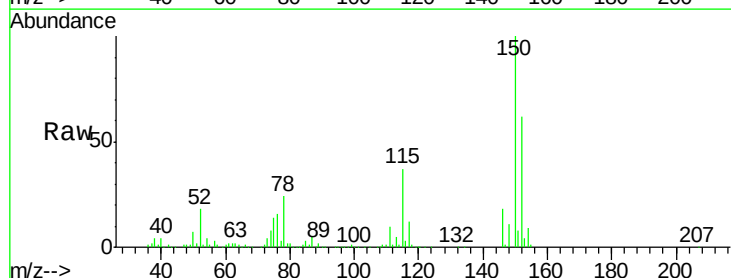
Tgt Ion:152 Resp: 154061

Ion Ratio Lower Upper

152 100

115 63.9 30.9 92.5

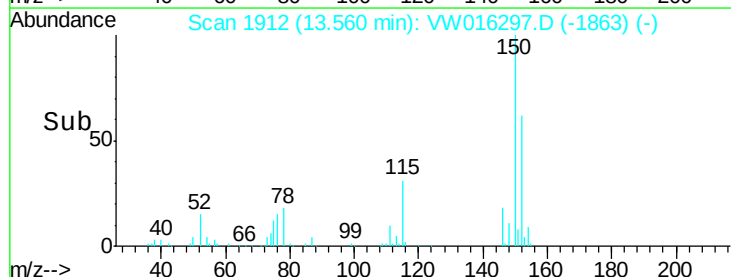
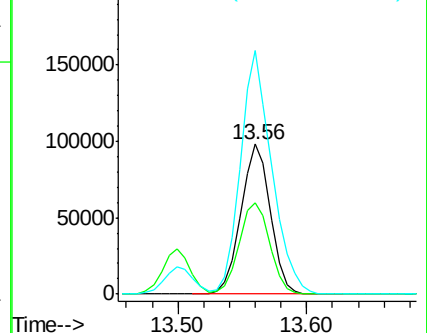
150 173.6 0.0 337.8

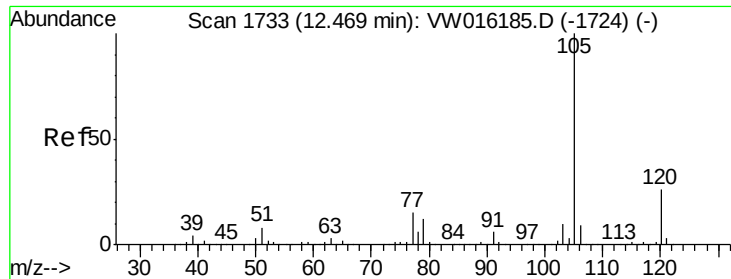


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





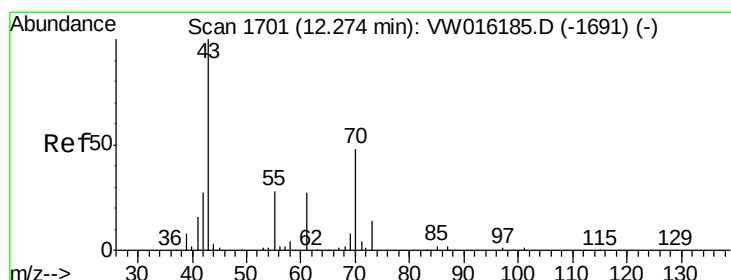
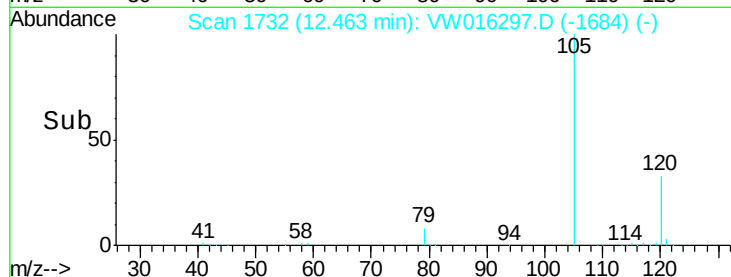
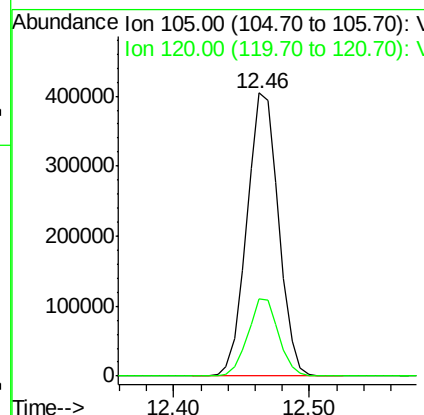
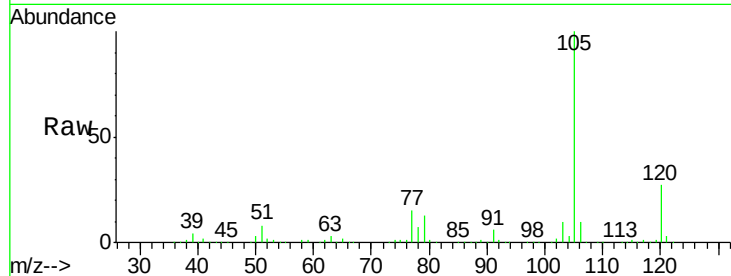
#73
Isopropylbenzene
Concen: 56.026 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.6

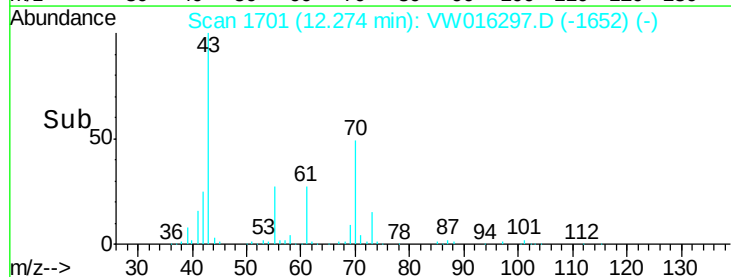
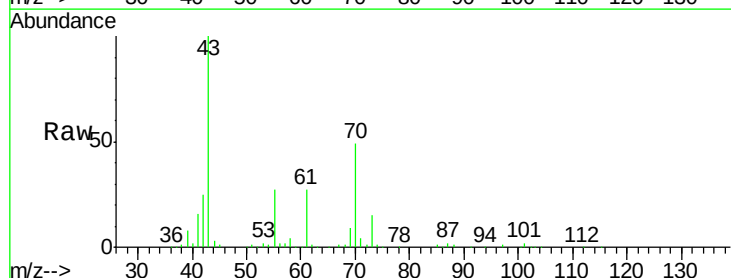
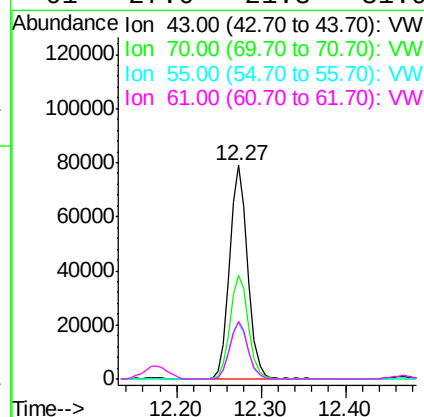
Manual Integrations
APPROVED

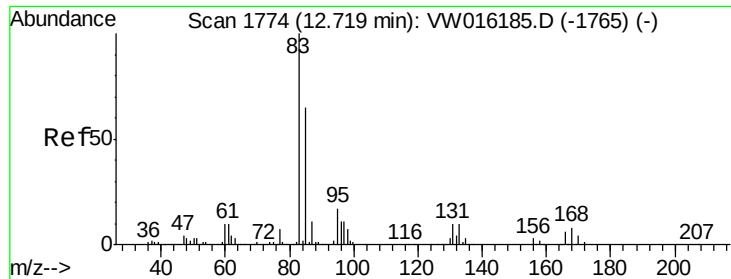
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#74
N-ethyl acetate
Concen: 55.828 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.0	38.6	58.0
55	26.9	22.2	33.2
61	27.0	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.611 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

