

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016295.D
 Acq On : 21 Aug 2020 06:15
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:26:00 AM

Quant Time: Aug 21 08:23:56 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	247492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	429768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171561	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	125918	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
35) Dibromofluoromethane	7.88	113	131366	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.32	98	515248	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	185080	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	81062	48.164	ug/l	97
3) Chloromethane	2.21	50	86489	48.265	ug/l	99
4) Vinyl Chloride	2.36	62	115603	46.091	ug/l	97
5) Bromomethane	2.78	94	83993	53.859	ug/l	96
6) Chloroethane	2.92	64	71737	50.646	ug/l	99
7) Trichlorofluoromethane	3.26	101	118383	58.302	ug/l	94
8) Diethyl Ether	3.68	74	72587	56.967	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	125580	47.165	ug/l	99
10) Methyl Iodide	4.26	142	217933	56.648	ug/l	99
11) Tert butyl alcohol	5.15	59	45786	356.447	ug/l	96
12) 1,1-Dichloroethene	4.04	96	137409	50.712	ug/l	98
13) Acrolein	3.89	56	46674	251.544	ug/l	100
14) Allyl chloride	4.67	41	188861	52.022	ug/l	97
15) Acrylonitrile	5.36	53	143381	298.634	ug/l	99
16) Acetone	4.11	43	114447	247.529	ug/l	99
17) Carbon Disulfide	4.38	76	402561	50.599	ug/l	99
18) Methyl Acetate	4.67	43	77483	71.965	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	217556	65.207	ug/l	98
20) Methylene Chloride	4.92	84	192374	68.843	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	157164	53.264	ug/l	95
22) Diisopropyl ether	6.31	45	381519	55.745	ug/l	98
23) Vinyl Acetate	6.25	43	1031020	263.087	ug/l	100
24) 1,1-Dichloroethane	6.21	63	258414	54.097	ug/l	100
25) 2-Butanone	7.17	43	173237	279.576	ug/l	97
26) 2,2-Dichloropropane	7.16	77	148981	48.282	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	173456	56.952	ug/l	98
28) Bromochloromethane	7.51	49	95873	52.901	ug/l	95
29) Tetrahydrofuran	7.52	42	113026	305.145	ug/l	98
30) Chloroform	7.68	83	268382	54.075	ug/l	96
31) Cyclohexane	7.95	56	206081	46.788	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	226670	54.359	ug/l	98
36) 1,1-Dichloropropene	8.09	75	208952	49.353	ug/l	99
37) Ethyl Acetate	7.25	43	76283	52.551	ug/l	97
38) Carbon Tetrachloride	8.07	117	210016	49.707	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	252631	49.538	ug/l	98
40) Benzene	8.32	78	598902	50.283	ug/l	97
41) Methacrylonitrile	7.48	41	45770	55.247	ug/l	98
42) 1,2-Dichloroethane	8.40	62	166187	52.830	ug/l	99
43) Isopropyl Acetate	8.42	43	148710	54.454	ug/l	99
44) Trichloroethene	9.09	130	170729	50.612	ug/l	90
45) 1,2-Dichloropropane	9.37	63	141380	50.356	ug/l	99
46) Dibromomethane	9.46	93	78152	53.020	ug/l	96
47) Bromodichloromethane	9.65	83	203121	53.336	ug/l	96
48) Methyl methacrylate	9.44	41	71707	56.482	ug/l	96
49) 1,4-Dioxane	9.45	88	24074	1297.034	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	386547	279.857	ug/l	98
52) Toluene	10.39	92	392305	51.437	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	192561	54.609	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	230542	52.605	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	112441	53.164	ug/l	98
56) Ethyl methacrylate	10.65	69	145369	60.271	ug/l	99
57) 1,3-Dichloropropane	10.93	76	193497	53.772	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	285251	259.397	ug/l	100
59) 2-Hexanone	10.97	43	265026	280.477	ug/l	98
60) Dibromochloromethane	11.13	129	138701	55.127	ug/l	98
61) 1,2-Dibromoethane	11.24	107	110296	54.173	ug/l	98
64) Tetrachloroethene	10.87	164	147070	57.440	ug/l	95
65) Chlorobenzene	11.66	112	420506	52.576	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	154591	55.297	ug/l	99
67) Ethyl Benzene	11.73	91	752848	52.374	ug/l	99
68) m/p-Xylenes	11.84	106	577112	104.454	ug/l	100
69) o-Xylene	12.17	106	270598	54.974	ug/l	99
70) Styrene	12.18	104	464129	54.490	ug/l	99
71) Bromoform	12.35	173	74482	59.530	ug/l #	100
73) Isopropylbenzene	12.46	105	740745	56.660	ug/l	99
74) N-amyl acetate	12.27	43	129469	55.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	123675	56.535	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84615m	53.628	ug/l	
77) Bromobenzene	12.75	156	164156	56.769	ug/l	94
78) n-propylbenzene	12.80	91	840845	53.883	ug/l	100
79) 2-Chlorotoluene	12.90	91	502956	55.795	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	622546	55.472	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	36550	55.565	ug/l	95
82) 4-Chlorotoluene	12.99	91	508812	54.219	ug/l	100
83) tert-Butylbenzene	13.21	119	531325	57.768	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	618036	55.652	ug/l	100
85) sec-Butylbenzene	13.38	105	725829	54.296	ug/l	100
86) p-Isopropyltoluene	13.50	119	667718	55.225	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	309282	53.407	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	308261	54.059	ug/l	97
89) n-Butylbenzene	13.82	91	587095	52.487	ug/l	99
90) Hexachloroethane	14.10	117	126089	55.881	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	270803	53.637	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19635	58.389	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	170837	56.742	ug/l	97
94) Hexachlorobutadiene	15.24	225	95111	53.135	ug/l	96
95) Naphthalene	15.37	128	353356	55.548	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	157652	60.973	ug/l	96

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

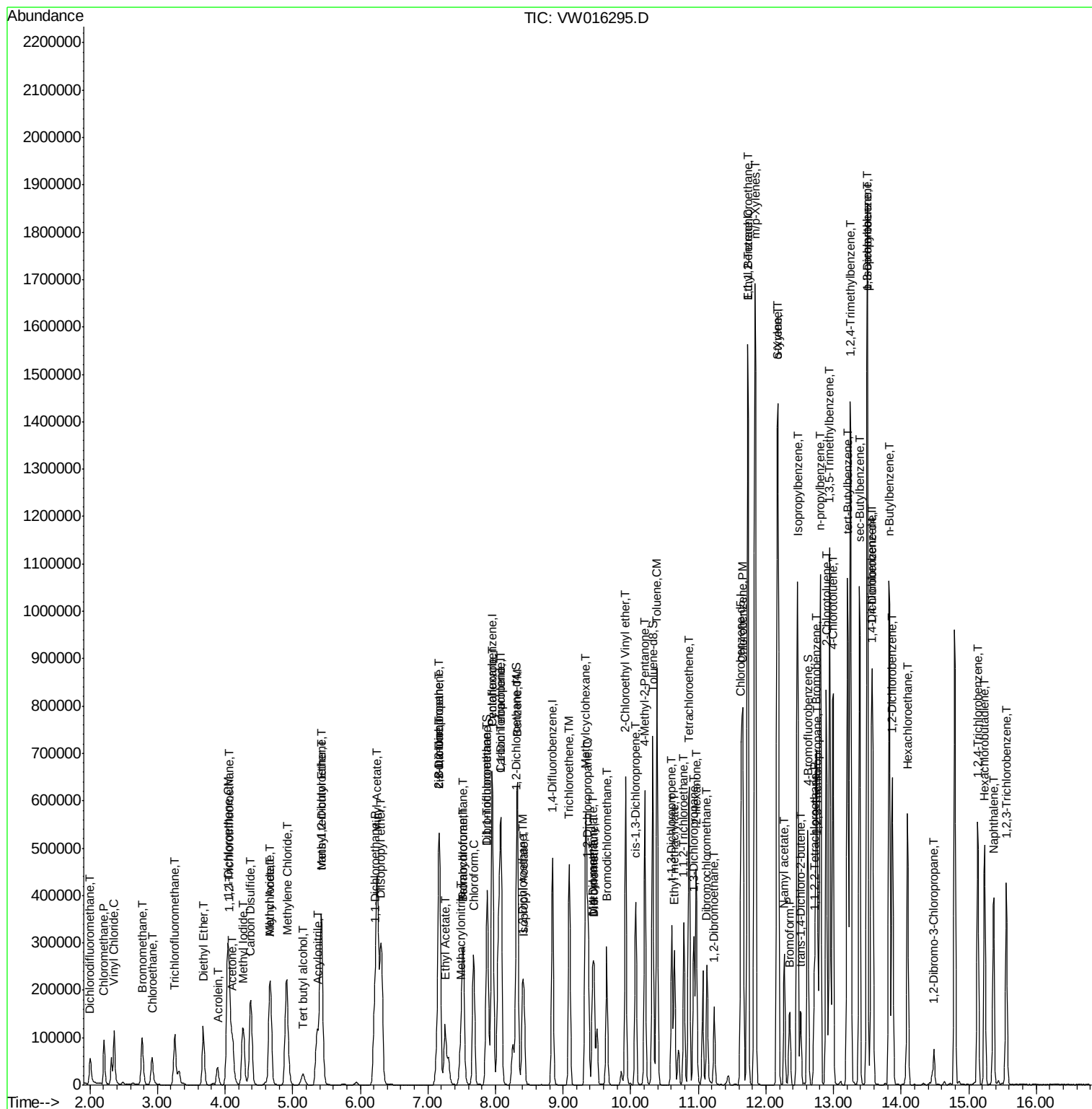
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082120\
Data File : VW016295.D
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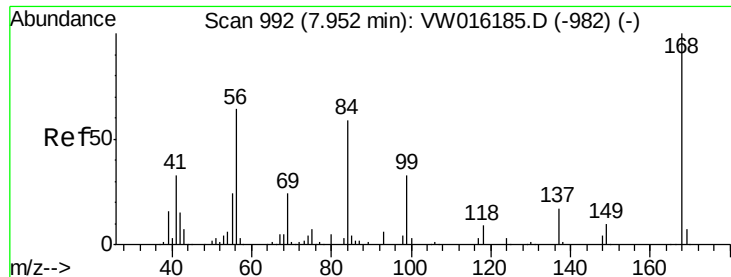
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 247492

Ion Ratio Lower Upper

168 100

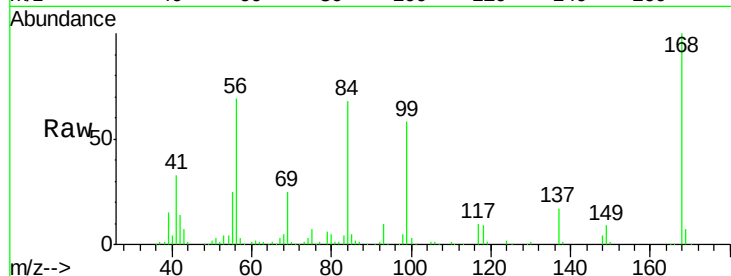
99 57.5 48.3 72.5

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

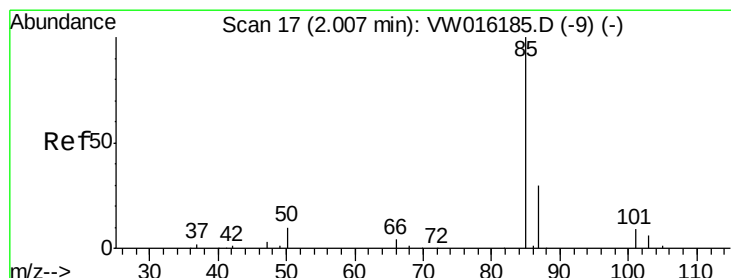
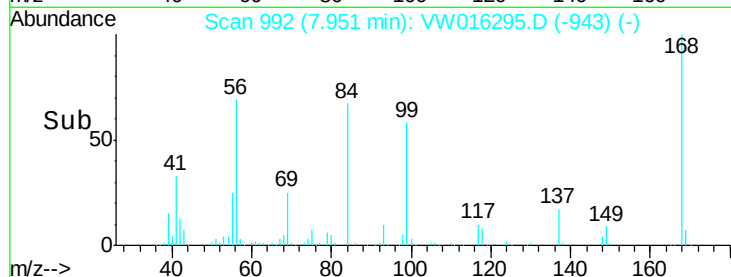
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.164 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW016295.D

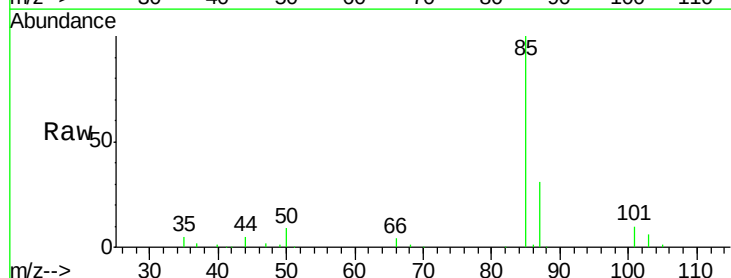
Acq: 21 Aug 2020 06:15

Tgt Ion: 85 Resp: 81062

Ion Ratio Lower Upper

85 100

87 31.3 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

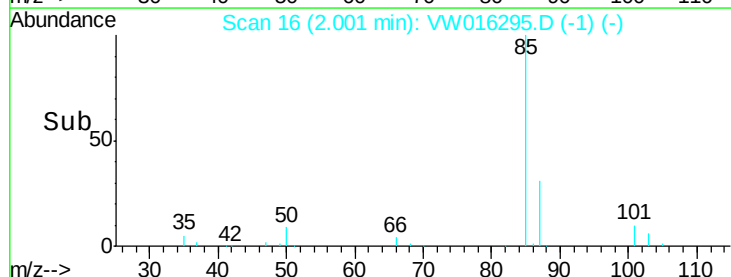
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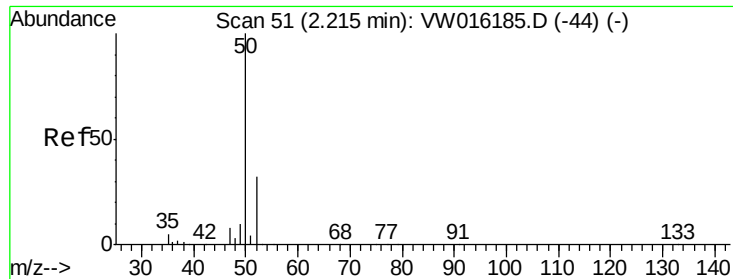
20000

10000

0

Time-->





#3

Chloromethane

Concen: 48.265 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 86489

Ion Ratio Lower Upper

50 100

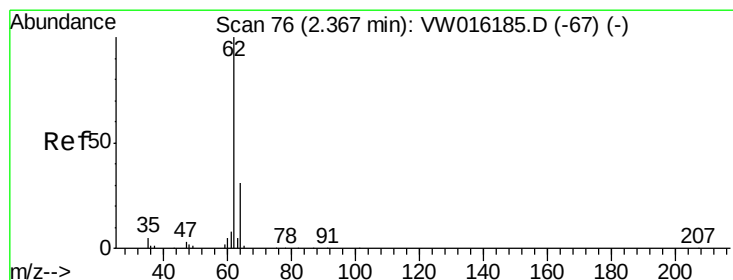
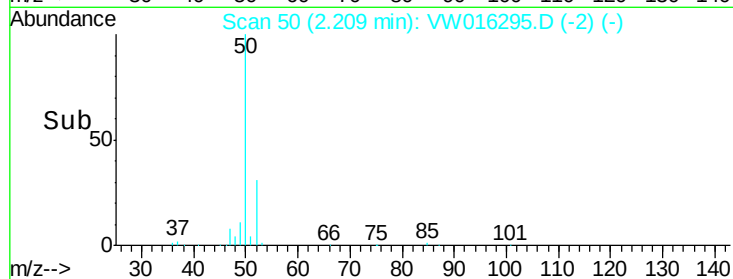
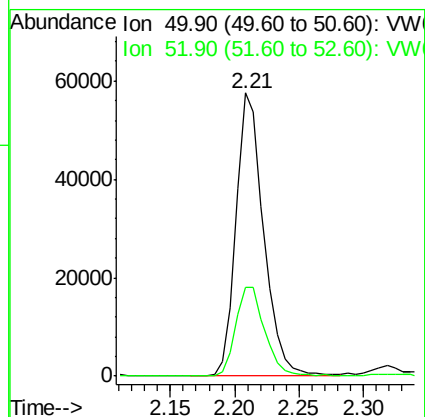
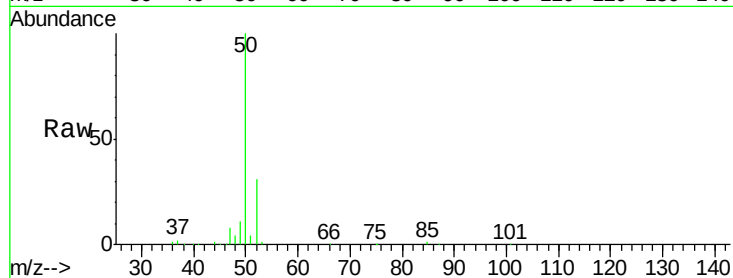
52 31.2 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.091 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016295.D

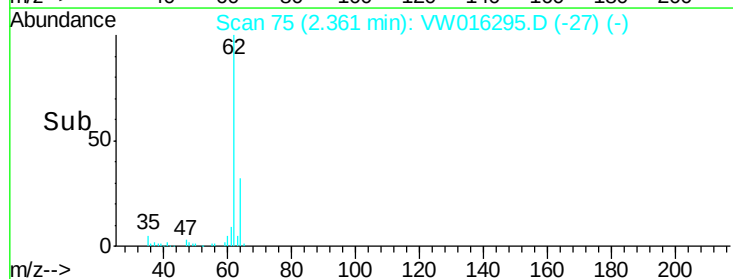
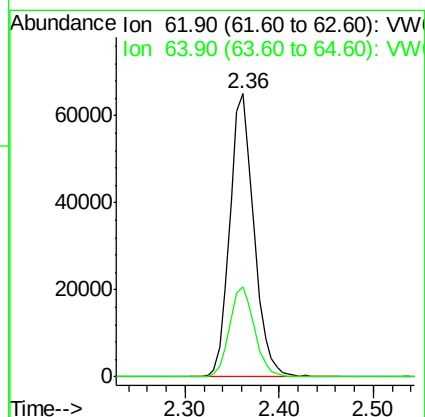
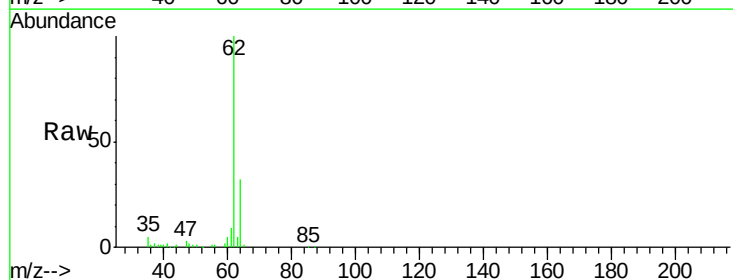
Acq: 21 Aug 2020 06:15