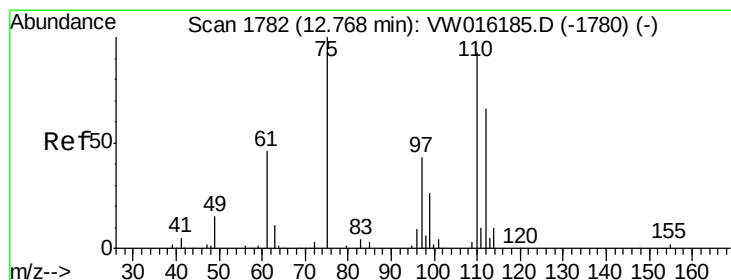
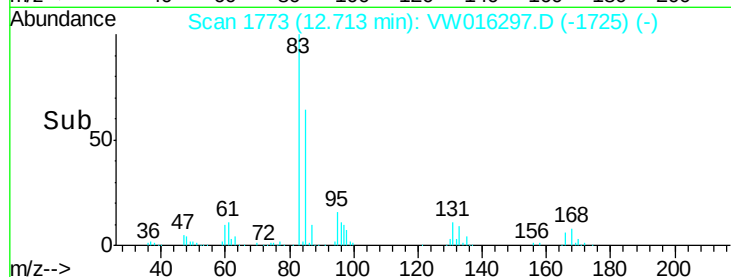
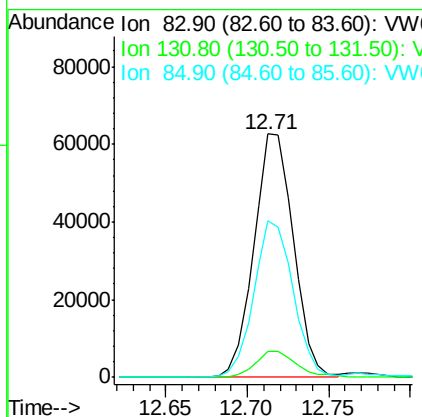
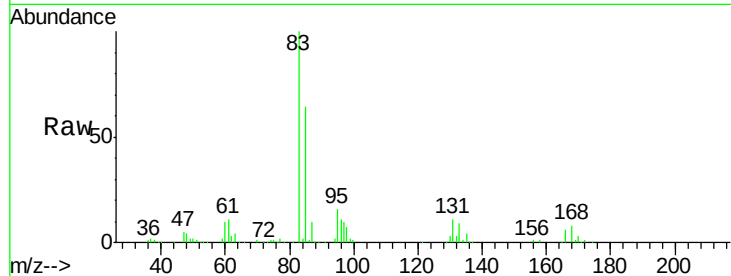
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	105315
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	63.7	31.3	93.9

Manual Integrations
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8/24/2020 4:54:58 PM



#76

1,2,3-Trichloropropane

Concen: 51.731 ug/l m

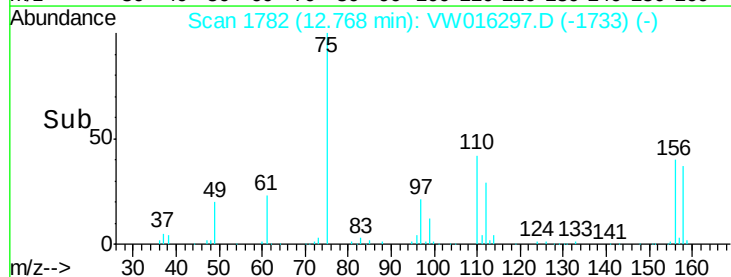
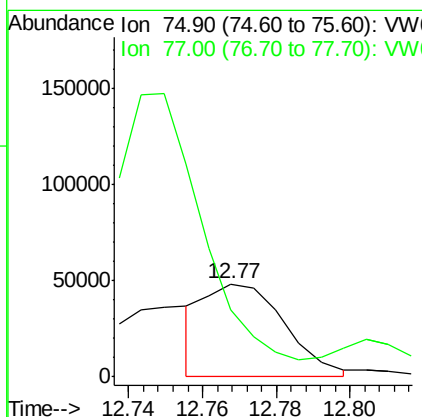
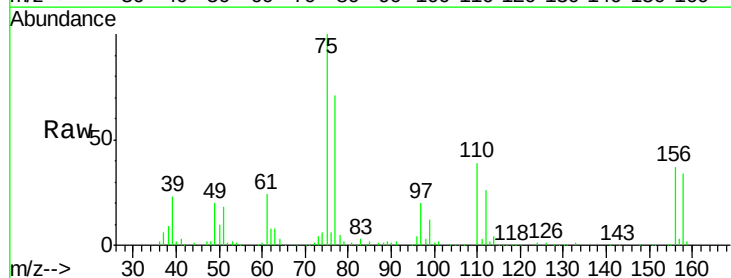
RT: 12.77 min Scan# 1782

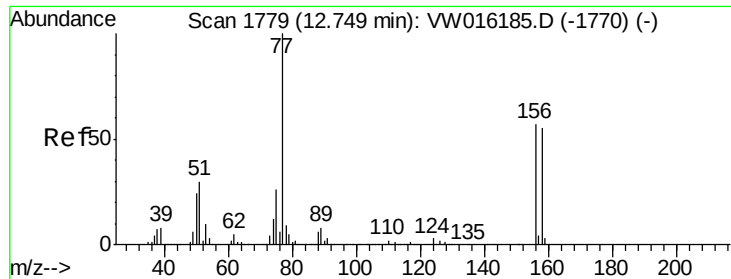
Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Tgt Ion:	75	Resp:	73295
Ion Ratio	Lower	Upper	
75	100		
77	366.8	173.6	520.6





#77

Bromobenzene

Concen: 57.125 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

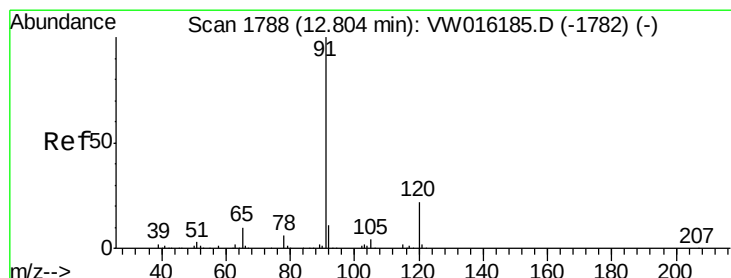
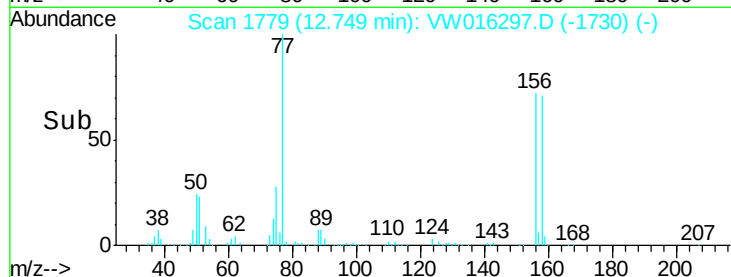
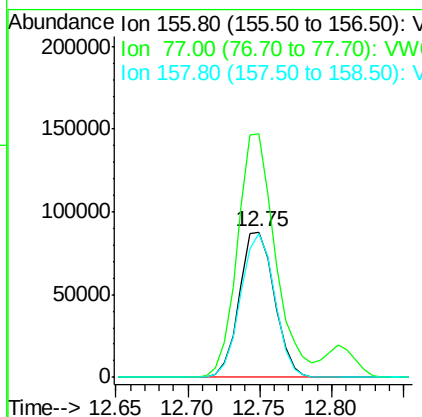
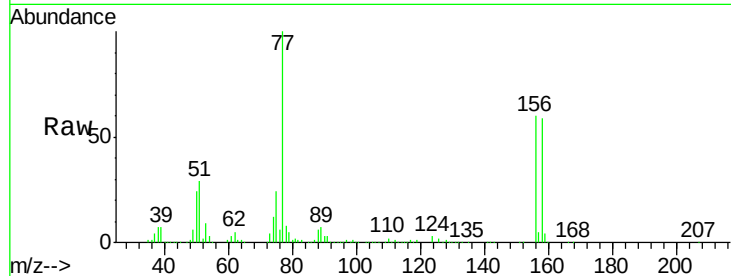
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	148336
Ion Ratio	Lower	Upper	
156	100		
77	181.3	97.9	293.6
158	96.1	49.0	147.2