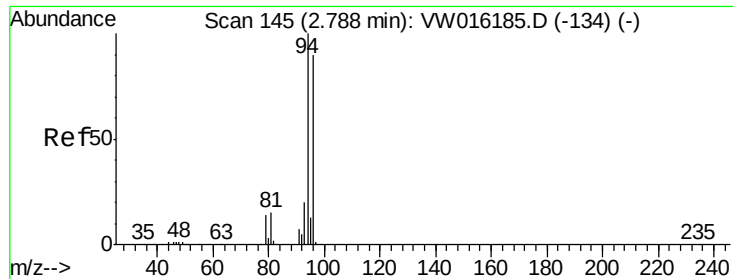
Tgt Ion: 62 Resp: 115603

Ion Ratio Lower Upper

62 100

64 32.0 24.5 36.7





#5

Bromomethane

Concen: 53.859 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 83993

Ion Ratio Lower Upper

94 100

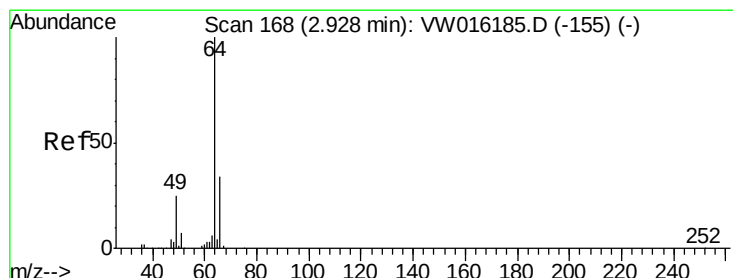
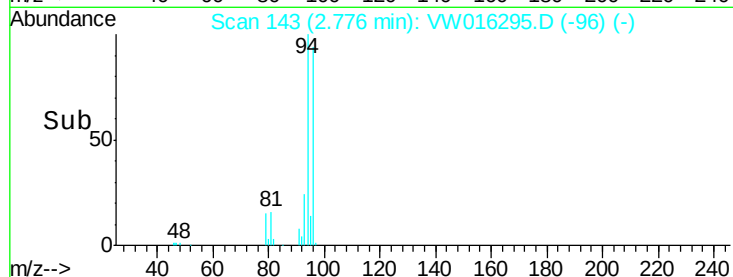
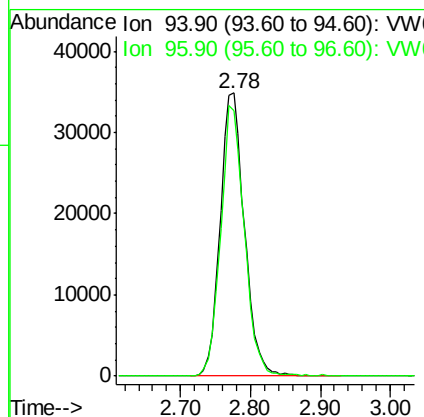
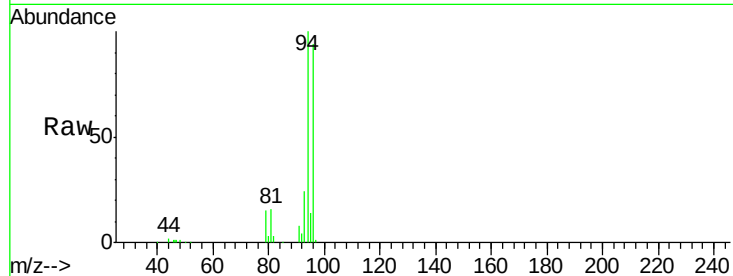
96 93.8 71.8 107.6

Manual Integrations

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#6

Chloroethane

Concen: 50.646 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016295.D

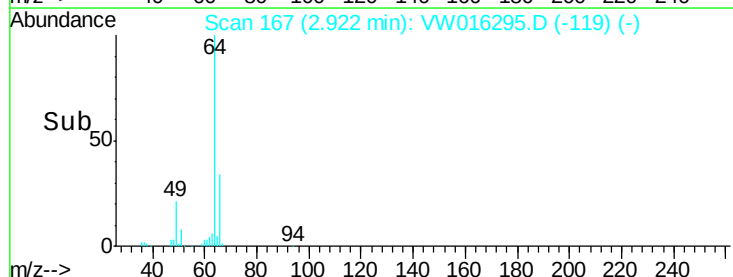
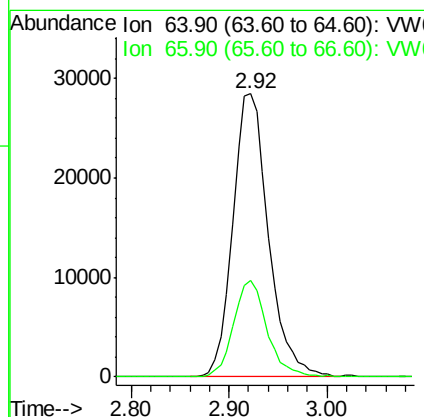
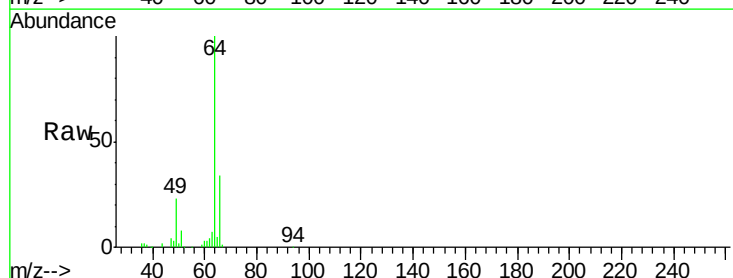
Acq: 21 Aug 2020 06:15

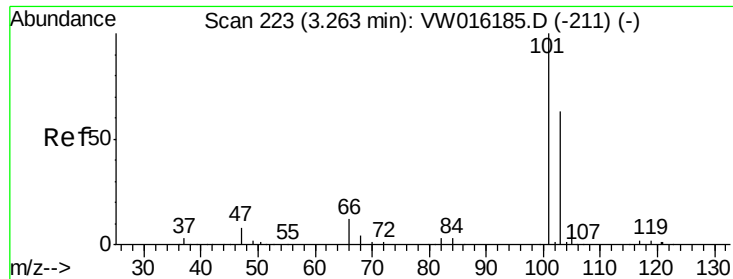
Tgt Ion: 64 Resp: 71737

Ion Ratio Lower Upper

64 100

66 34.0 26.9 40.3





#7

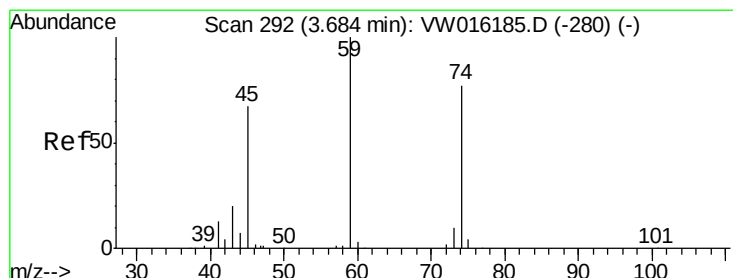
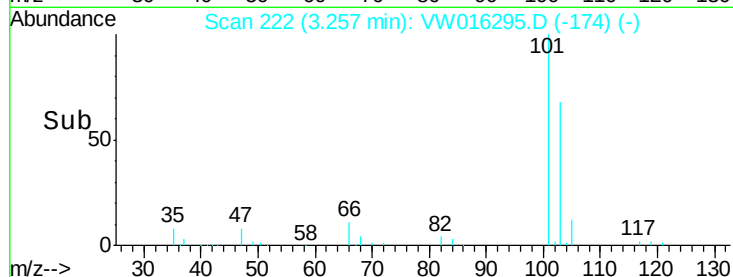
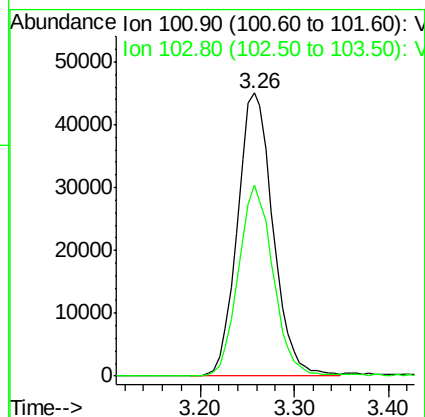
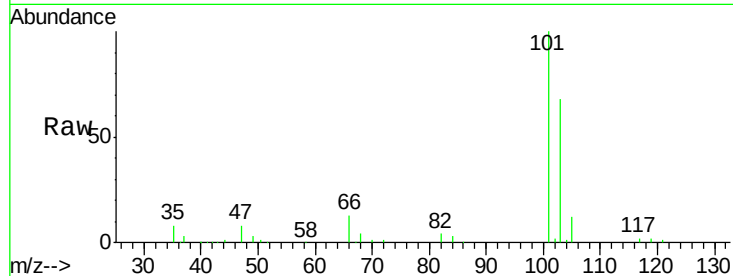
Trichlorofluoromethane
Concen: 58.302 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

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ClientSampleId :
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Tot Ion:101 Resp: 118383
Ion Ratio Lower Upper
101 100
103 67.6 50.4 75.6

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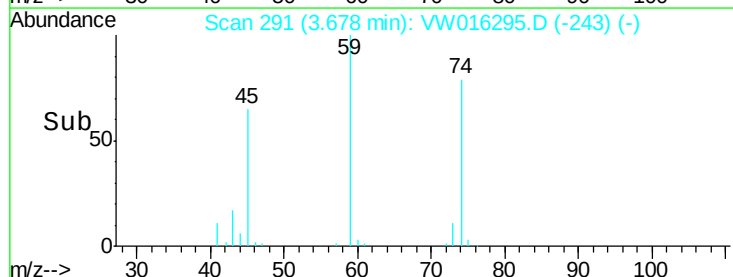
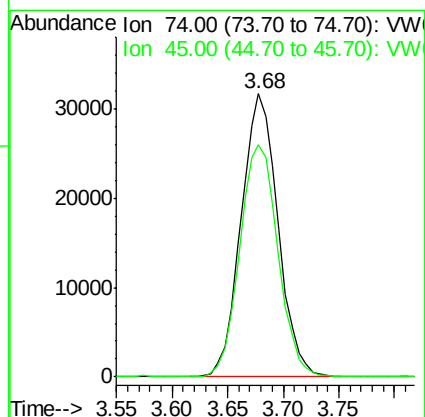
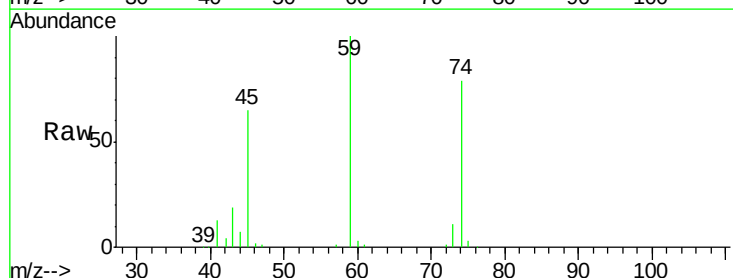
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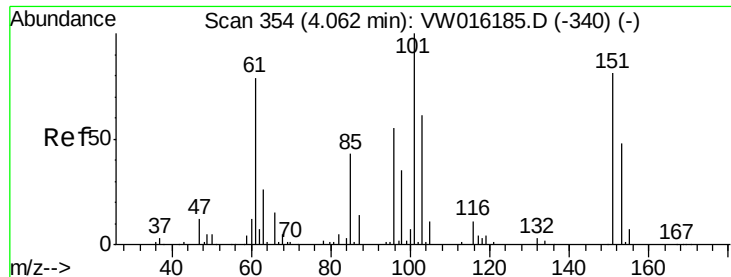


#8

Diethyl Ether
Concen: 56.967 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 74 Resp: 72587
Ion Ratio Lower Upper
74 100
45 85.4 45.9 137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.165 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

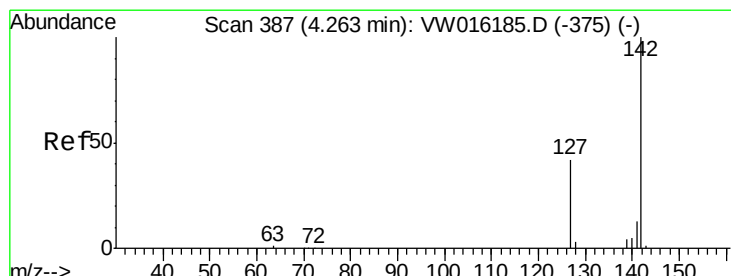
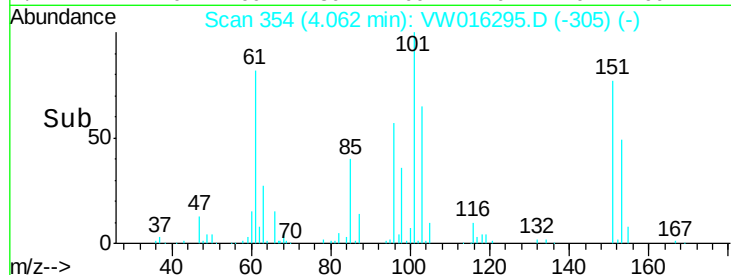
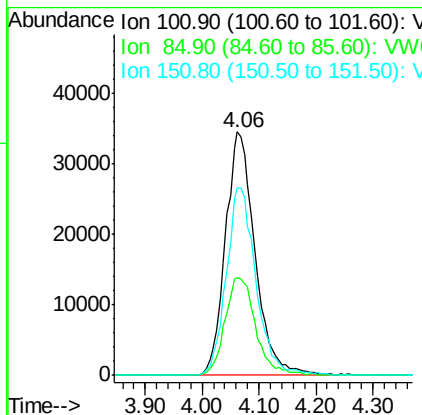
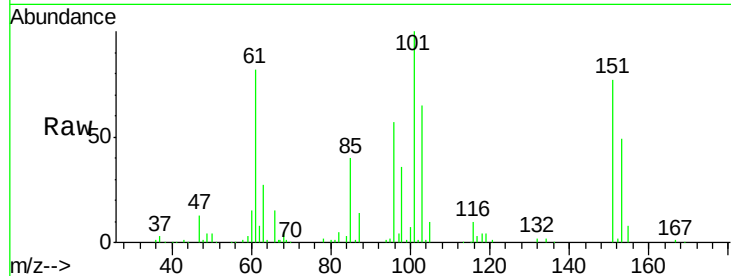
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	125580
Ion Ratio	Lower	Upper	
101	100		
85	41.2	33.3	49.9
151	77.4	61.1	91.7

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#10

Methyl Iodide

Concen: 56.648 ug/l

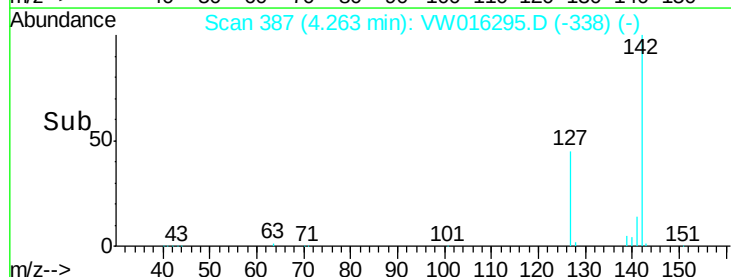
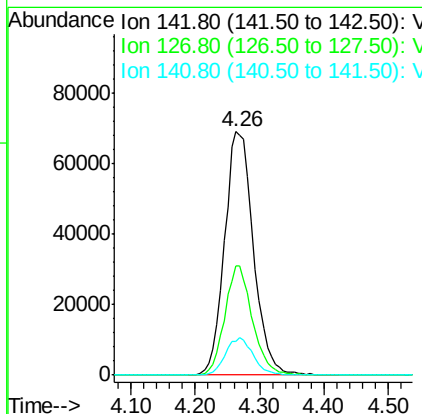
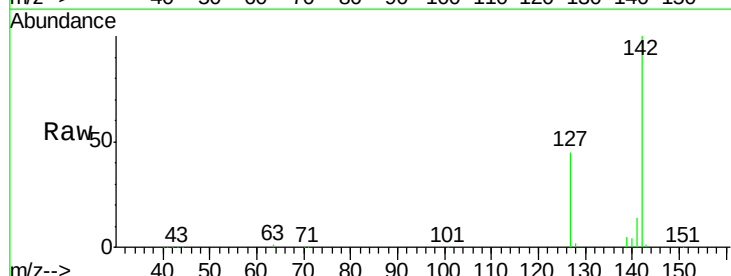
RT: 4.26 min Scan# 387

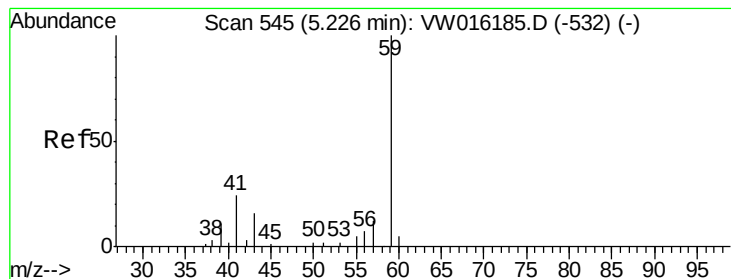
Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Tgt Ion:	142	Resp:	217933
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.6	52.0
141	14.7	11.4	17.2





#11

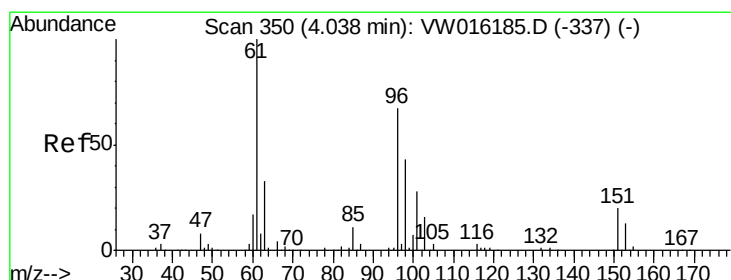
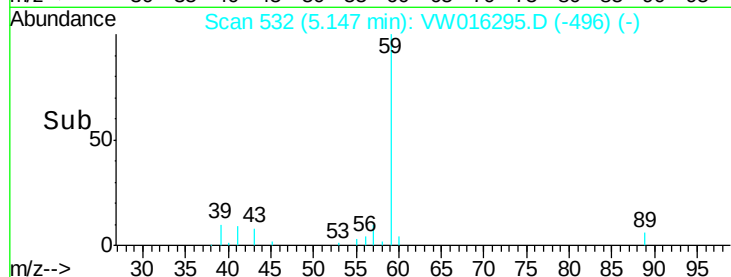
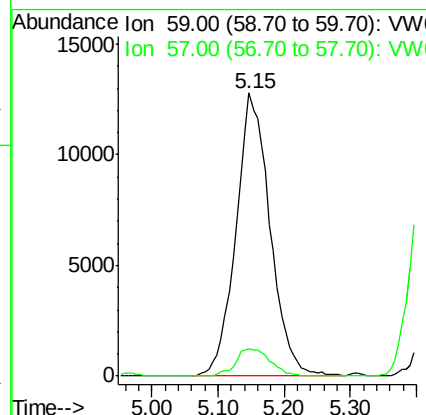
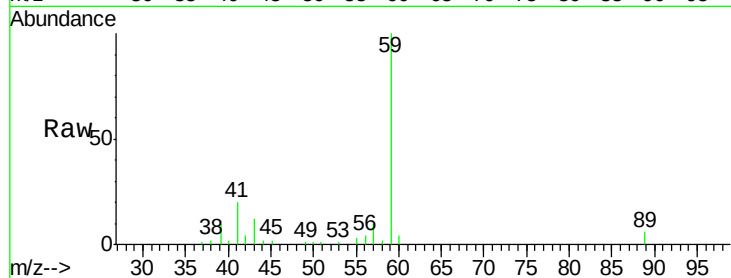
Tert butyl alcohol
Concen: 356.447 ug/l
RT: 5.15 min Scan# 532
Delta R.T. -0.08 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	45786		
57	9.8		9.0	13.6