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#78

n-propylbenzene

Concen: 54.896 ug/l

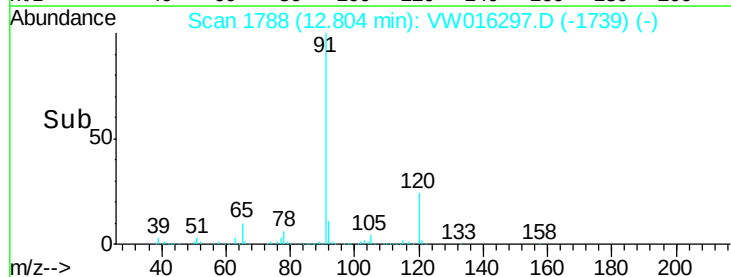
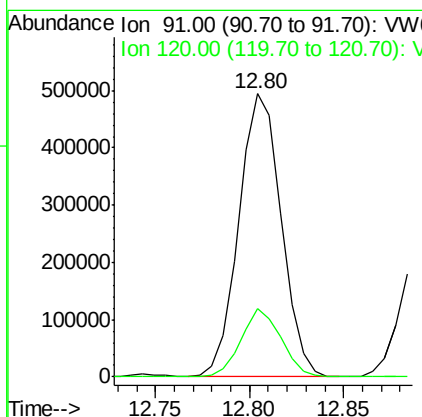
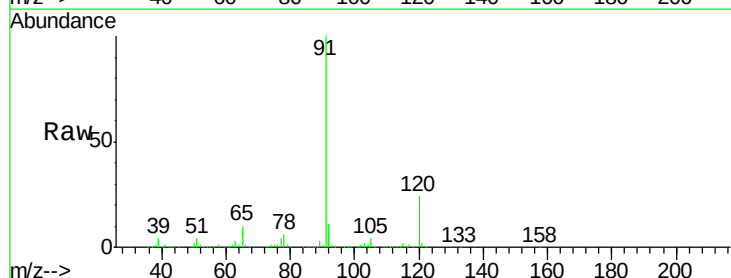
RT: 12.80 min Scan# 1788

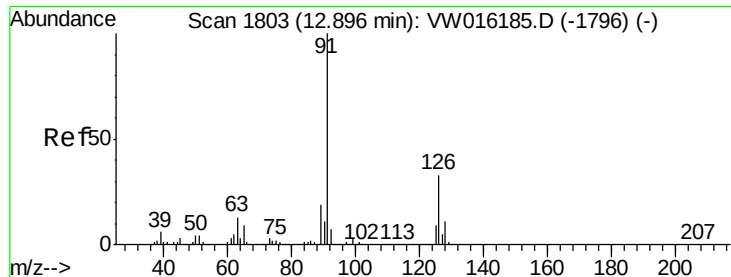
Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Tgt Ion:	91	Resp:	769263
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.6	34.7





#79

2-Chlorotoluene

Concen: 54.319 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 439703

Ion Ratio Lower Upper

91 100

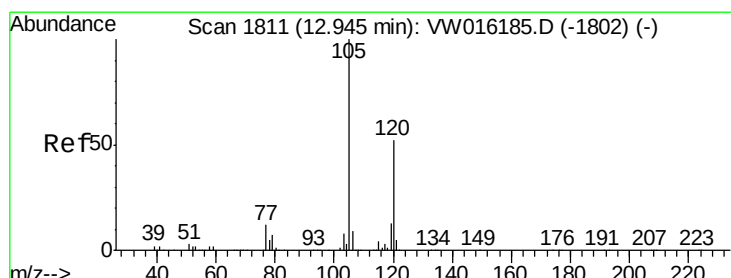
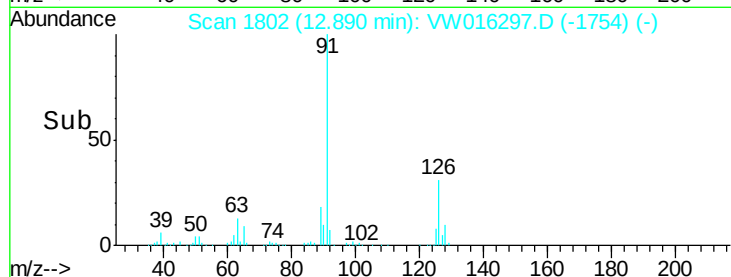
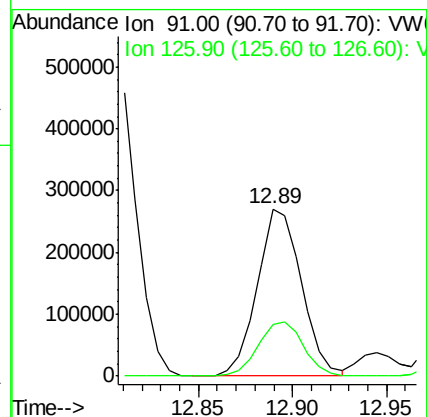
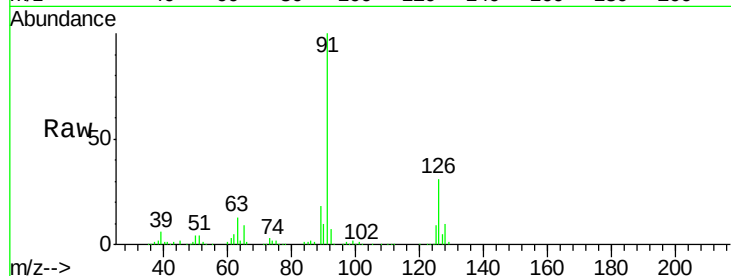
126 33.2 16.4 49.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 55.884 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016297.D

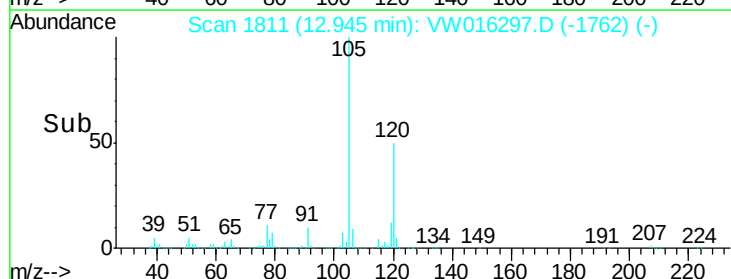
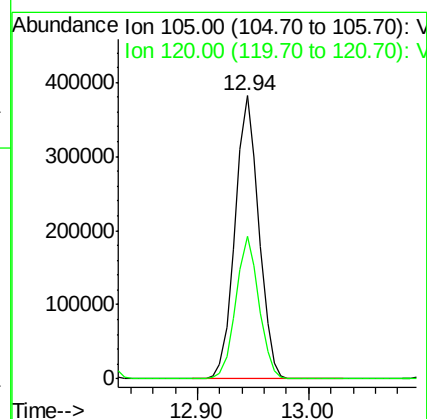
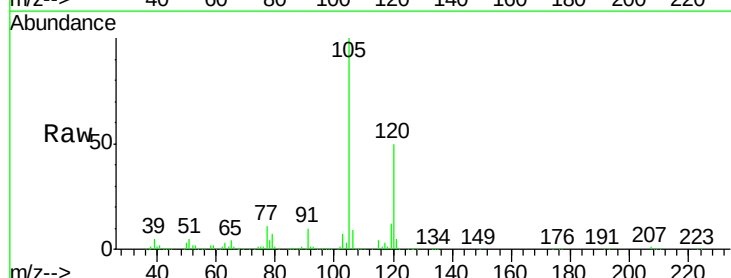
Acq: 21 Aug 2020 11:14