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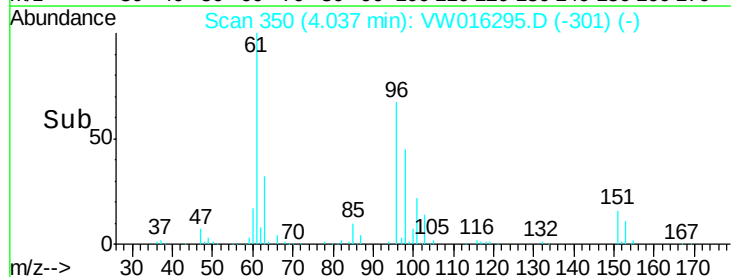
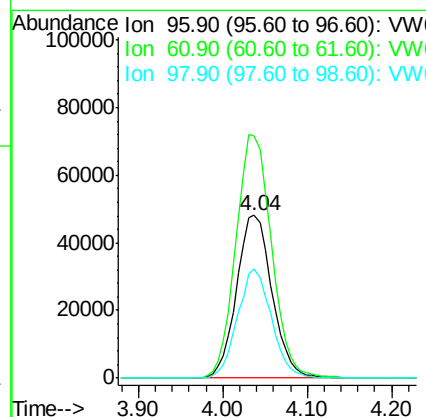
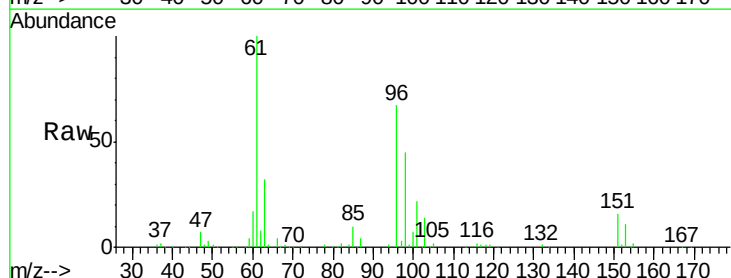
MMDadoda
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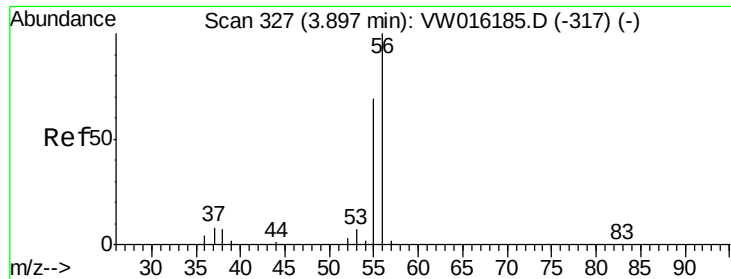


#12

1,1-Dichloroethene
Concen: 50.712 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	137409		
61	148.4		119.5	179.3
98	66.9		51.3	76.9





#13

Acrolein

Concen: 251.544 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 46674

Ion Ratio Lower Upper

56 100

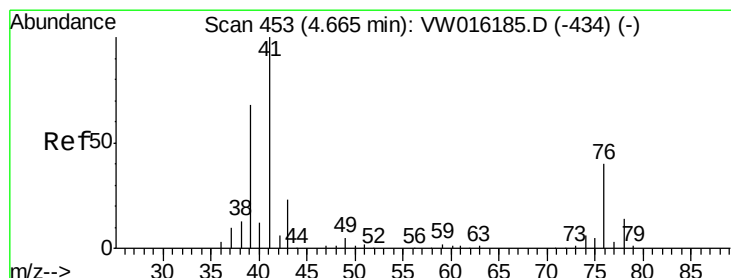
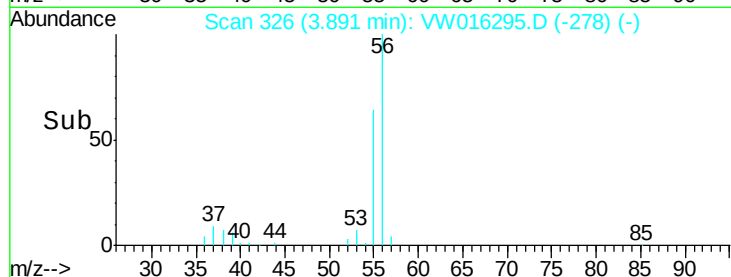
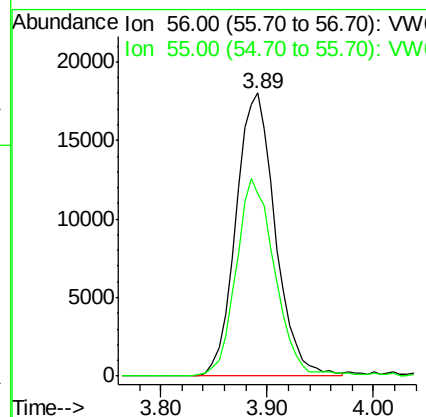
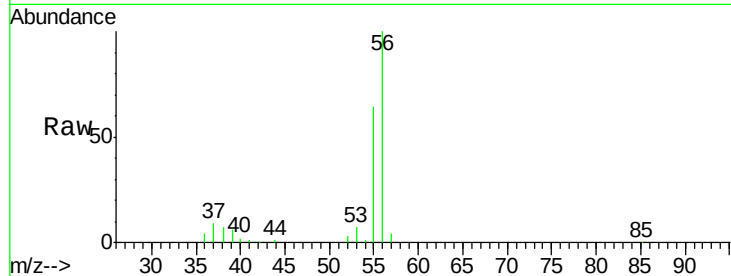
55 68.9 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 52.022 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

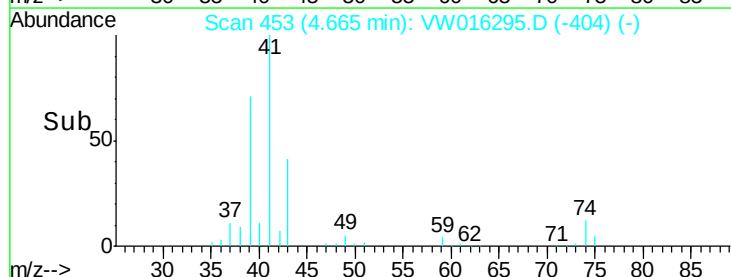
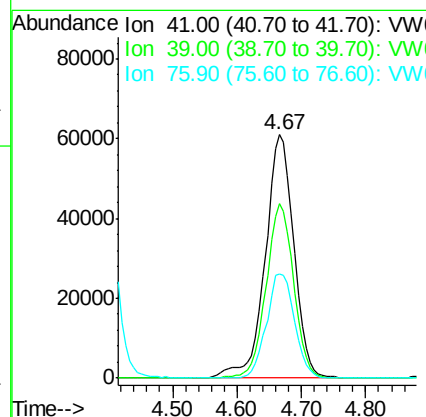
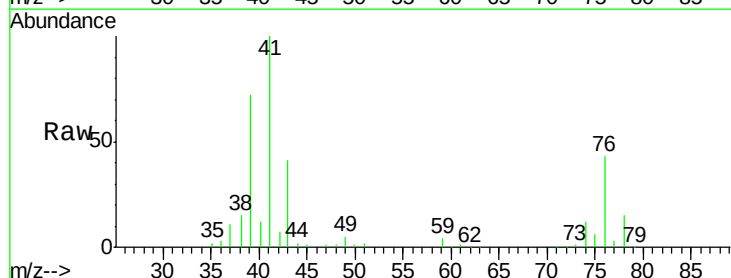
Tgt Ion: 41 Resp: 188861

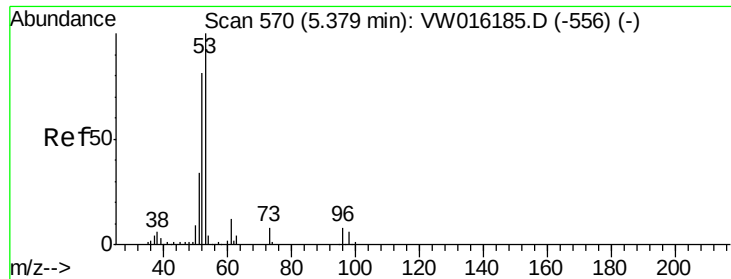
Ion Ratio Lower Upper

41 100

39 68.9 53.4 80.0

76 41.9 32.0 48.0





#15

Acrylonitrile

Concen: 298.634 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.02 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

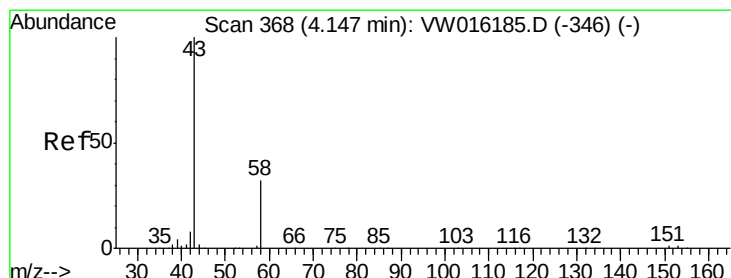
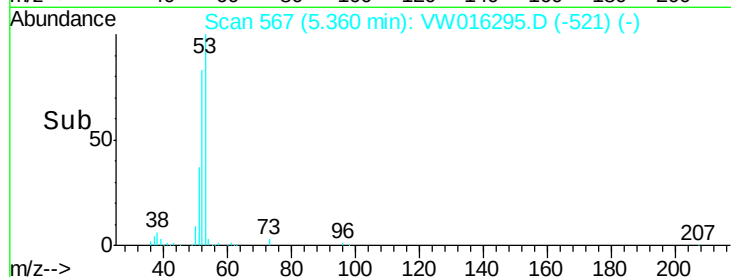
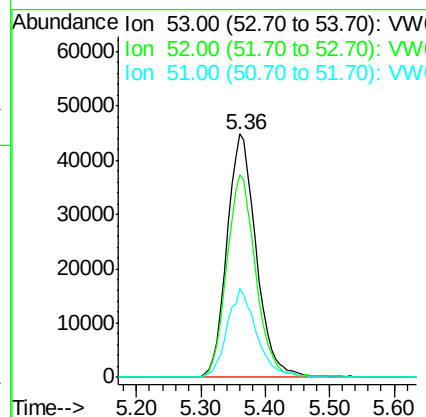
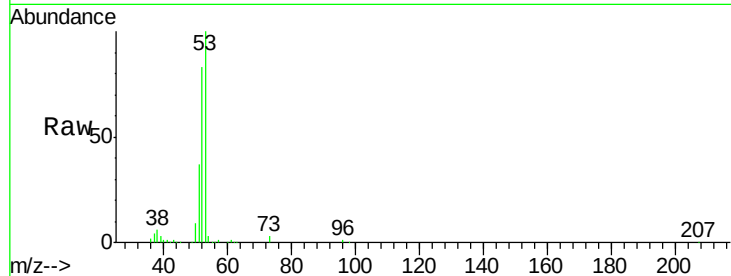
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	143381
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.3	97.9
51	36.8	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 247.529 ug/l

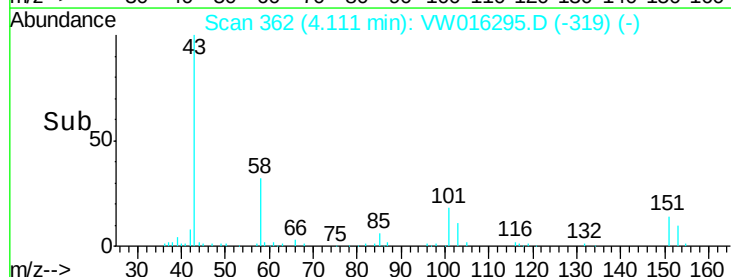
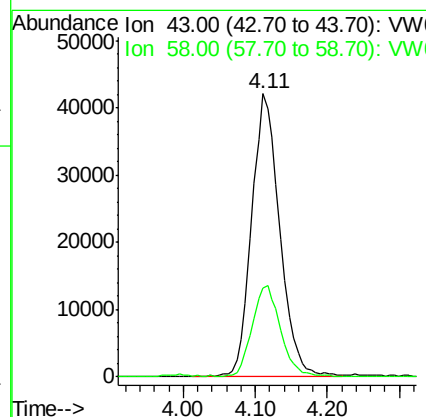
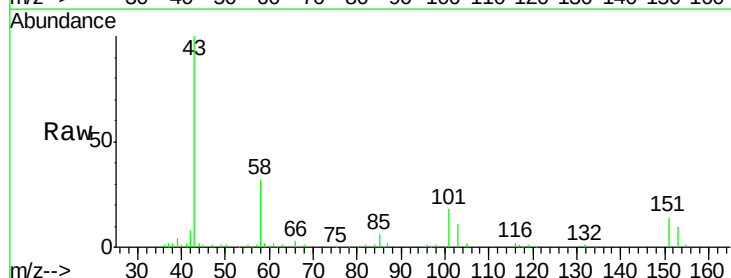
RT: 4.11 min Scan# 362

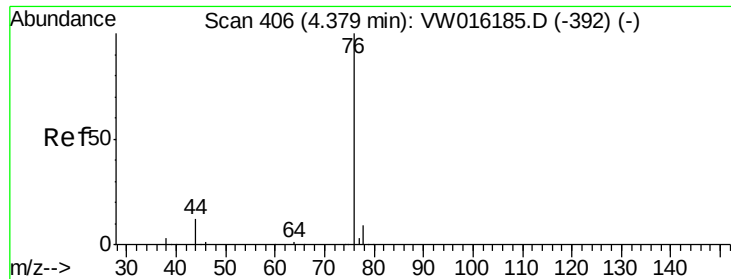
Delta R.T. -0.04 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Tgt Ion:	43	Resp:	114447
Ion Ratio	Lower	Upper	
43	100		
58	31.4	25.8	38.6





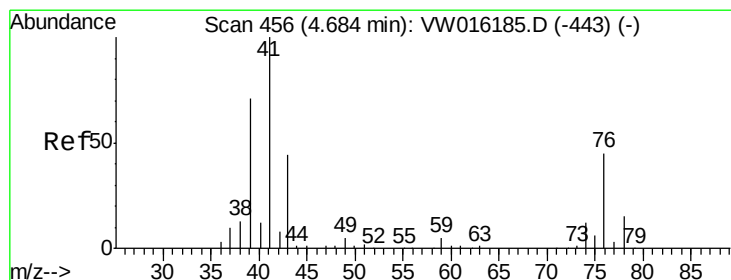
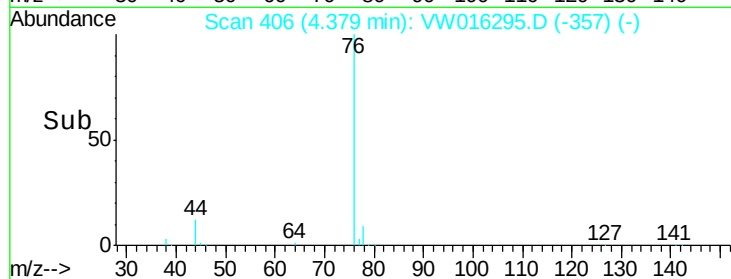
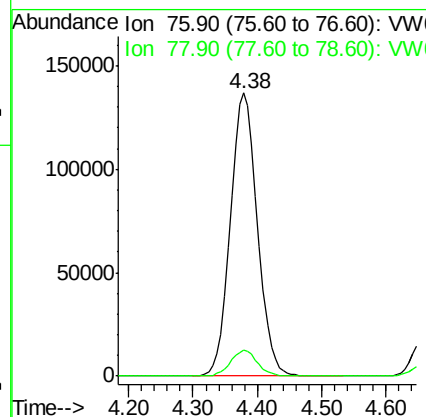
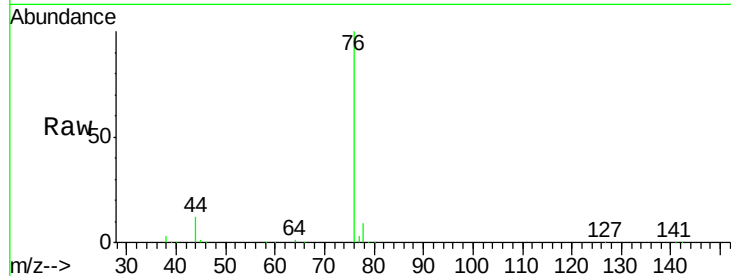
#17
Carbon Disulfide
Concen: 50.599 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

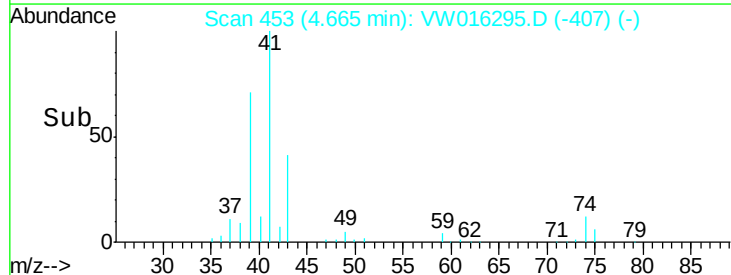
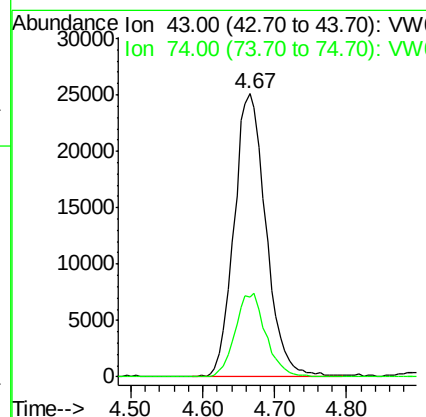
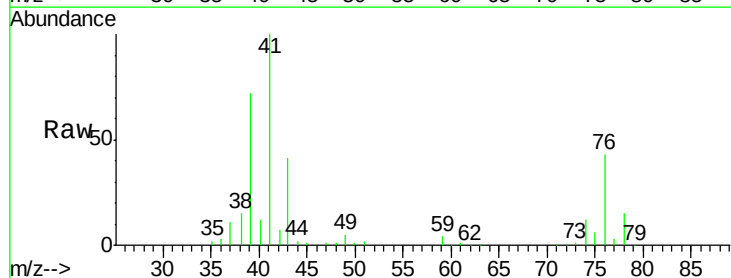
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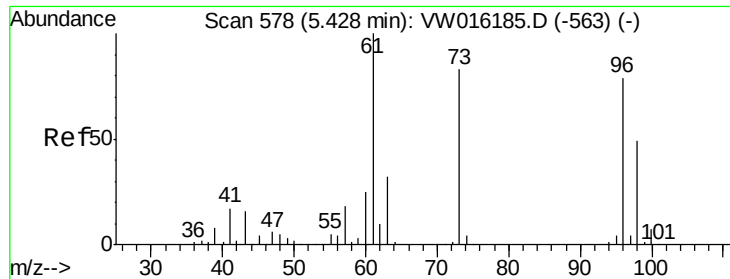
MMDadoda
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#18
Methyl Acetate
Concen: 71.965 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.3	20.6	31.0