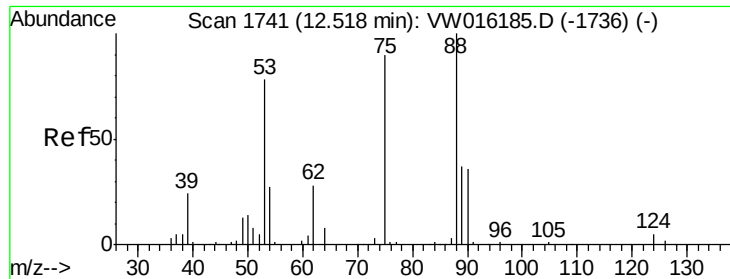
Tgt Ion:105 Resp: 563188

Ion Ratio Lower Upper

105 100

120 49.1 25.1 75.2





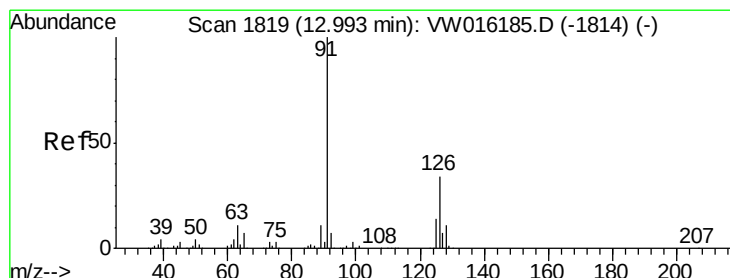
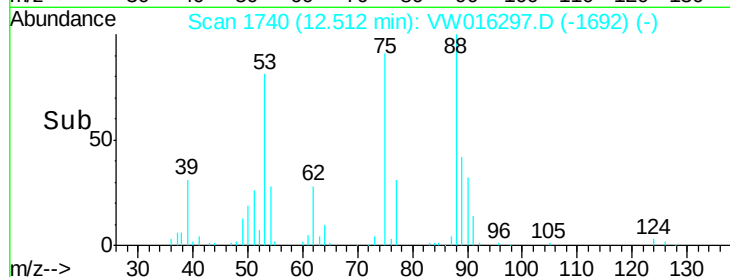
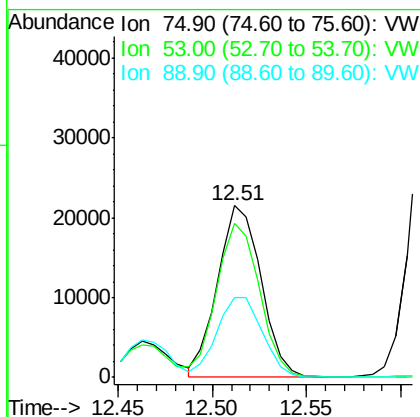
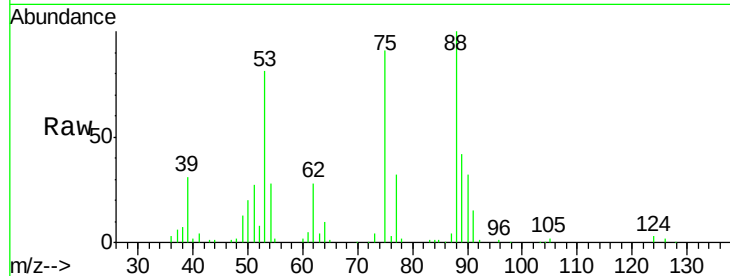
#81
trans-1,4-Dichloro-2-butene
Concen: 57.901 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.9	74.6	111.8
89	49.2	37.2	55.8

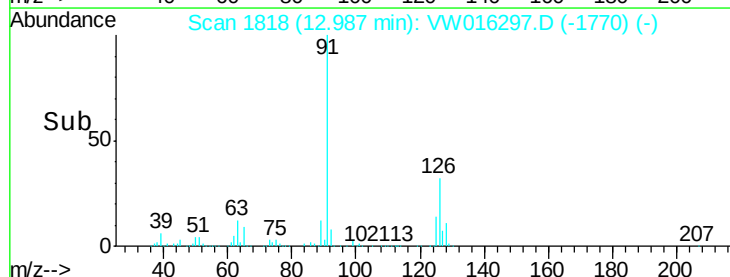
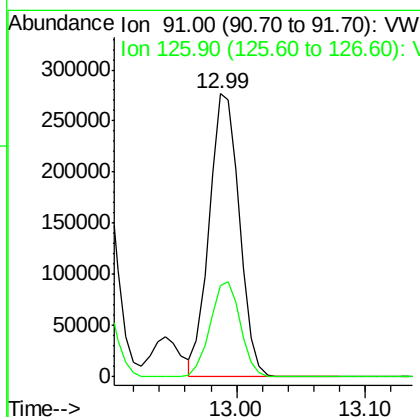
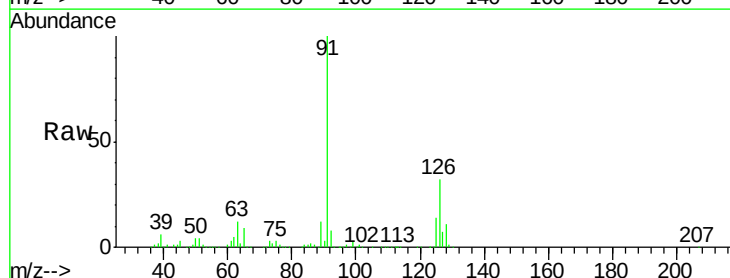
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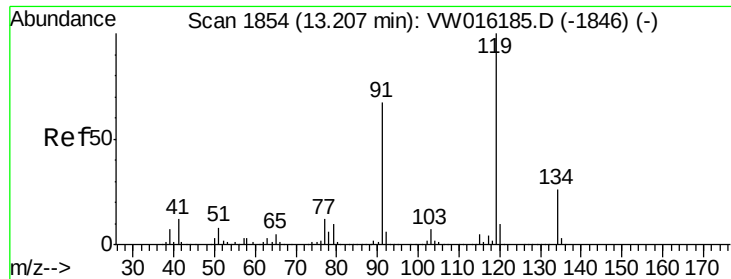
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#82
4-Chlorotoluene
Concen: 53.857 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.6	49.8





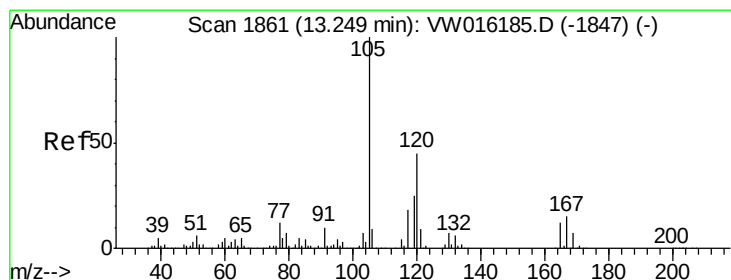
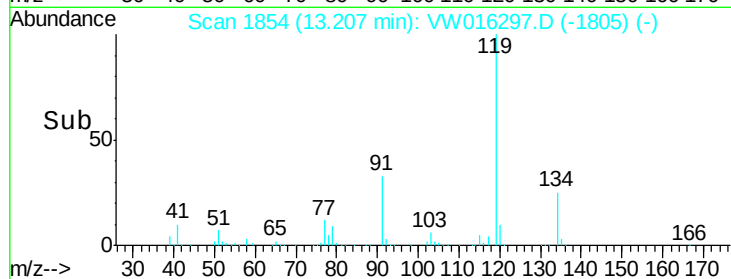
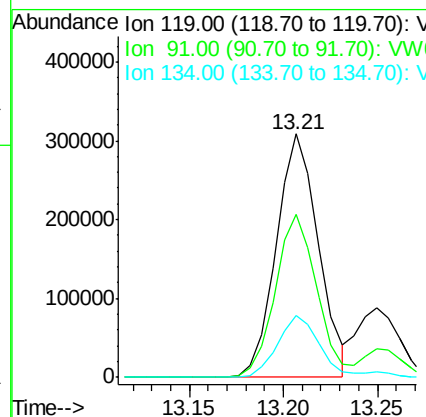
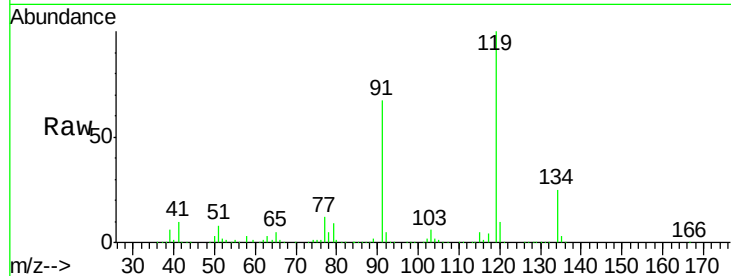
#83
tert-Butylbenzene
Concen: 57.892 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	478155		
91	66.4	33.3	99.9	
134	24.8	13.5	40.5	