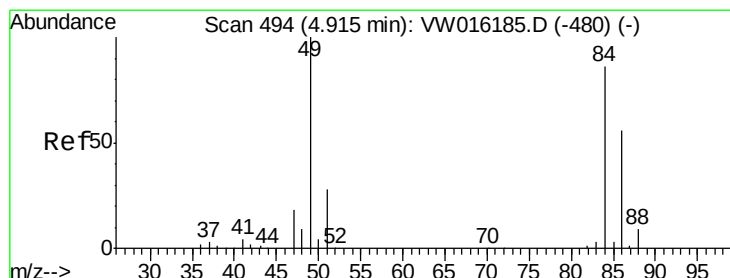
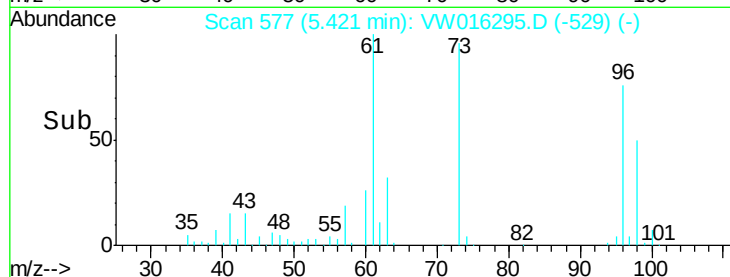
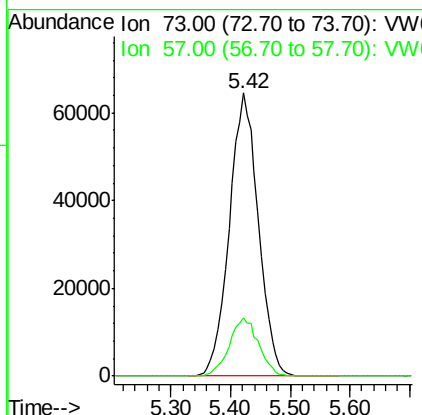
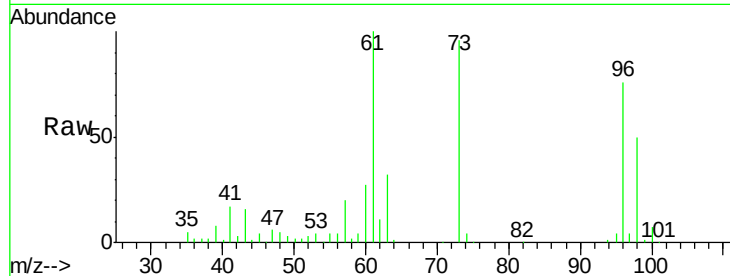
#19
Methyl tert-butyl Ether
Concen: 65.207 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 217556
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8

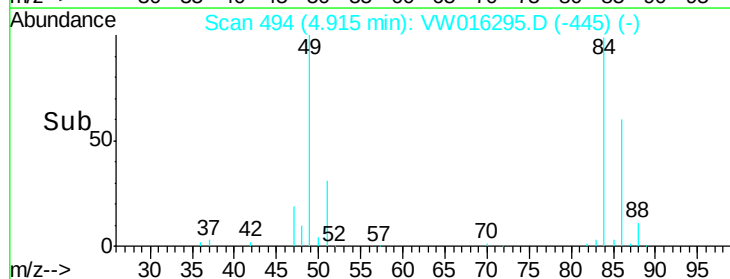
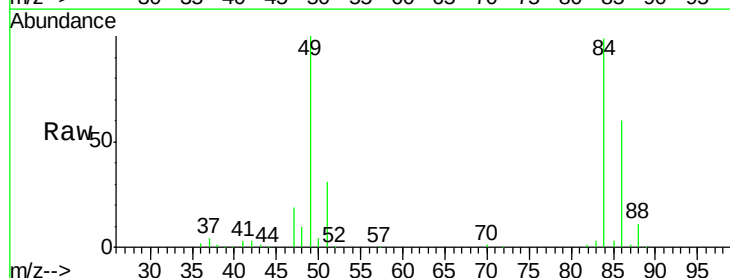
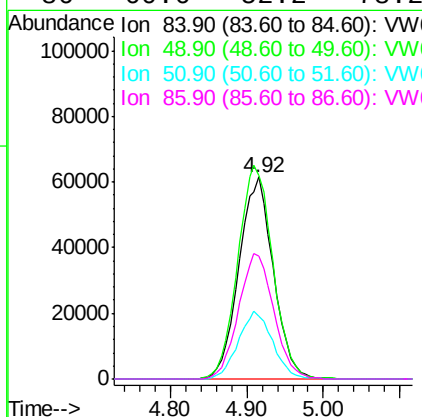
Manual Integrations
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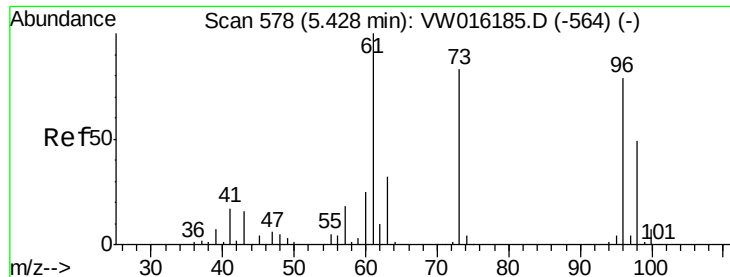
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#20
Methylene Chloride
Concen: 68.843 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 84 Resp: 192374
Ion Ratio Lower Upper
84 100
49 100.9 93.4 140.2
51 31.0 26.6 40.0
86 60.6 52.2 78.2





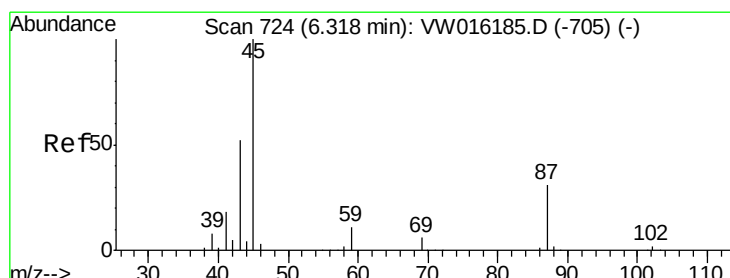
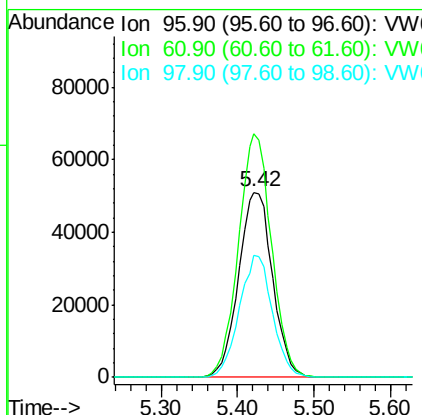
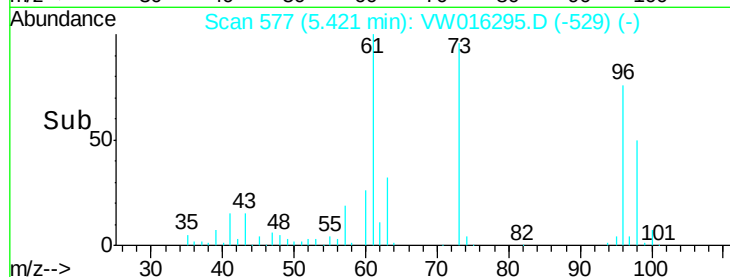
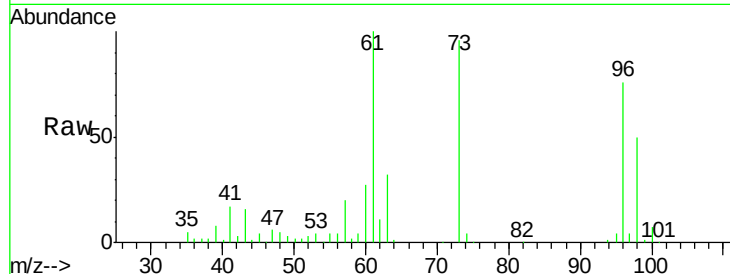
#21
trans-1,2-Dichloroethene
Concen: 53.264 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	101.4	152.0
98	66.0	49.4	74.0

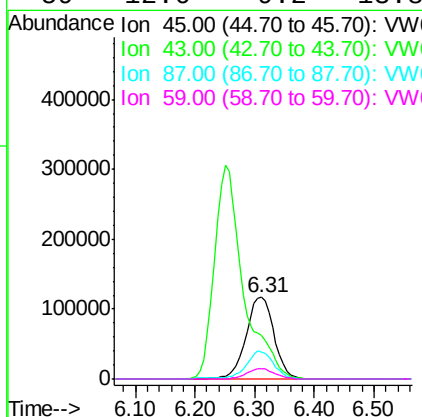
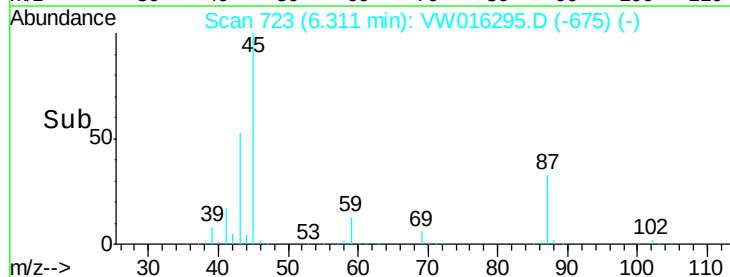
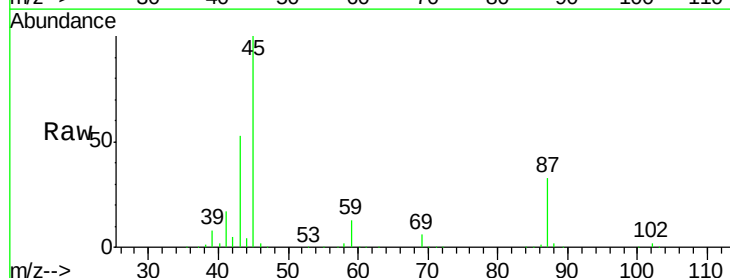
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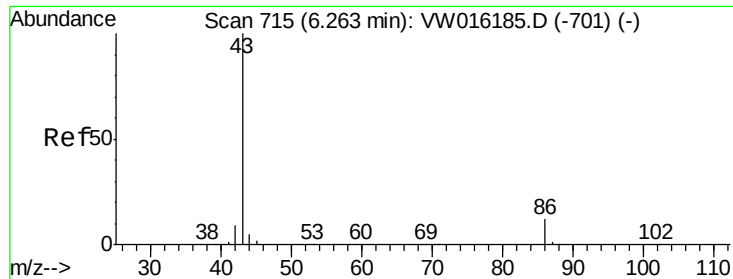
MMDadoda
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#22
Diisopropyl ether
Concen: 55.745 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.5	41.7	62.5
87	32.8	25.0	37.6
59	12.6	9.2	13.8





#23

Vinyl Acetate

Concen: 263.087 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1031020

Ion Ratio Lower Upper

43 100

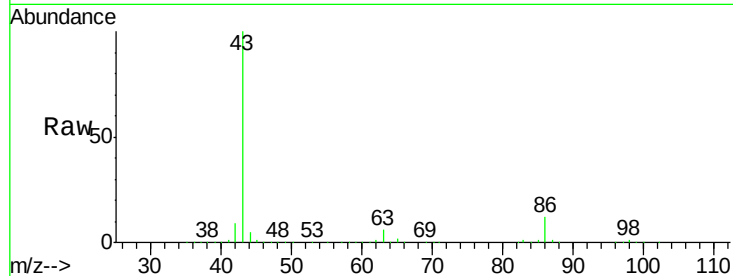
86 12.5 9.8 14.8

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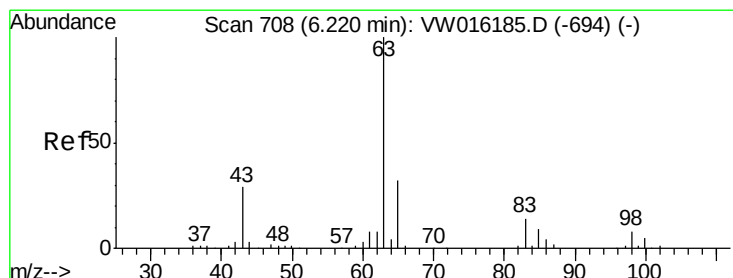
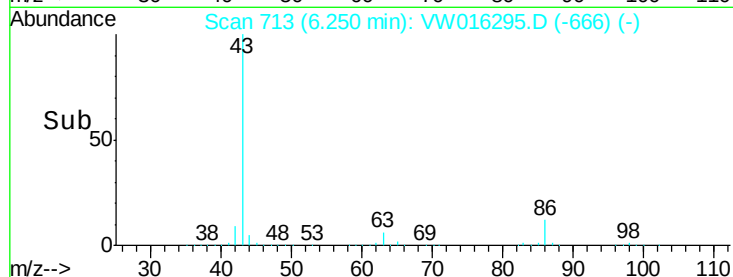
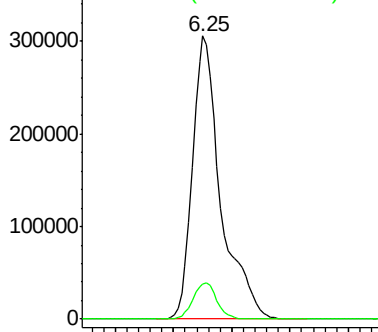
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 54.097 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

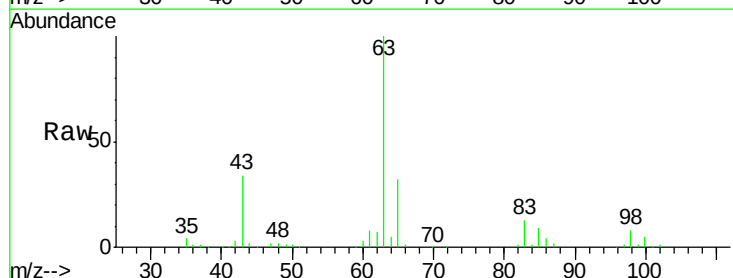
Tgt Ion: 63 Resp: 258414

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

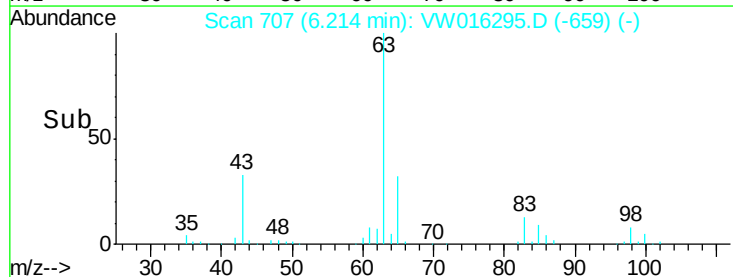
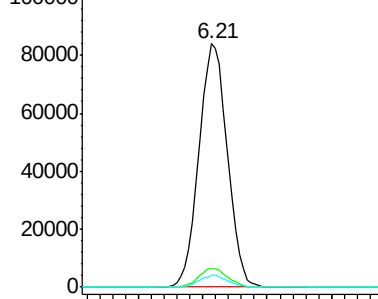
100 5.0 2.6 8.0

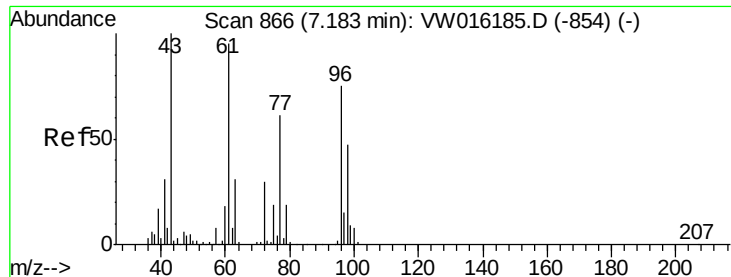


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 279.576 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 173237

Ion Ratio Lower Upper

43 100

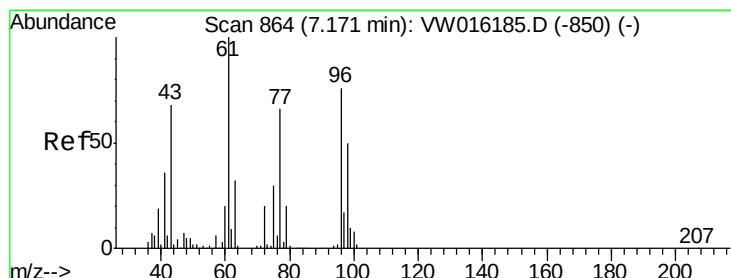
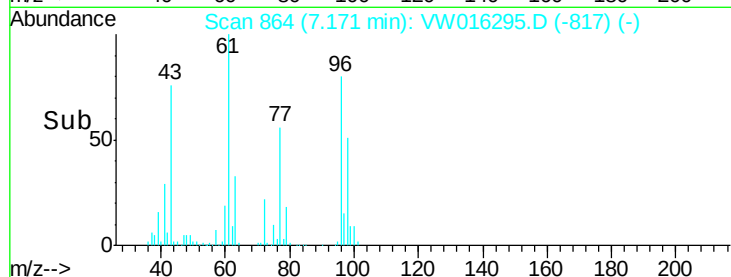
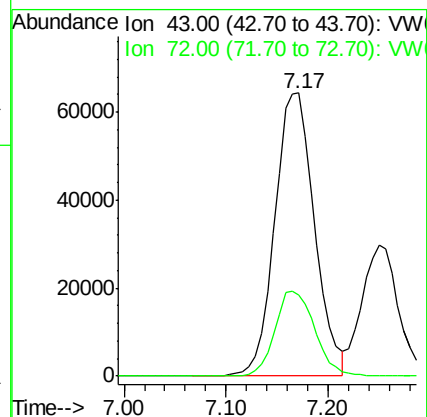
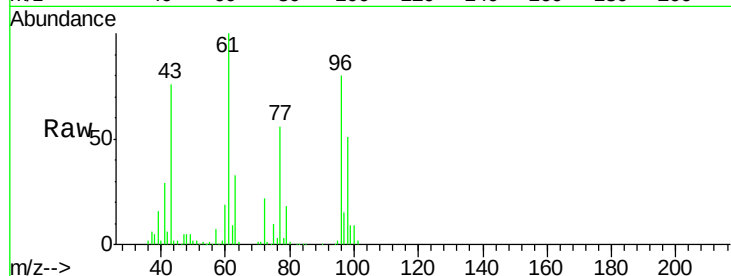
72 28.6 24.2 36.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.282 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016295.D