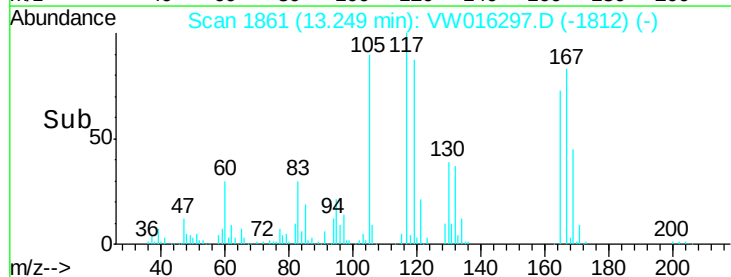
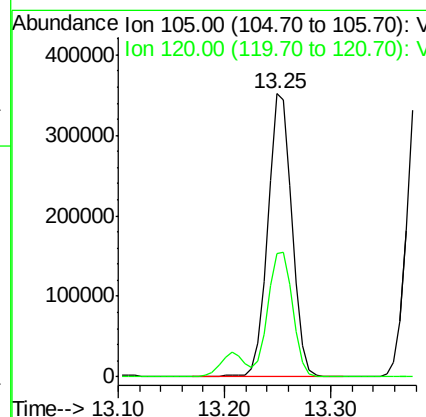
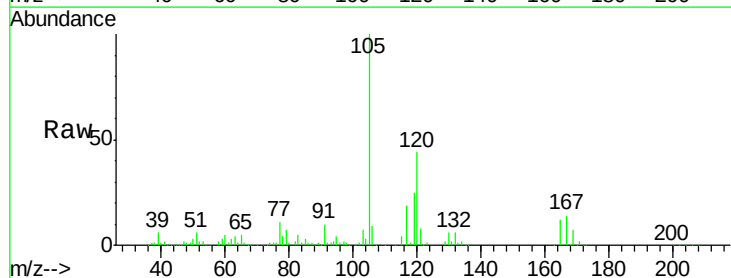
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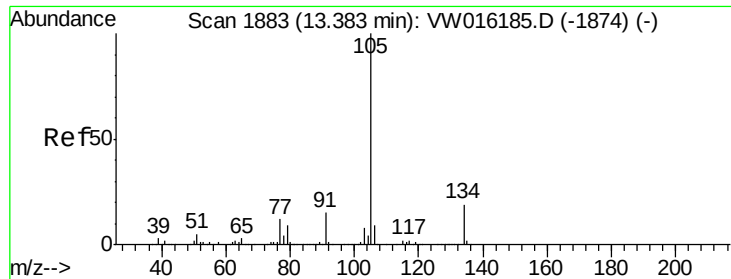
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#84
1,2,4-Trimethylbenzene
Concen: 55.988 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	558342		
120	45.1	22.2	66.6	





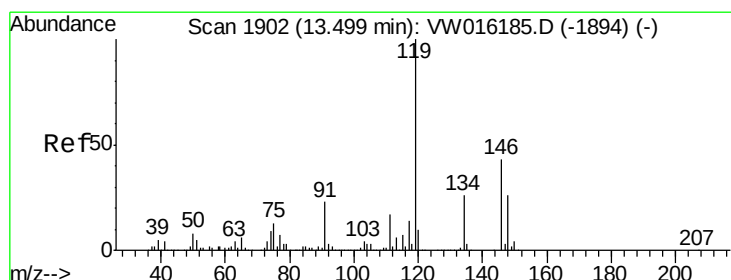
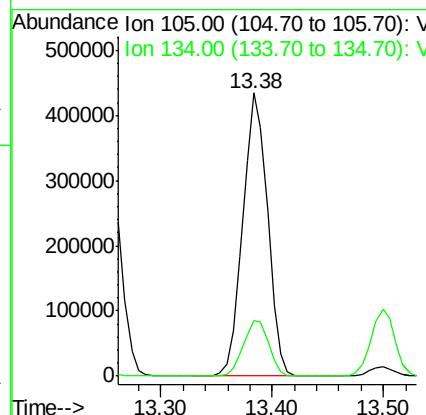
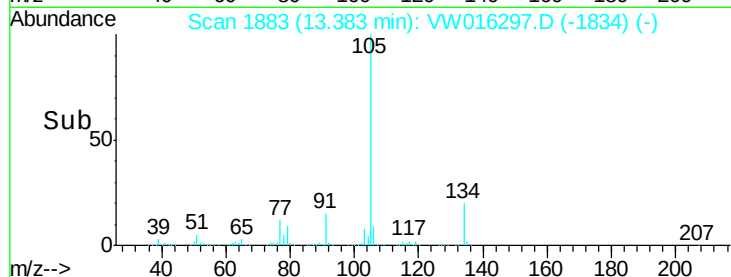
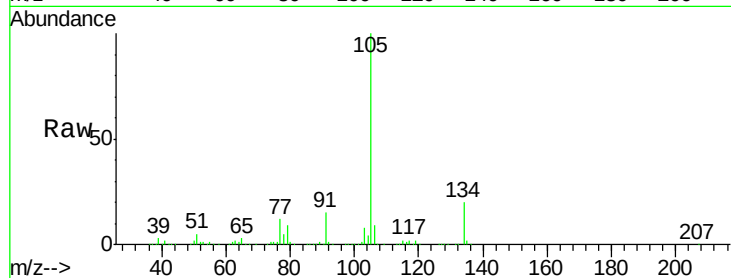
#85
 sec-Butylbenzene
 Concen: 55.583 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.4

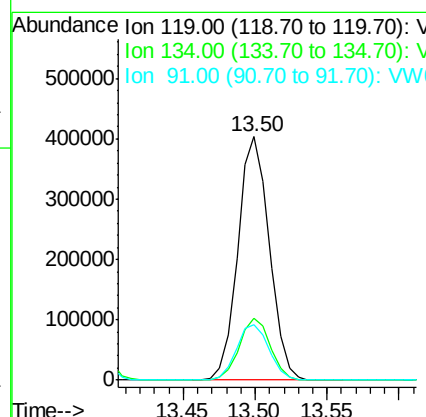
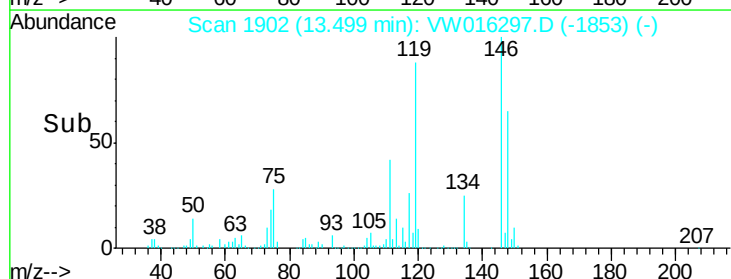
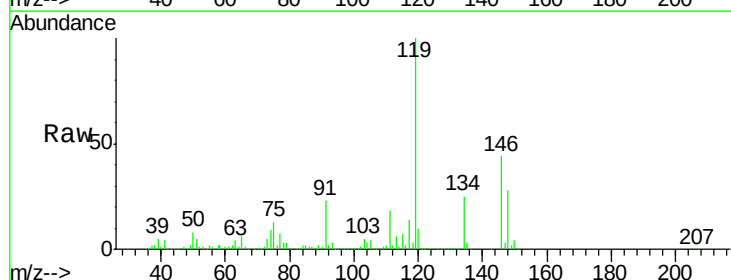
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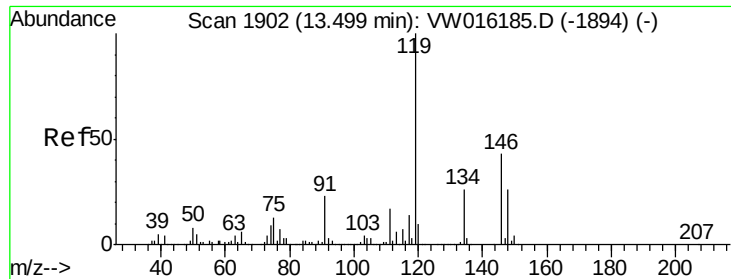
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#86
 p-Isopropyltoluene
 Concen: 56.334 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.8	38.4
91	23.6	11.8	35.3