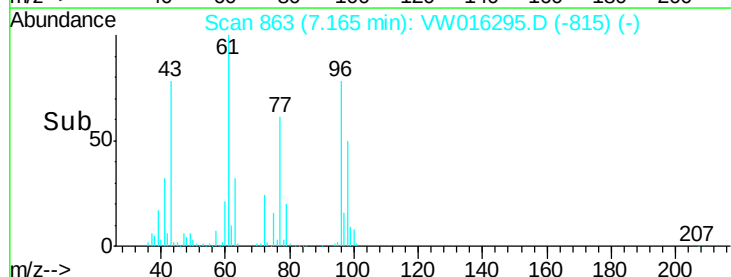
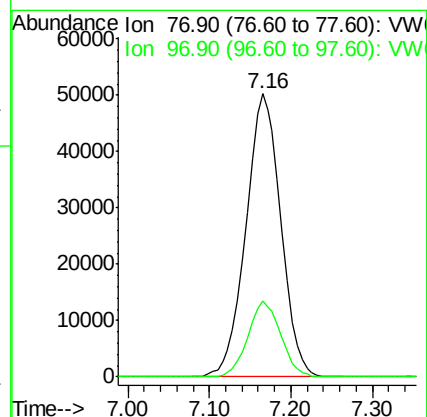
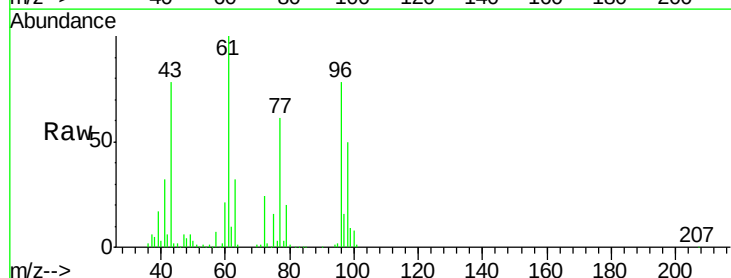
Acq: 21 Aug 2020 06:15

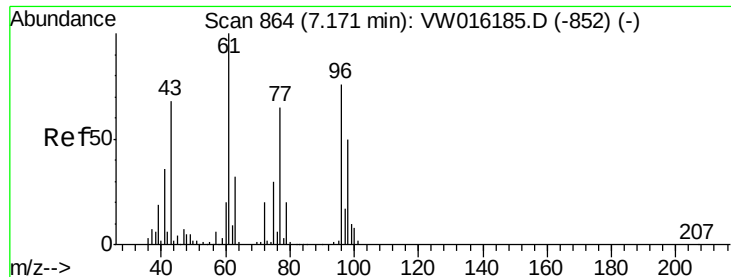
Tgt Ion: 77 Resp: 148981

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3





#27

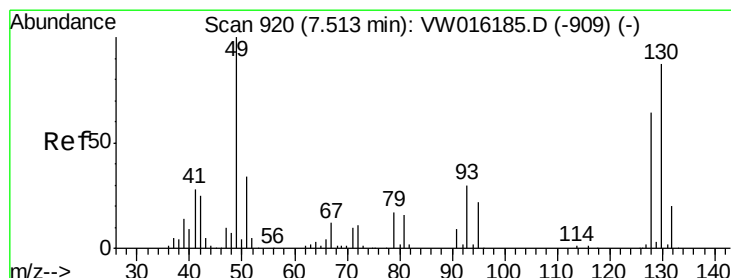
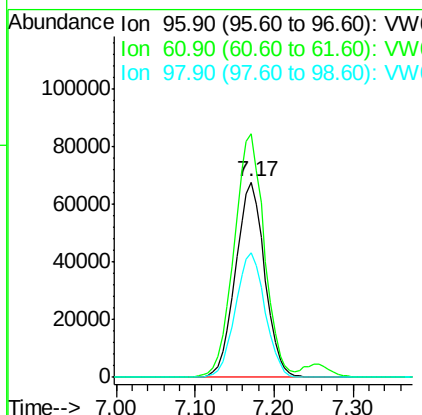
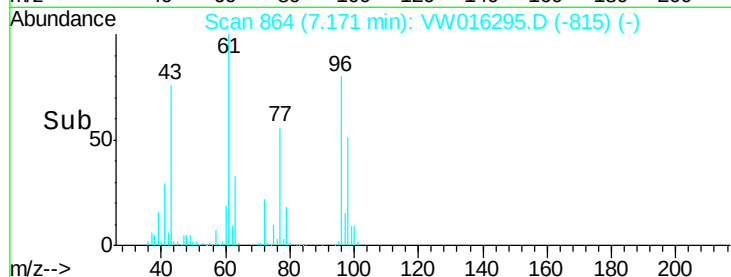
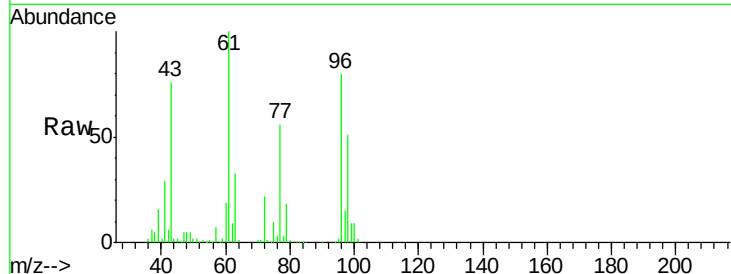
cis-1,2-Dichloroethene
Concen: 56.952 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	173456		
61	129.5	0.0	267.0	
98	64.8	0.0	129.6	

Manual Integrations
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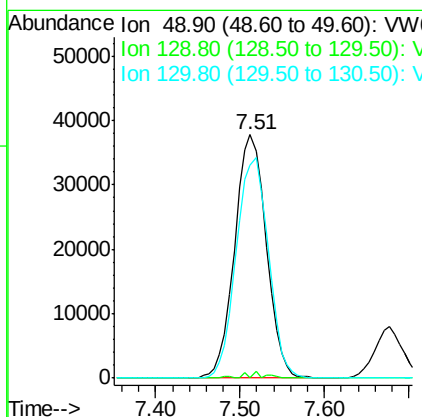
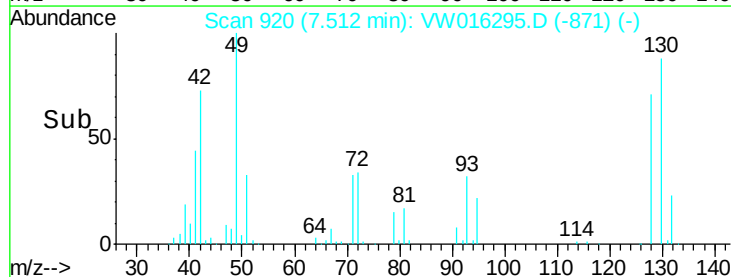
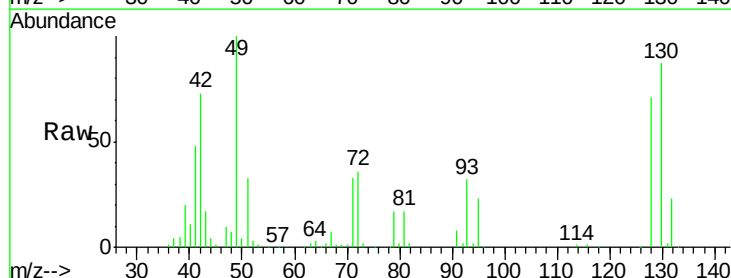
MMDadoda
8/21/2020 11:26:00 AM

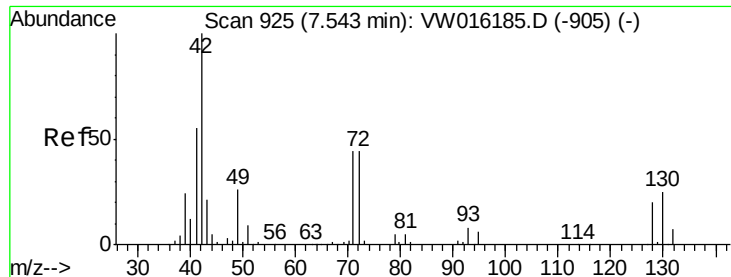


#28

Bromochloromethane
Concen: 52.901 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	95873		
129	0.3	0.0	4.2	
130	92.5	69.9	104.9	





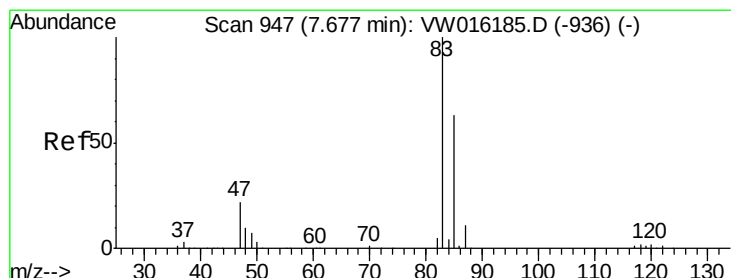
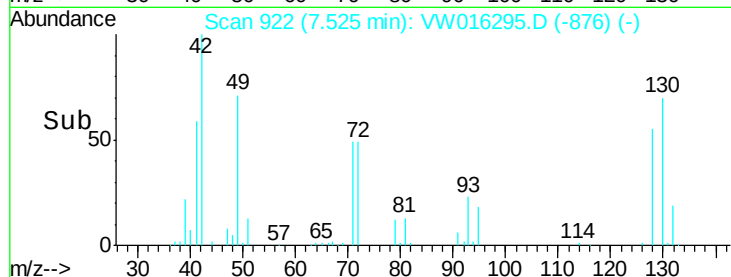
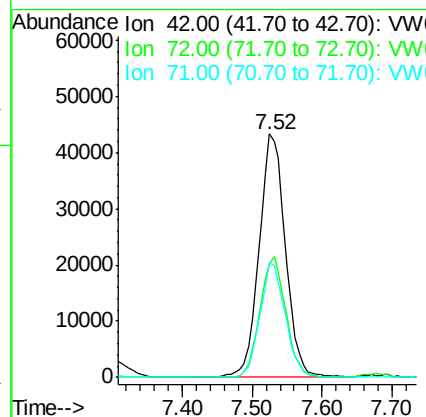
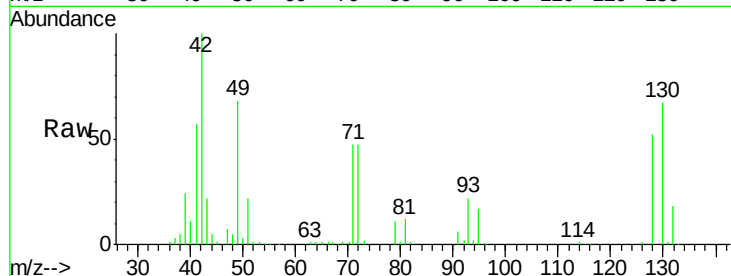
#29
Tetrahydrofuran
Concen: 305.145 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.02 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.4	56.2
71	45.3	35.6	53.4

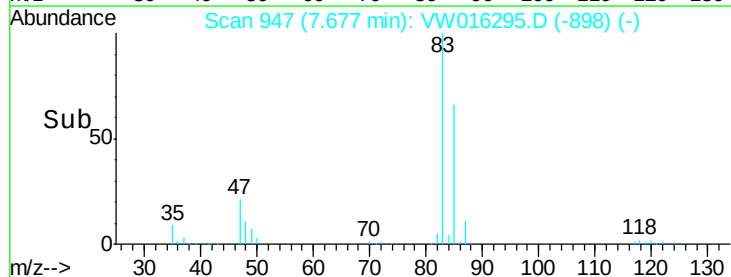
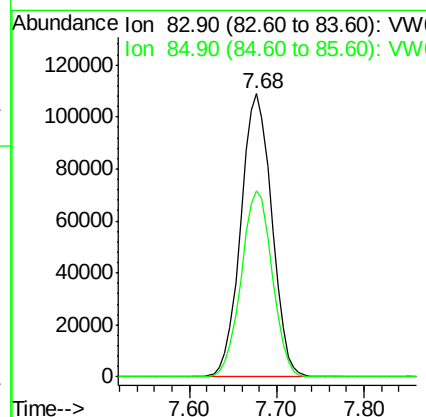
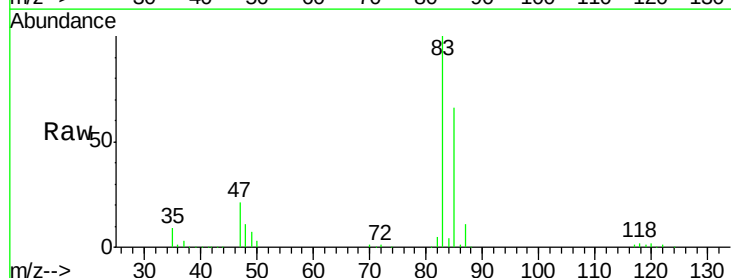
Manual Integrations
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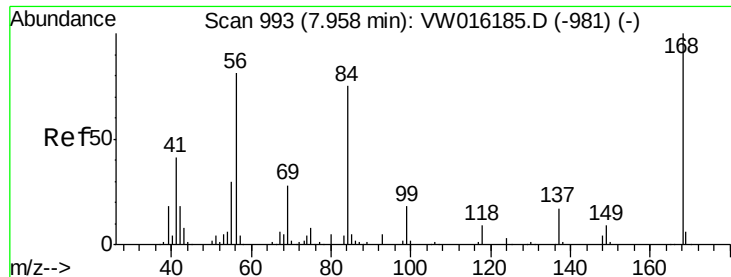
MMDadoda
8/21/2020 11:26:00 AM



#30
Chloroform
Concen: 54.075 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.0	75.0





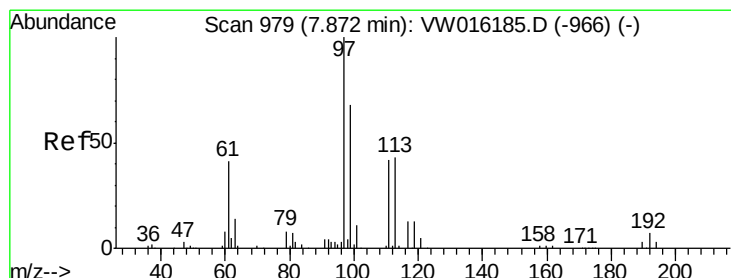
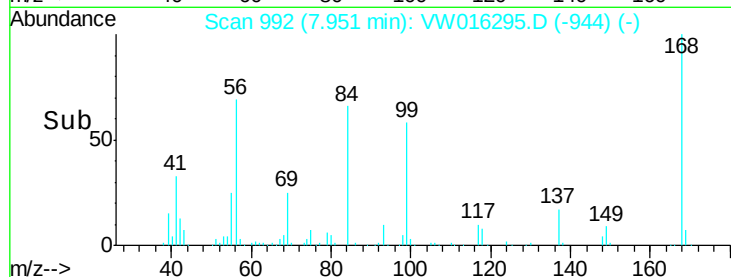
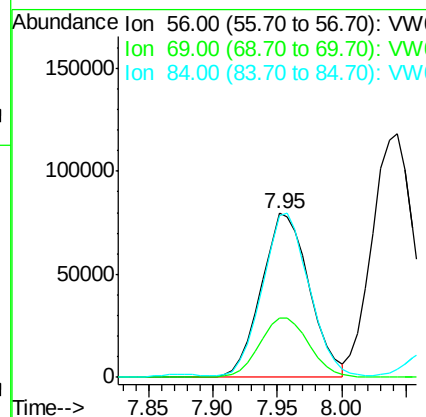
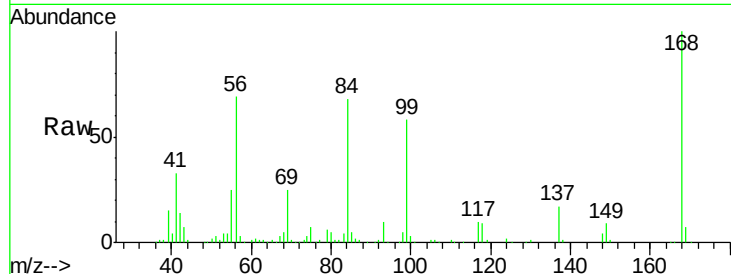
#31
Cyclohexane
Concen: 46.788 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	206081
Ion	Ratio	Lower	Upper
56	100		
69	35.9	27.3	40.9
84	97.3	73.5	110.3

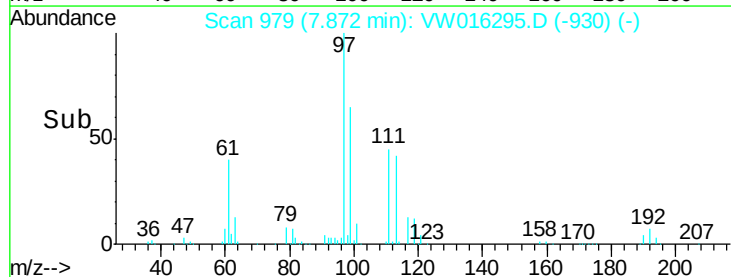
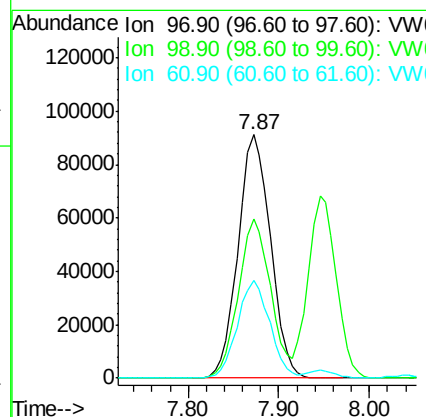
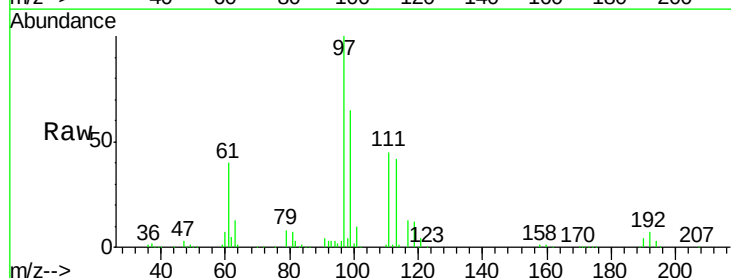
Manual Integrations
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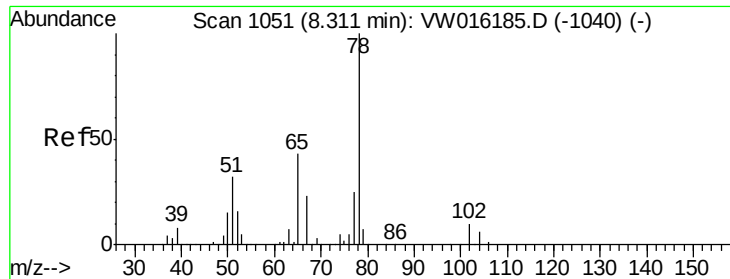
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 54.359 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	97	Resp	226670
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.3	76.9
61	39.9	33.2	49.8





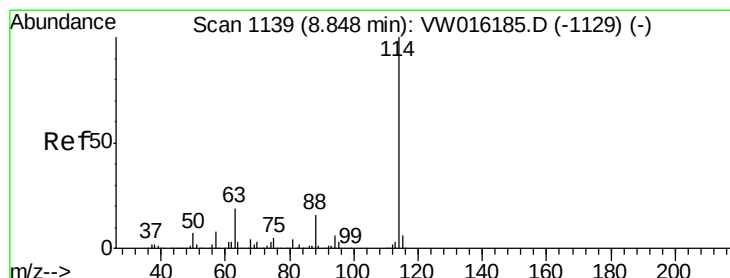
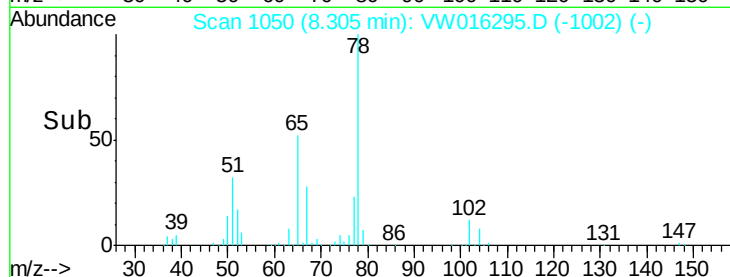
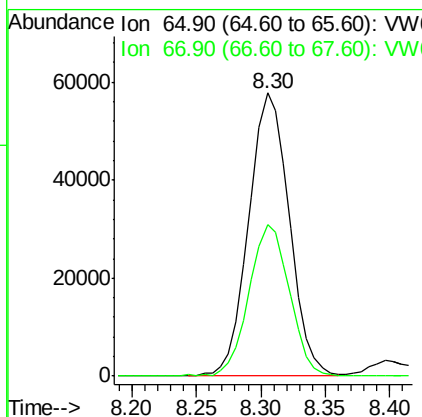
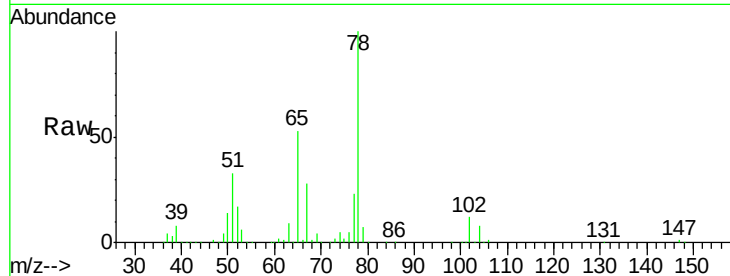
#33
 1,2-Dichloroethane-d4
 Concen: 52.172 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	125918		
67	53.3	0.0	105.6	

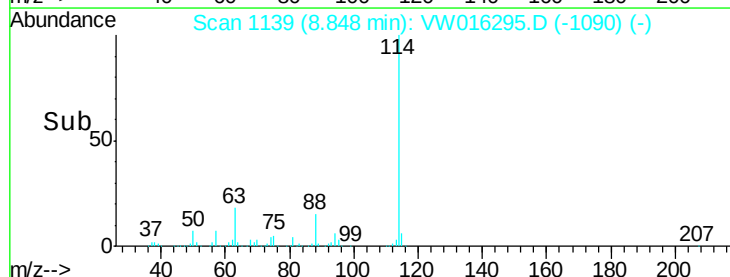
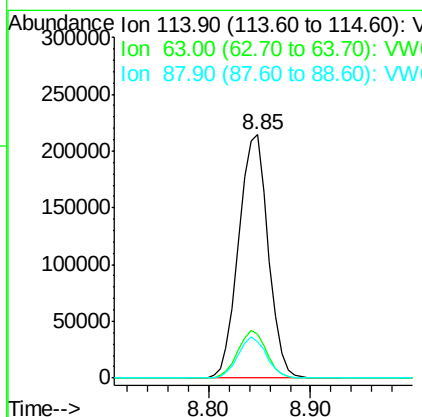
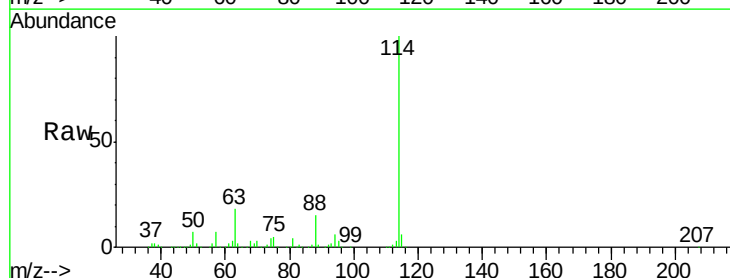
Manual Integrations
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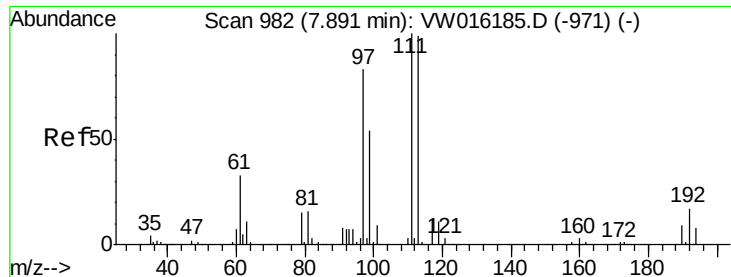
MMDadoda
 8/21/2020 11:26:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	429768		
63	18.1	0.0	38.4	
88	15.1	0.0	32.8	





#35

Dibromofluoromethane

Concen: 49.540 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

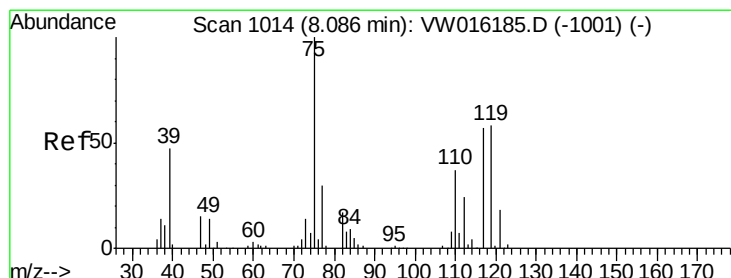
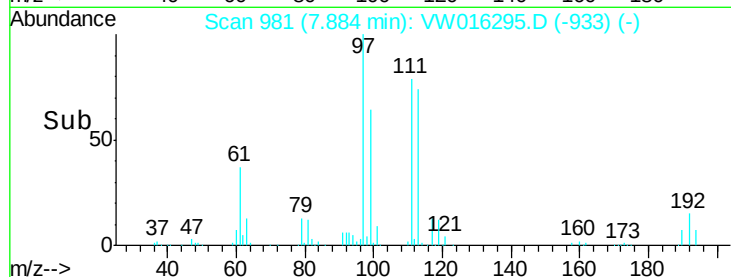
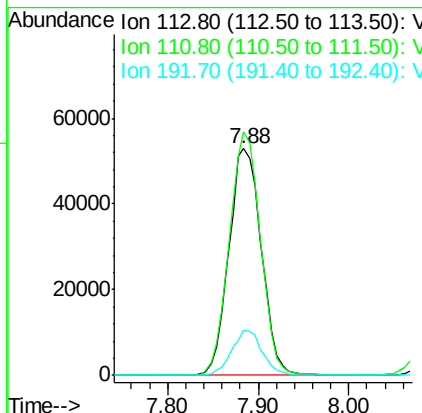
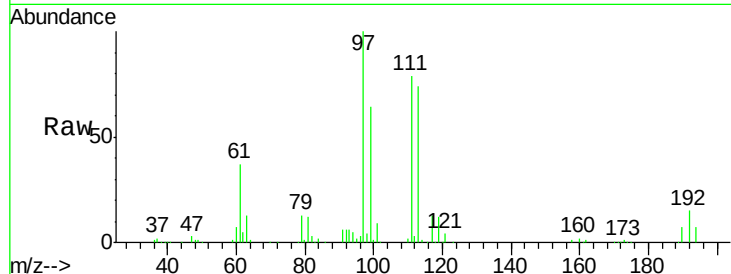
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	131366
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.5	125.3
192	18.6	14.3	21.5

Manual Integrations
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8/21/2020 11:26:00 AM



#36

1,1-Dichloropropene

Concen: 49.353 ug/l

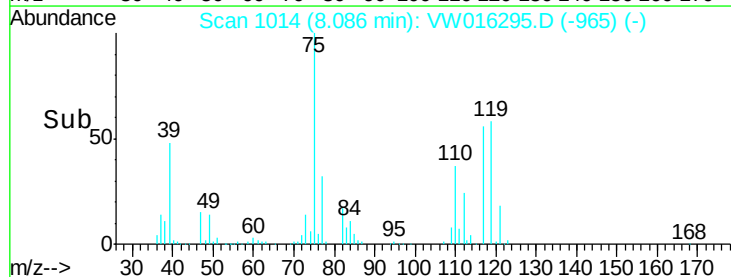
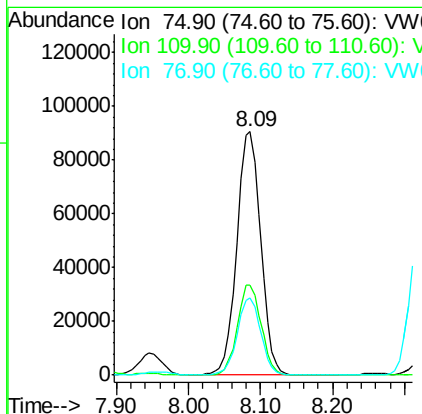
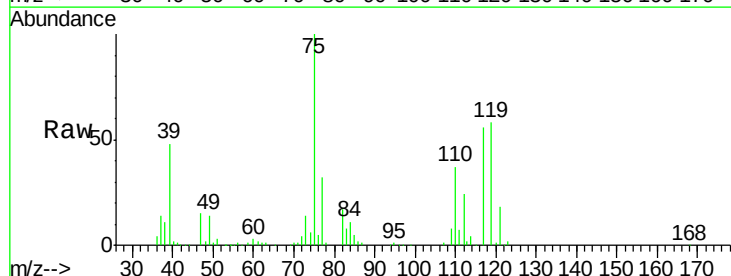
RT: 8.09 min Scan# 1014

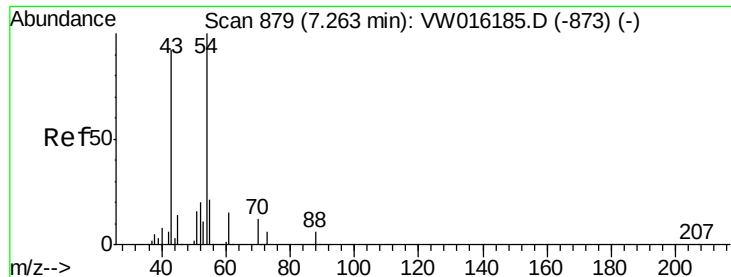
Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Tgt Ion:	75	Resp:	208952
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.3
77	31.2	24.7	37.1





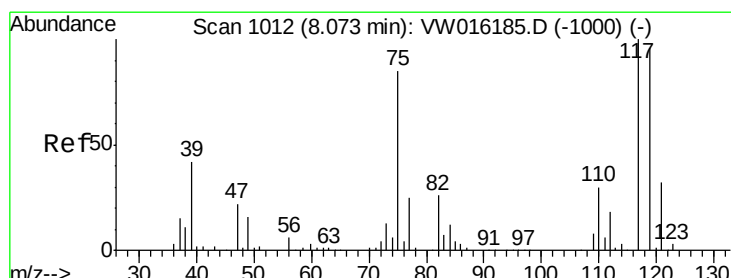
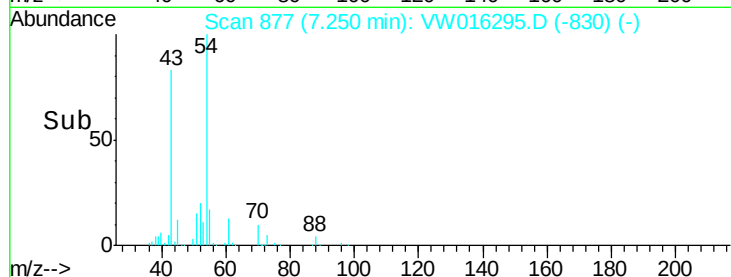
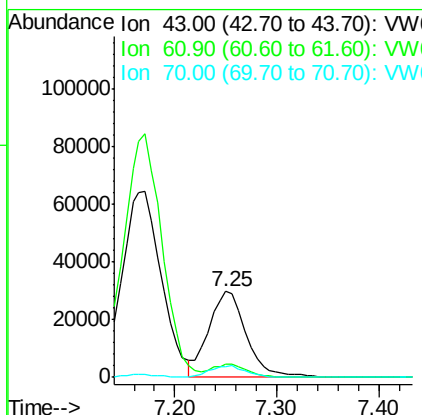
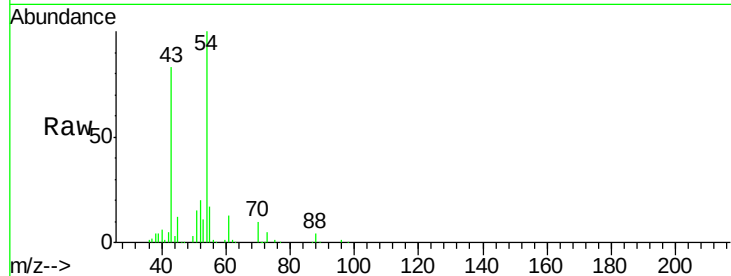
#37
Ethyl Acetate
Concen: 52.551 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.6	18.8
70	13.4	9.8	14.8

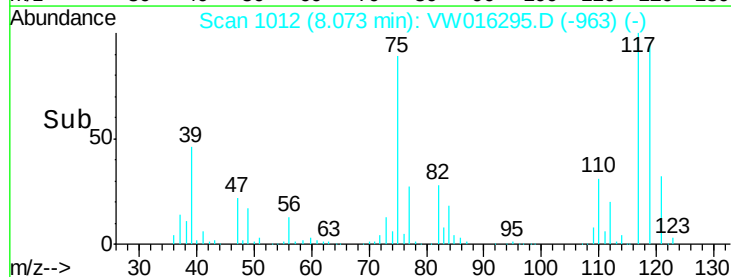
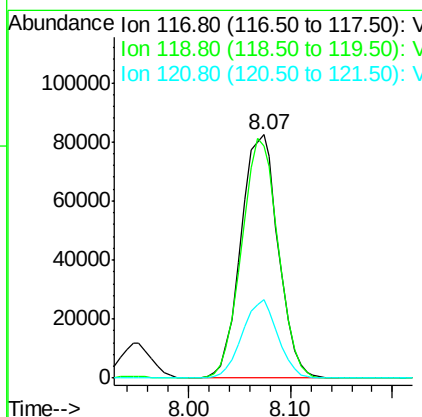
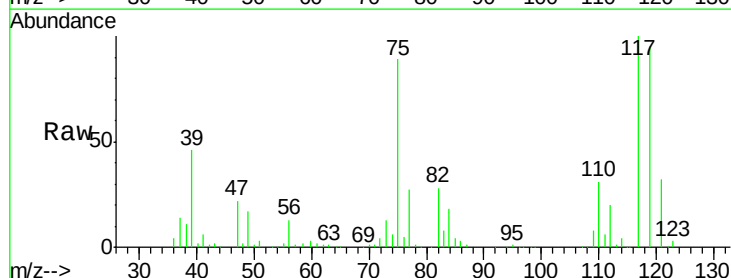
Manual Integrations
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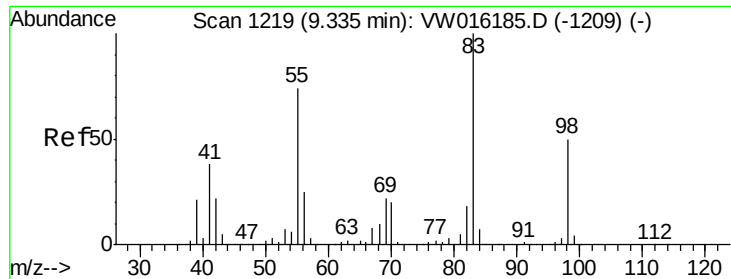
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#38
Carbon Tetrachloride
Concen: 49.707 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	115.0
121	32.2	25.4	38.0





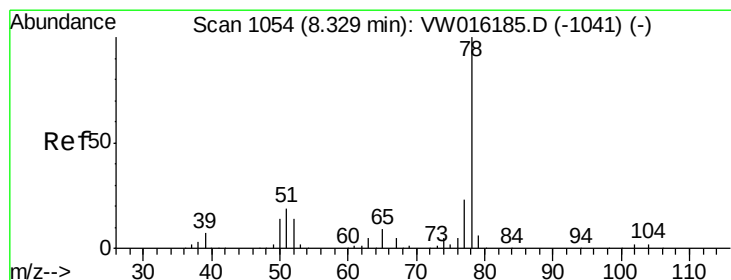
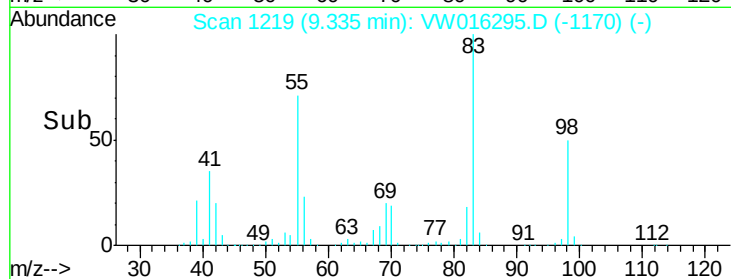
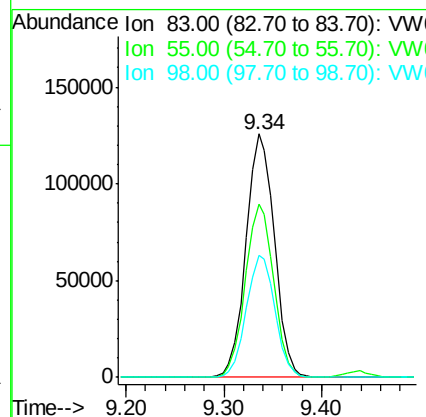
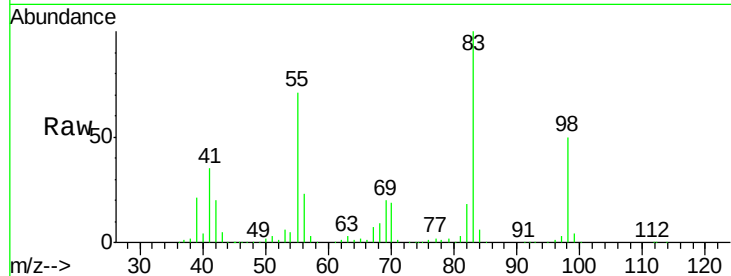
#39
Methylvlcyclohexane
Concen: 49.538 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	252631
Ion	Ratio	Lower	Upper
83	100		
55	71.0	59.2	88.8
98	50.4	40.2	60.2