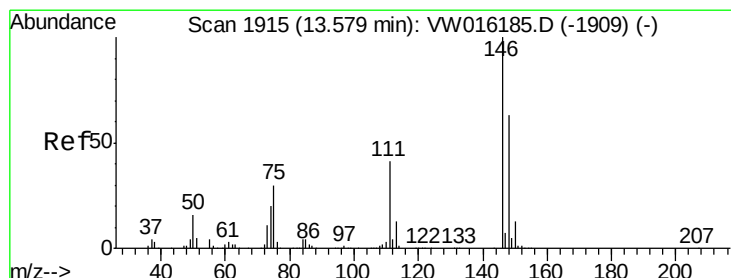
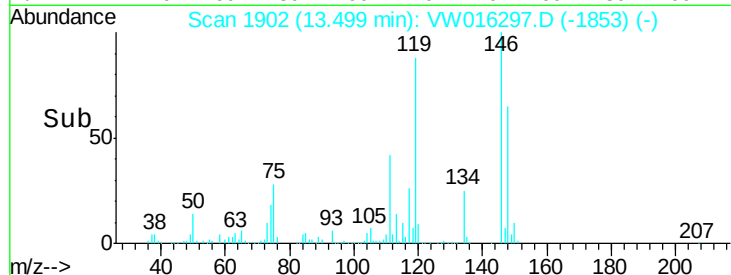
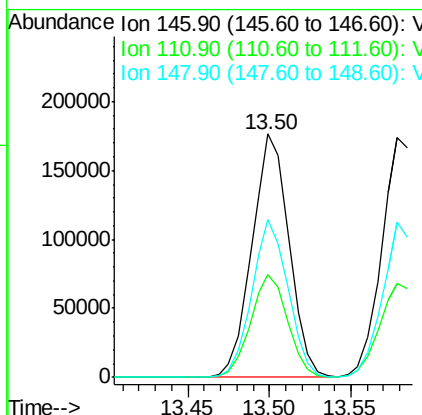
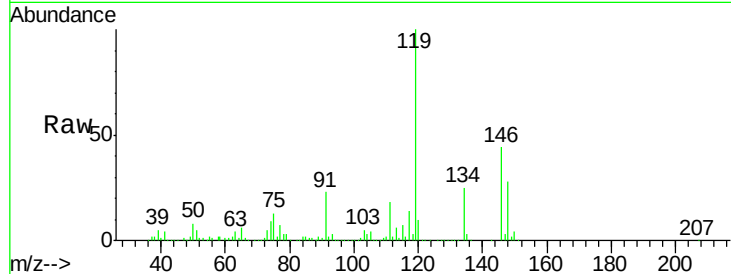
#87
 1,3-Dichlorobenzene
 Concen: 53.687 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	279192		
111	41.9	20.8	62.5	
148	63.4	31.1	93.5	

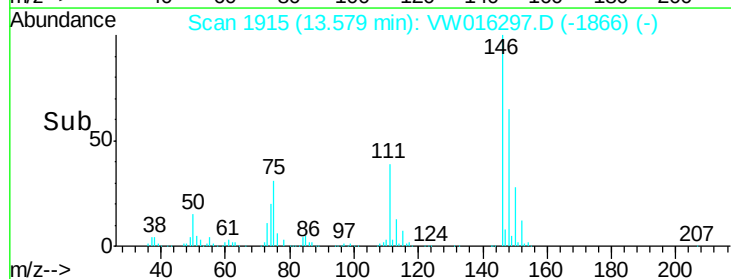
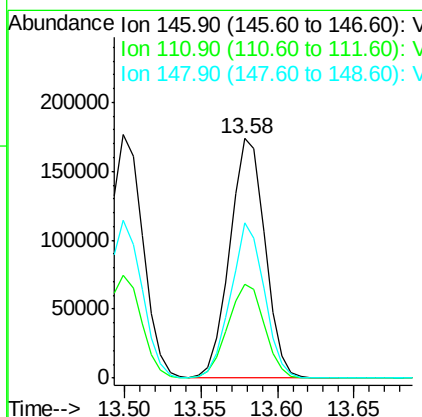
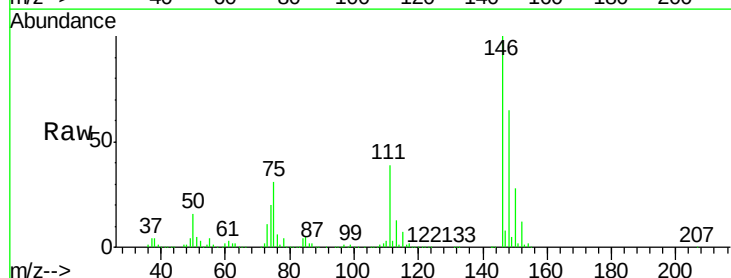
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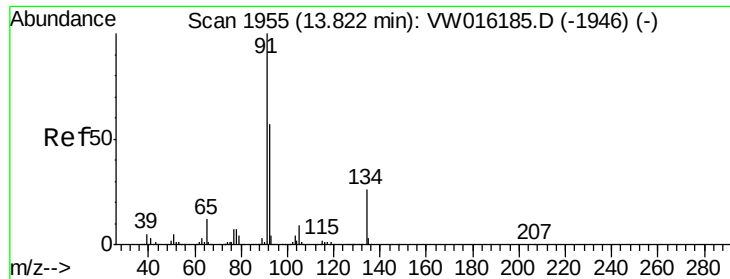
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#88
 1,4-Dichlorobenzene
 Concen: 54.120 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	277132		
111	41.0	20.8	62.2	
148	61.8	32.1	96.3	





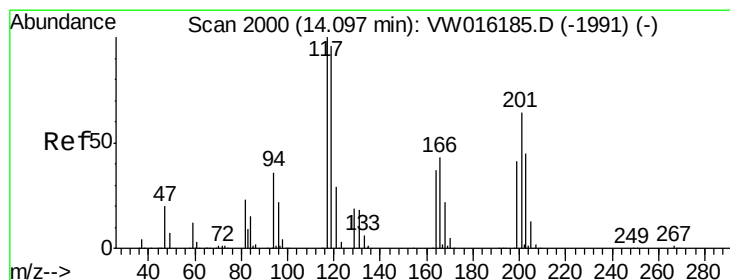
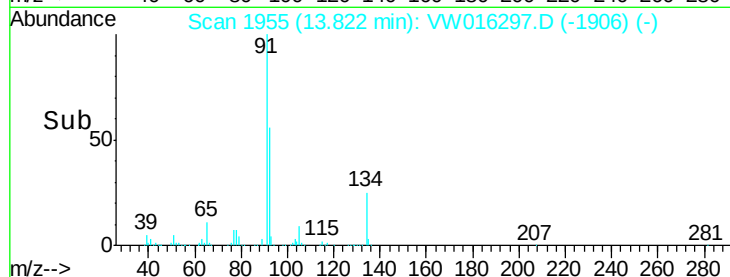
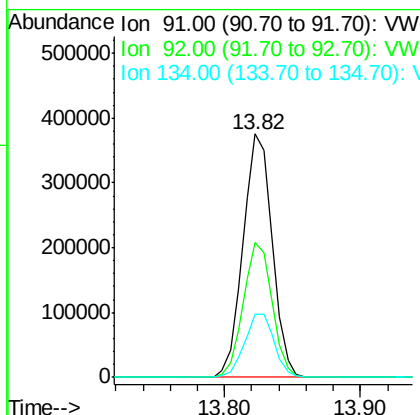
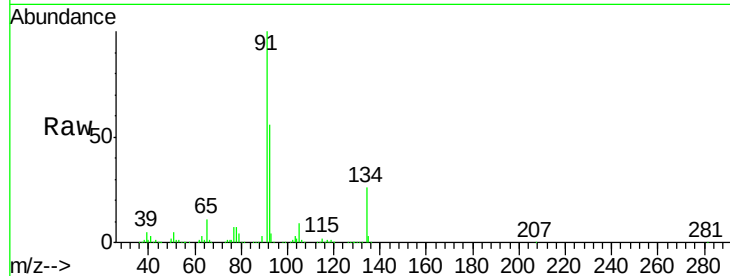
#89
n-Butylbenzene
Concen: 56.121 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	26.5	13.0	39.0