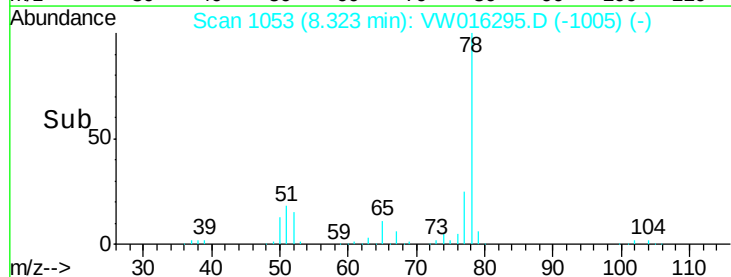
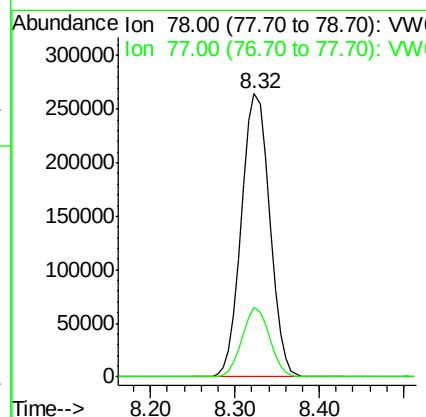
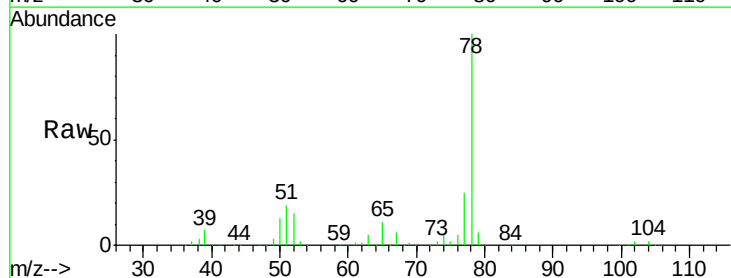
Manual Integrations
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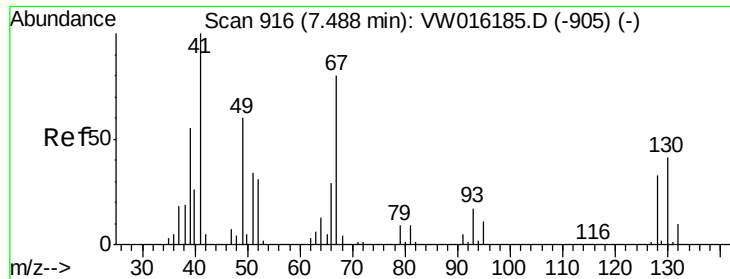
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#40
Benzene
Concen: 50.283 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	78	Resp	598902
Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.6	28.0





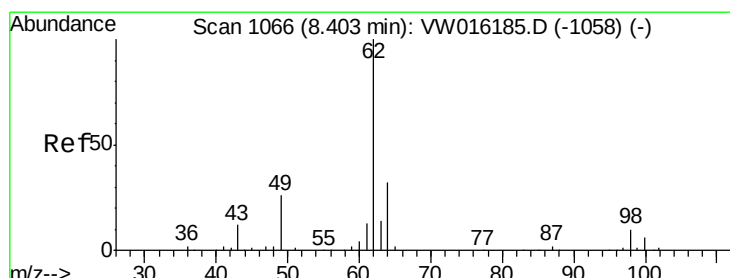
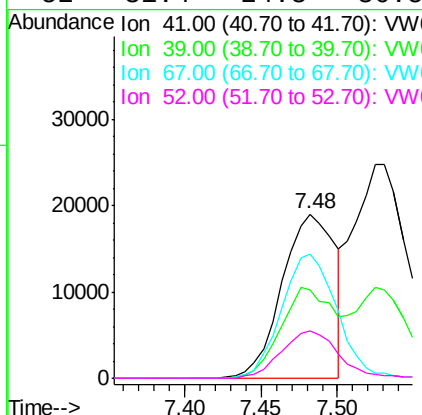
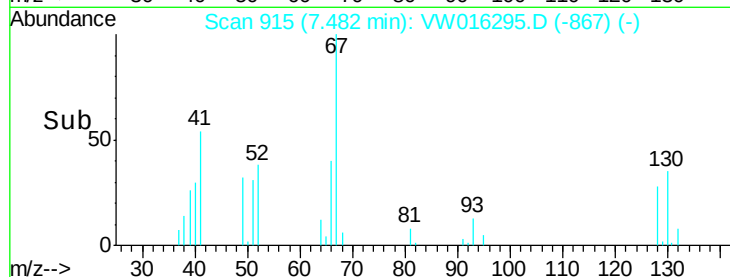
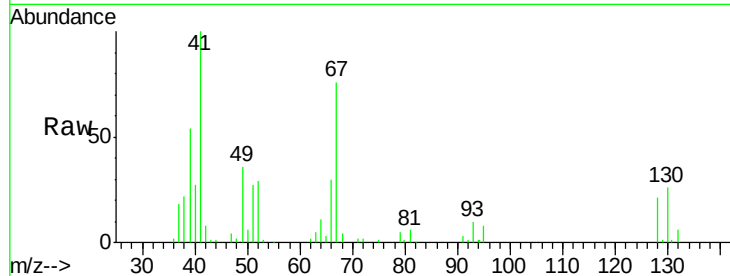
#41
Methacrylonitrile
Concen: 55.247 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	45770
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.4	65.2
67	78.9	61.5	92.3
52	31.4	24.3	36.5

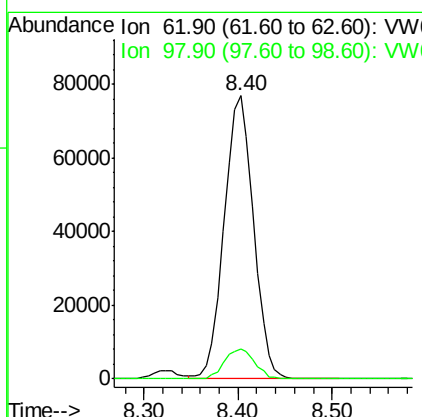
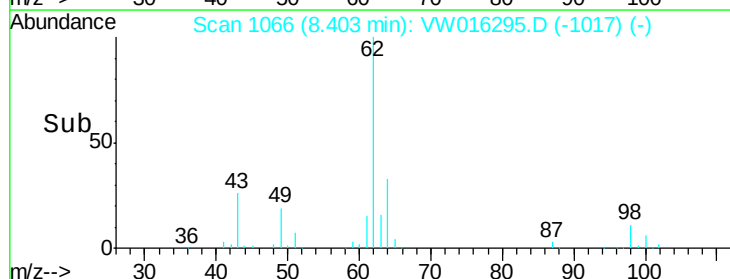
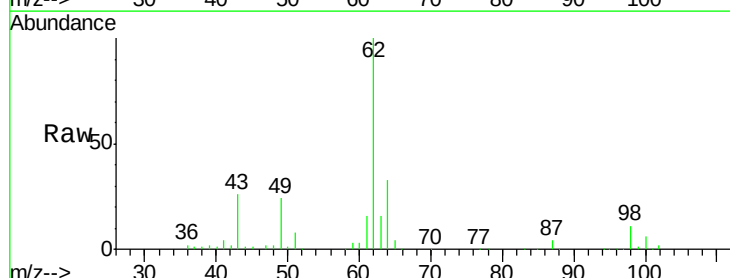
Manual Integrations
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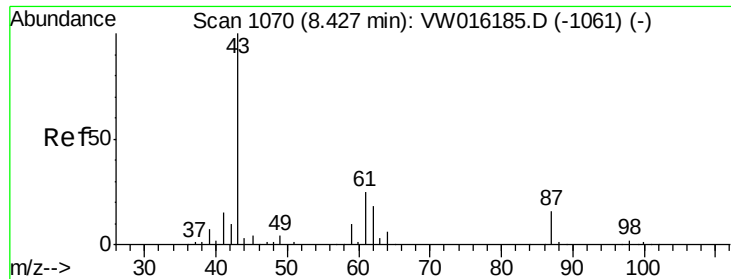
MMDadoda
8/21/2020 11:26:00 AM



#42
1,2-Dichloroethane
Concen: 52.830 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion:	62	Resp:	166187
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.8





#43

Isopropyl Acetate

Concen: 54.454 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

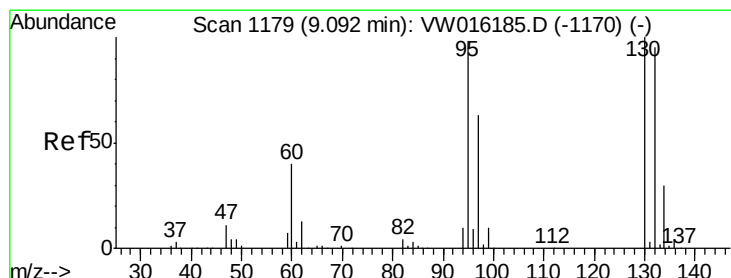
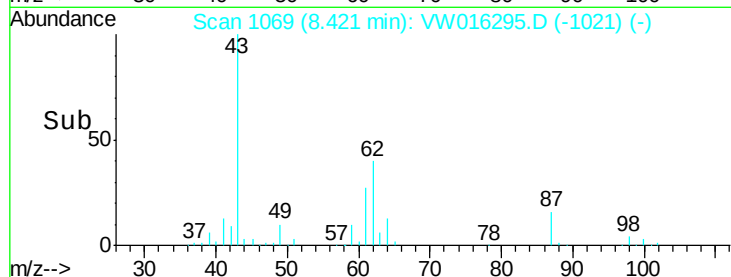
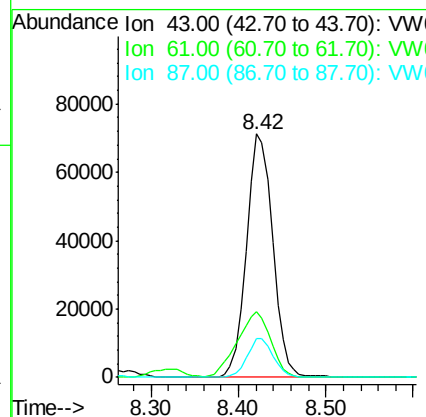
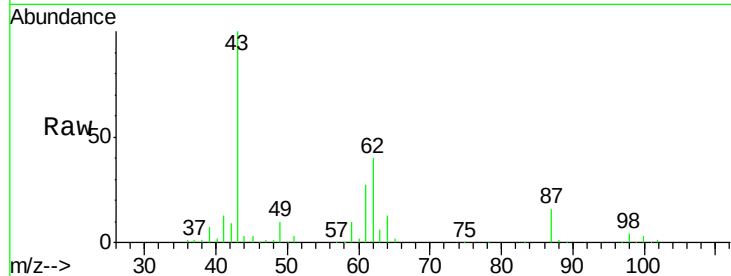
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	148710
Ion	Ratio	Lower	Upper
43	100		
61	34.2	26.9	40.3
87	15.8	12.0	18.0

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#44

Trichloroethene

Concen: 50.612 ug/l

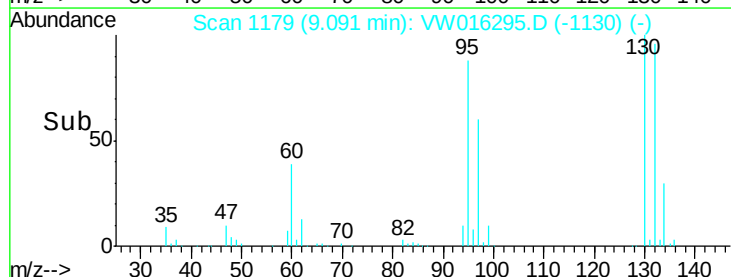
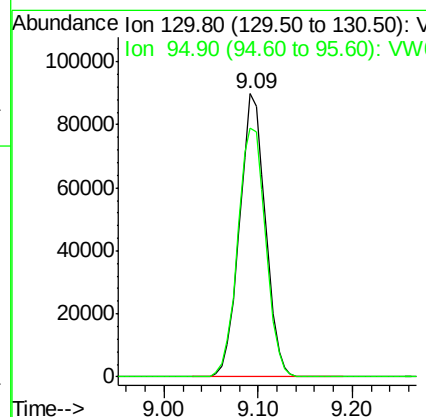
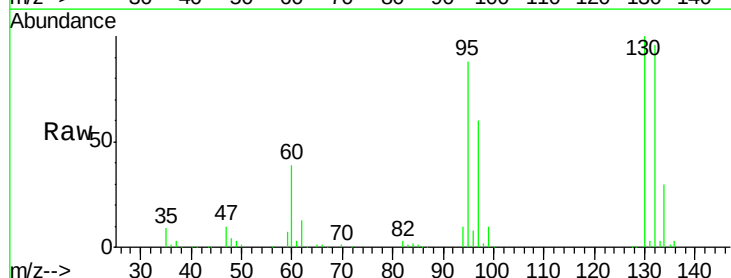
RT: 9.09 min Scan# 1179

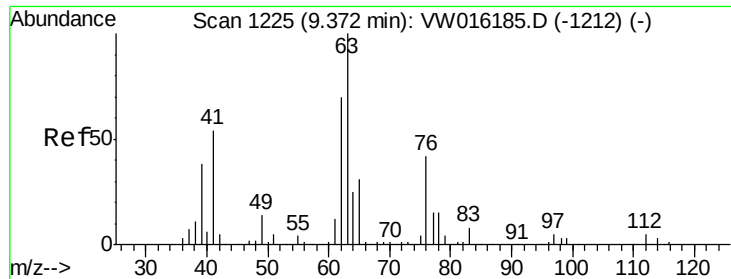
Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Tgt Ion:	130	Resp:	170729
Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	196.4





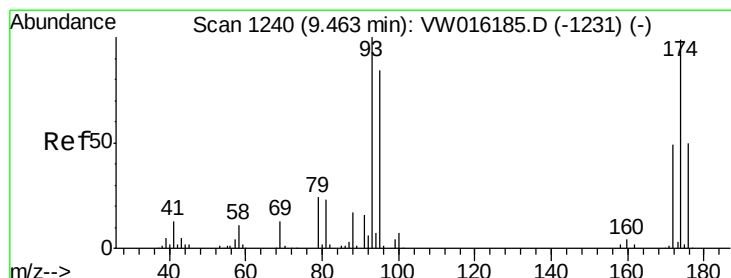
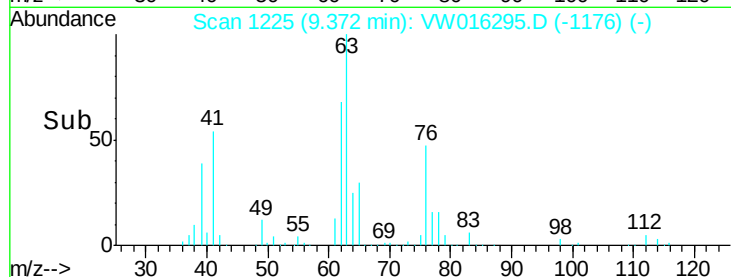
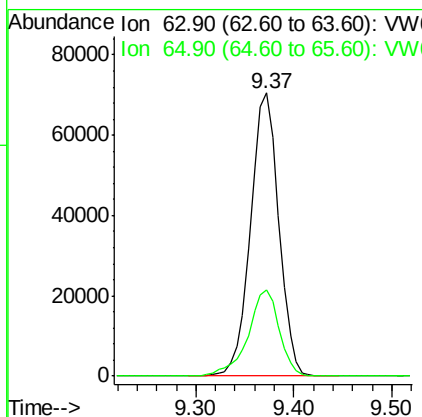
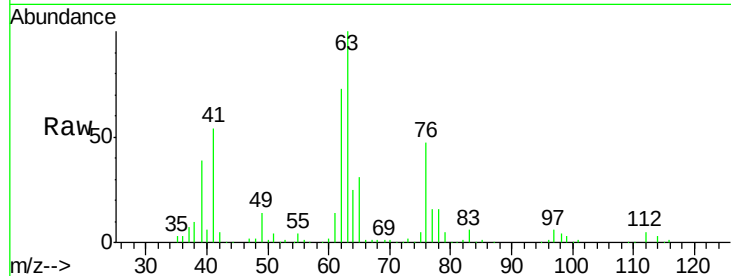
#45
 1,2-Dichloropropane
 Concen: 50.356 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 141380
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6

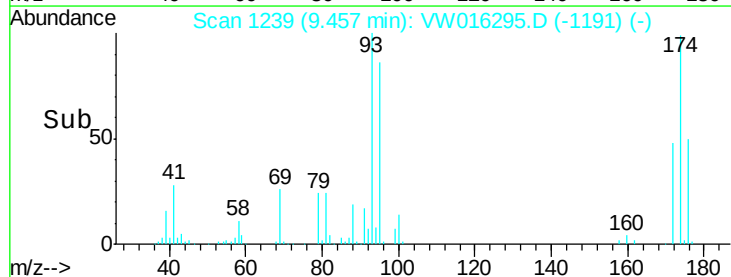
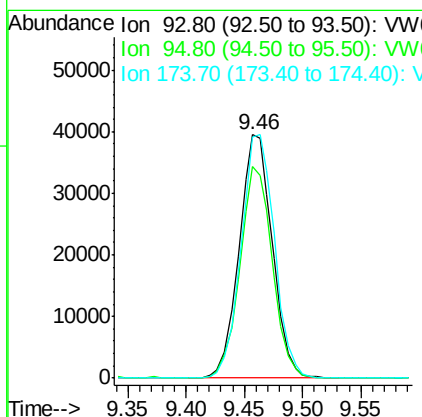
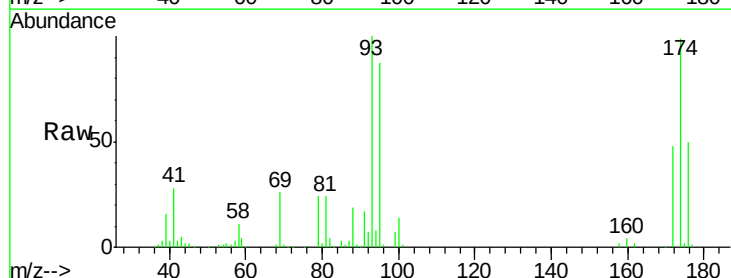
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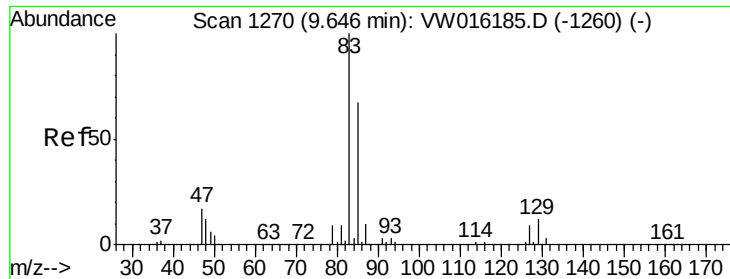
MMDadoda
 8/21/2020 11:26:00 AM



#46
 Dibromomethane
 Concen: 53.020 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion: 93 Resp: 78152
 Ion Ratio Lower Upper
 93 100
 95 85.1 65.9 98.9
 174 100.9 77.0 115.6