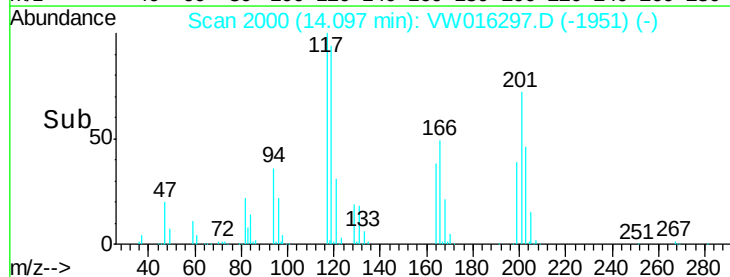
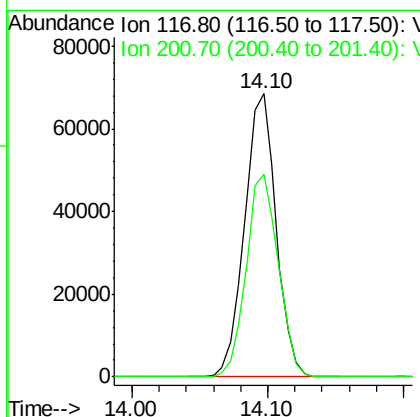
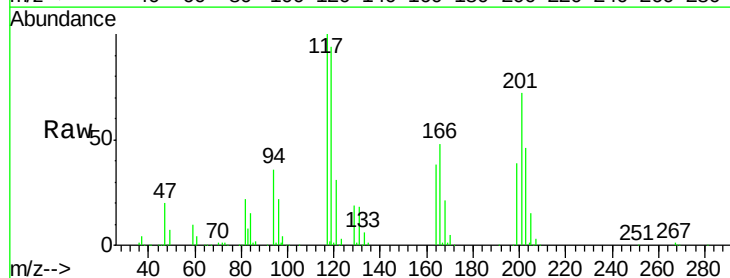
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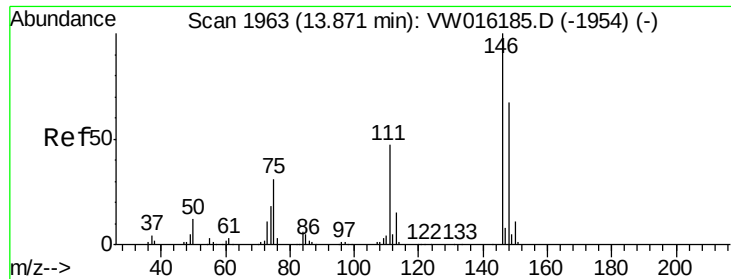
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#90
Hexachloroethane
Concen: 54.977 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.7	33.8	101.3





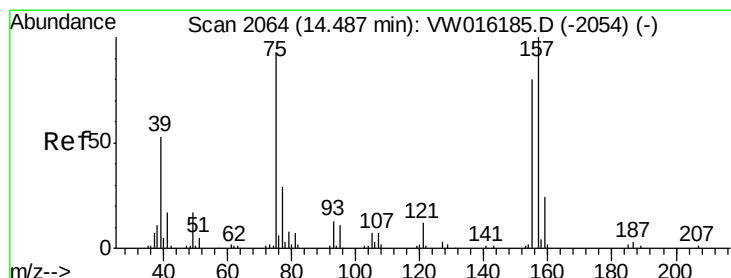
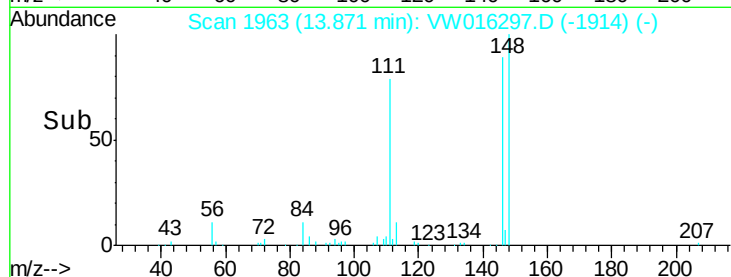
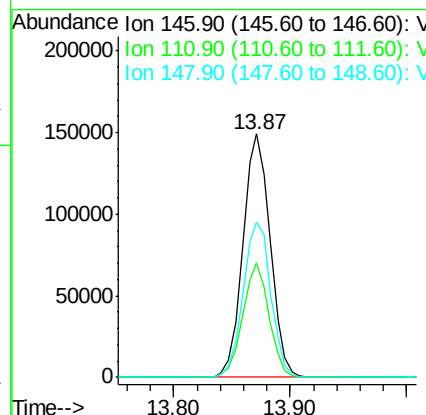
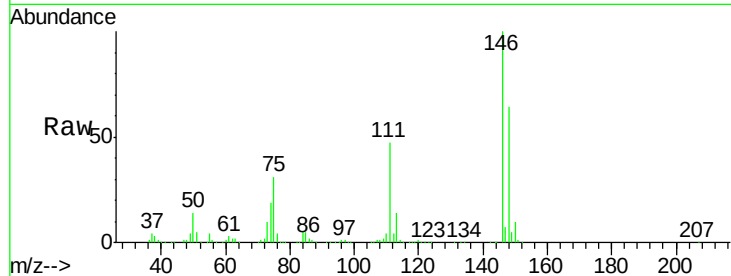
#91
 1,2-Dichlorobenzene
 Concen: 53.653 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	243250		
111	45.2	21.9	65.8	
148	64.8	32.1	96.3	

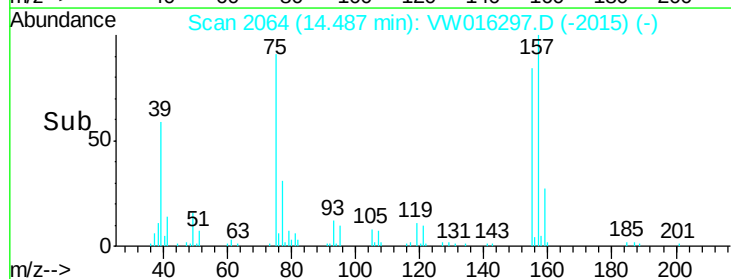
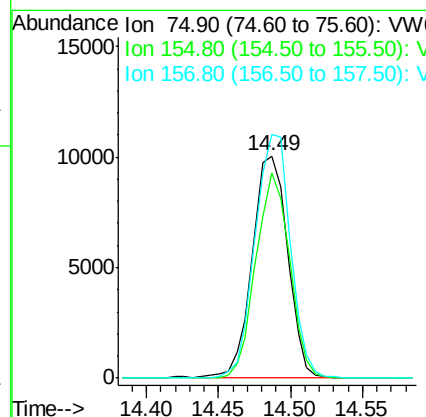
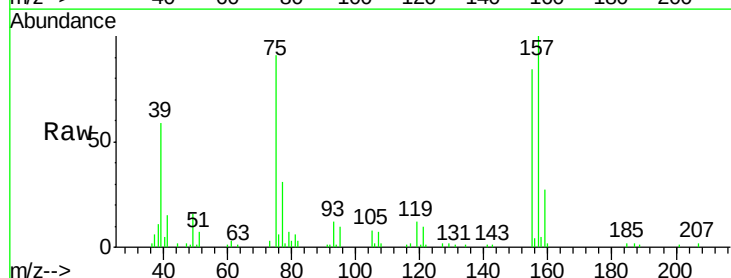
Manual Integrations
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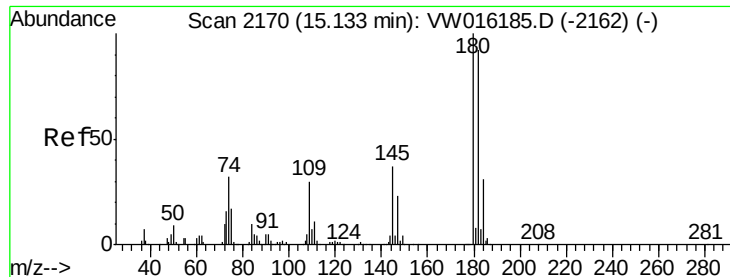
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.630 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17101		
155	88.0	41.3	124.1	
157	109.4	53.0	159.0	





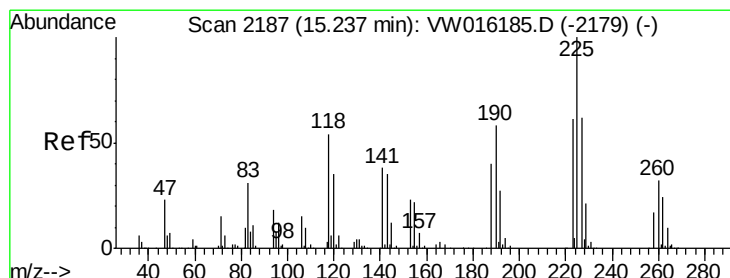
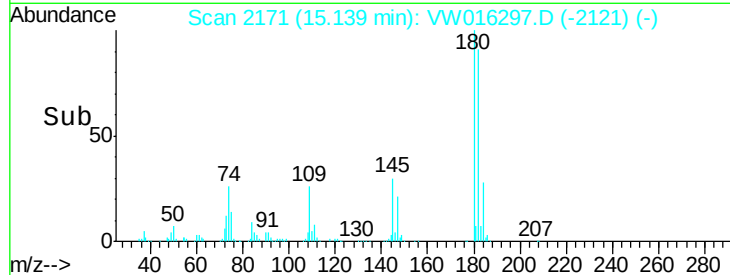
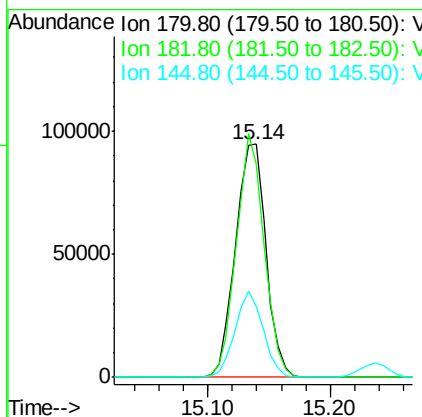
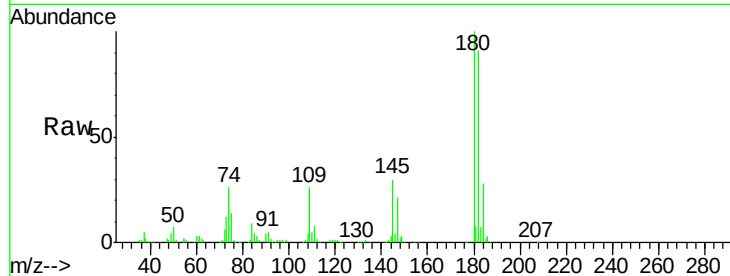
#93
 1,2,4-Trichlorobenzene
 Concen: 60.708 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	164133
Ion Ratio	Lower	Upper	
180	100		
182	94.3	46.0	138.0
145	33.7	16.9	50.7

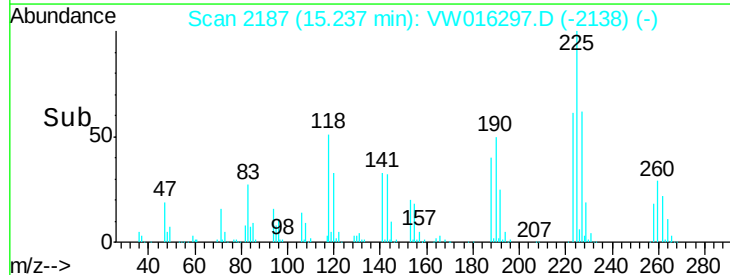
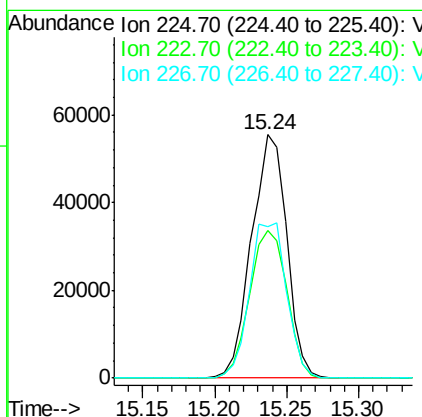
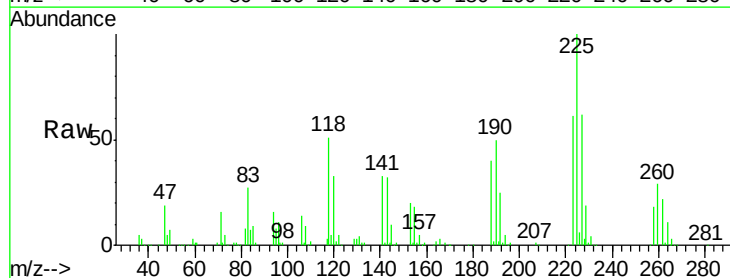
Manual Integrations
 APPROVED

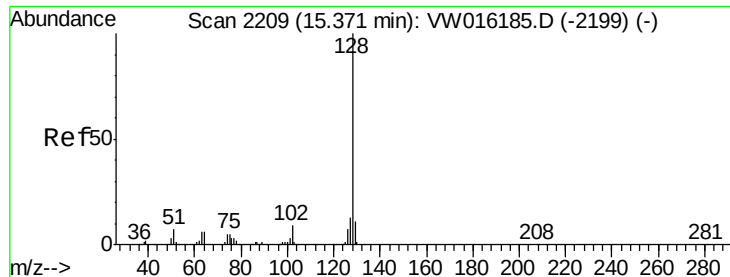
MMDadoda
 8/24/2020 4:54:58 PM



#94
 Hexachlorobutadiene
 Concen: 58.241 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion:	225	Resp:	93617
Ion Ratio	Lower	Upper	
225	100		
223	64.2	33.0	99.0
227	67.5	32.0	96.2





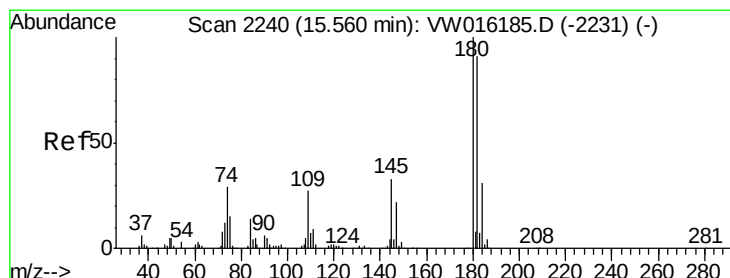
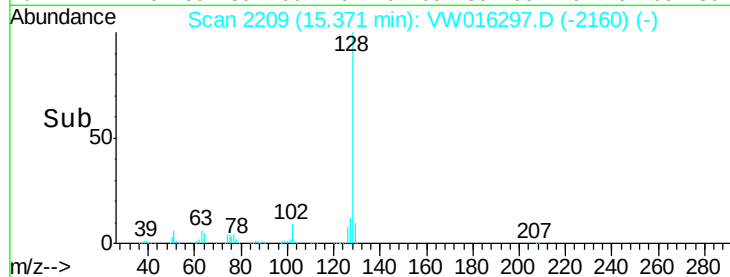
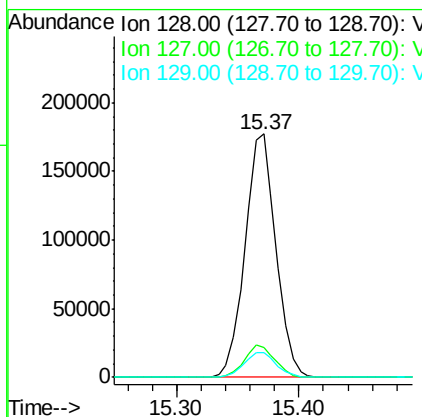
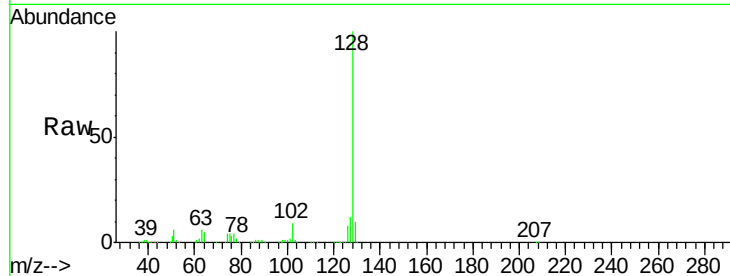
#95
Naphthalene
Concen: 54.356 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
8/24/2020 4:54:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 61.083 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.1	47.7	143.1	
145	34.8	17.4	52.3	