#47

Bromodichloromethane

Concen: 53.336 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

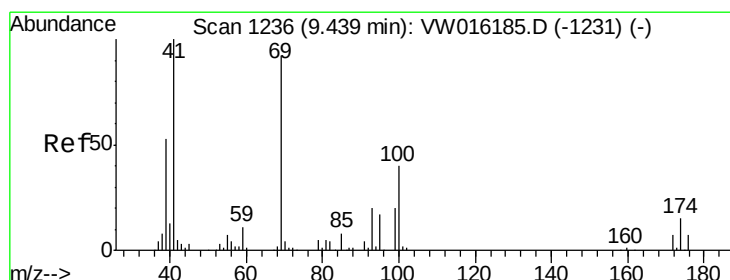
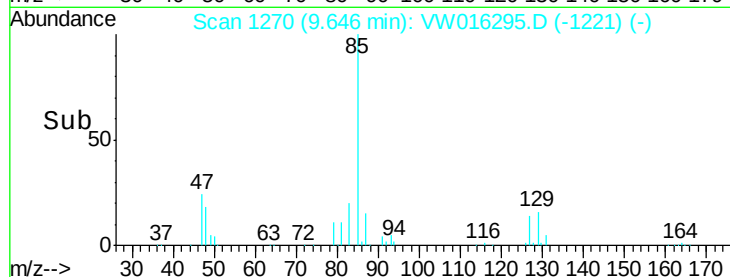
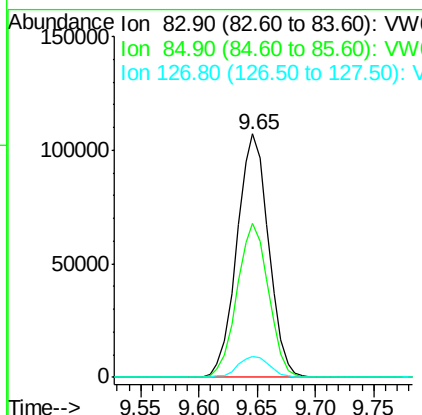
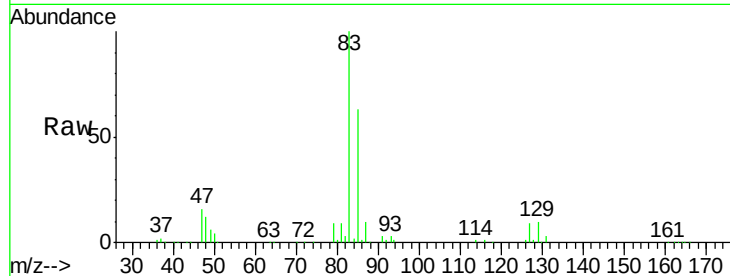
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	203121
Ion Ratio	Lower	Upper	
83	100		
85	63.4	53.3	79.9
127	8.6	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.482 ug/l

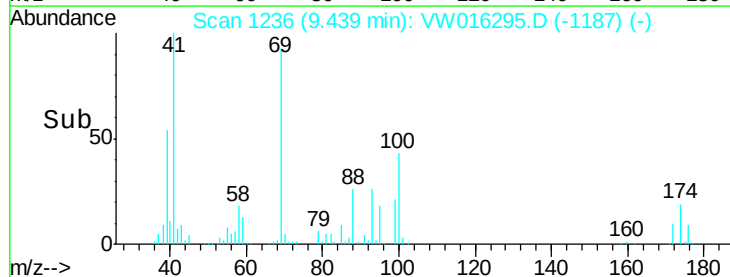
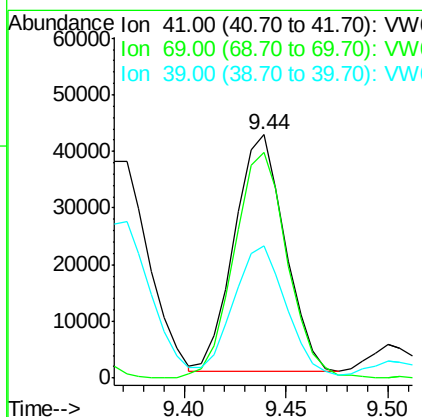
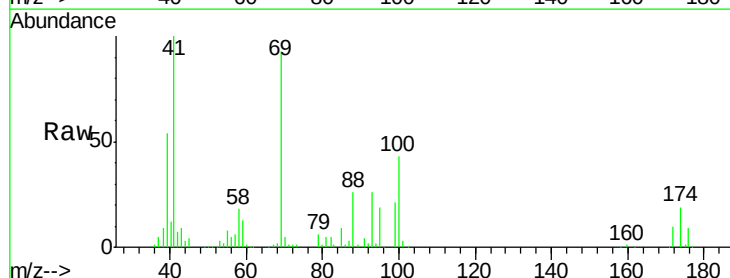
RT: 9.44 min Scan# 1236

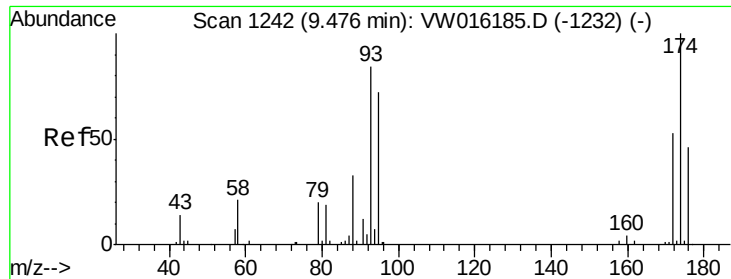
Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Tgt Ion:	41	Resp:	71707
Ion Ratio	Lower	Upper	
41	100		
69	100.8	77.4	116.0
39	55.6	42.2	63.2





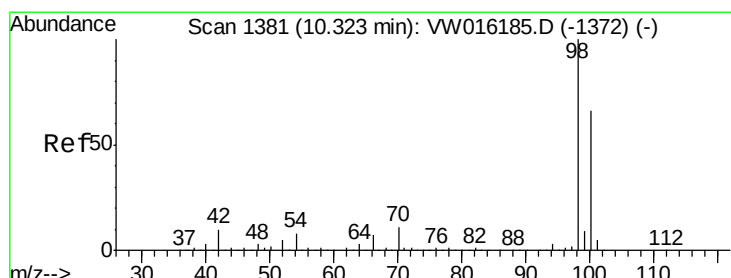
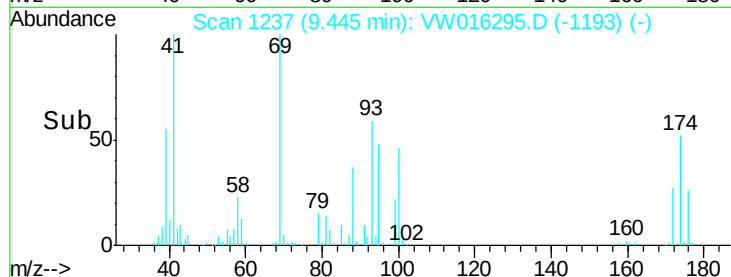
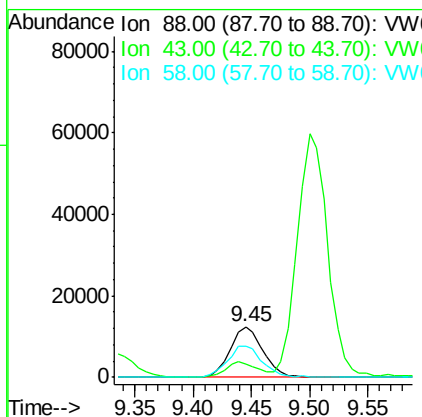
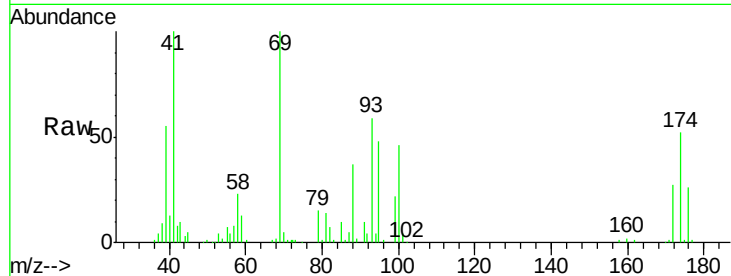
#49
1,4-Dioxane
Concen: 1297.034 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.03 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	24074
Ion	Ratio	Lower	Upper
88	100		
43	29.0	0.0	0.0#
58	65.5	56.6	84.8

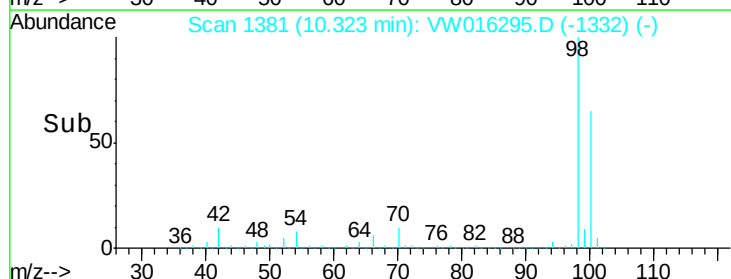
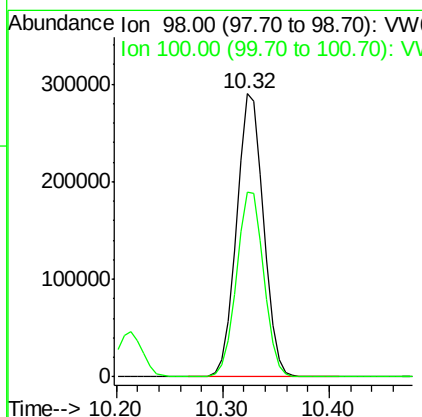
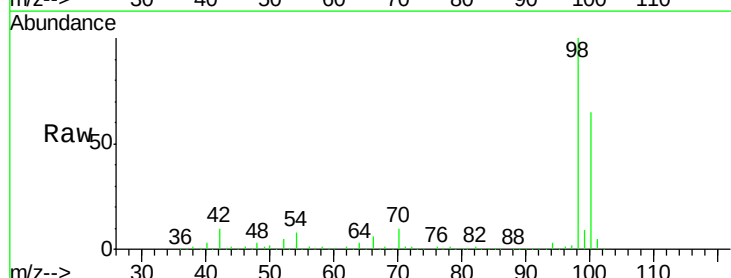
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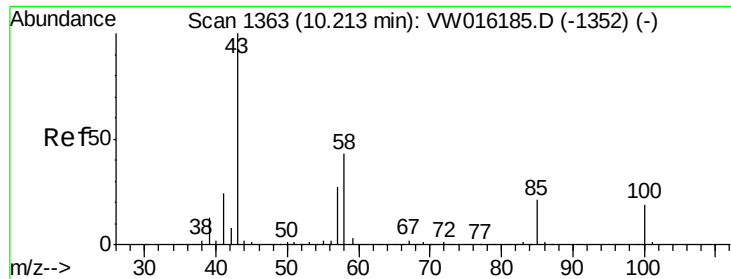
MMDadoda
8/21/2020 11:26:00 AM



#50
Toluene-d8
Concen: 50.198 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	98	Resp	515248
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 279.857 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 386547

Ion Ratio Lower Upper

43 100

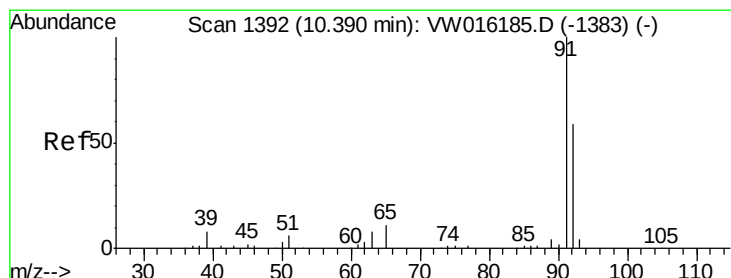
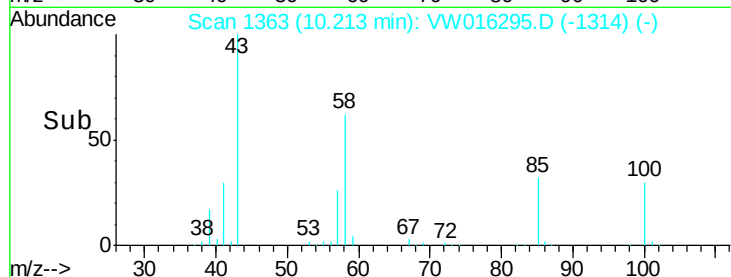
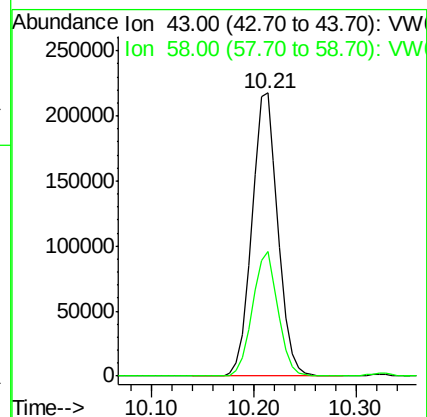
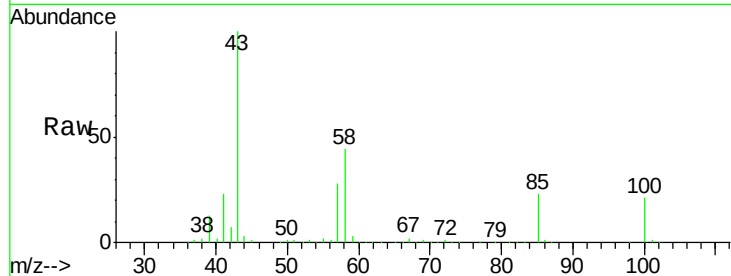
58 43.2 33.7 50.5

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#52

Toluene

Concen: 51.437 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016295.D

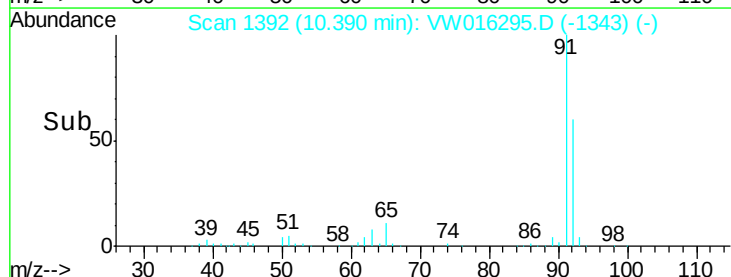
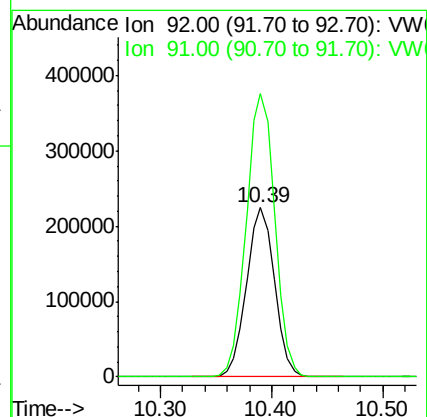
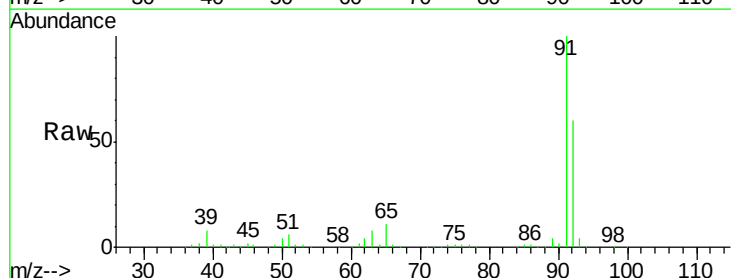
Acq: 21 Aug 2020 06:15

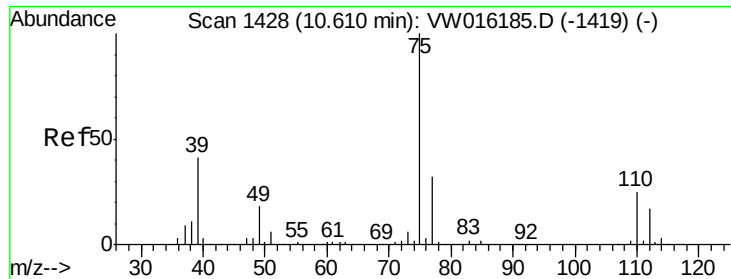
Tgt Ion: 92 Resp: 392305

Ion Ratio Lower Upper

92 100

91 170.4 133.3 199.9





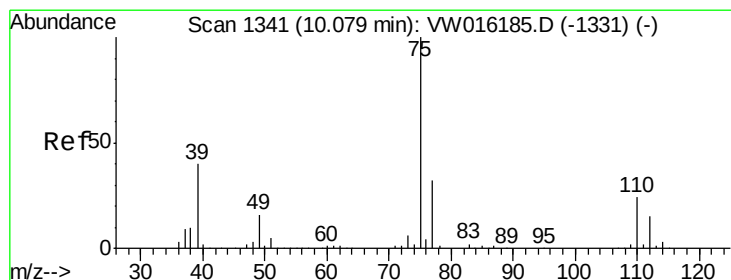
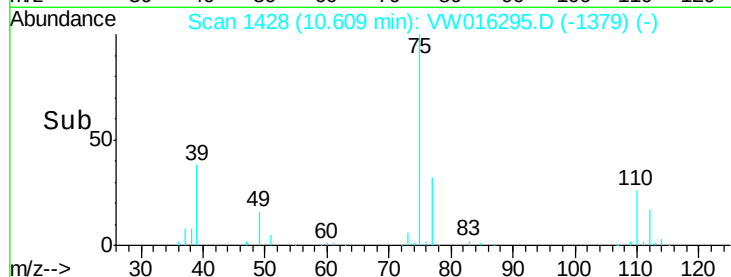
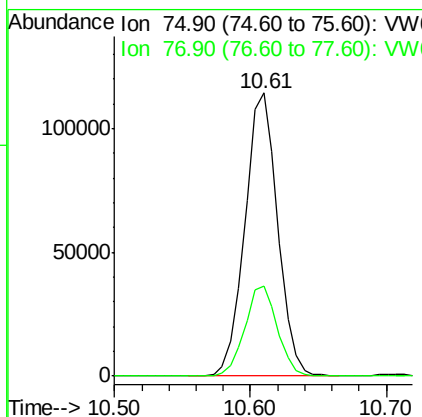
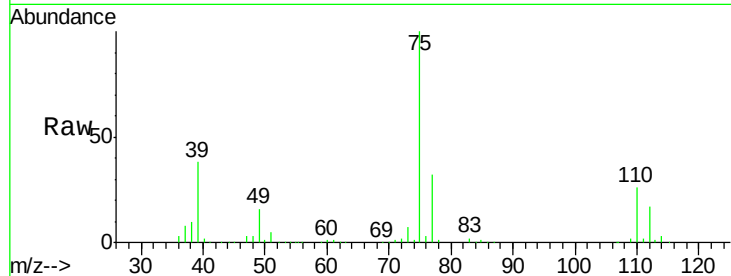
#53
t-1,3-Dichloropropene
Concen: 54.609 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.6	38.4

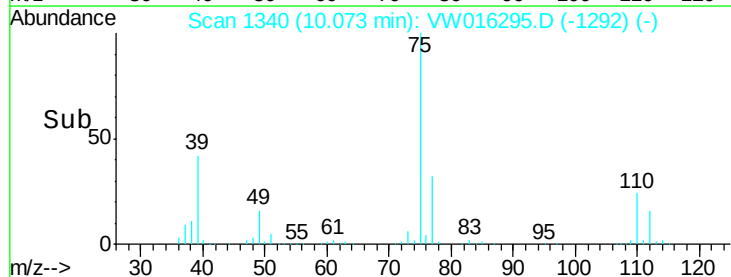
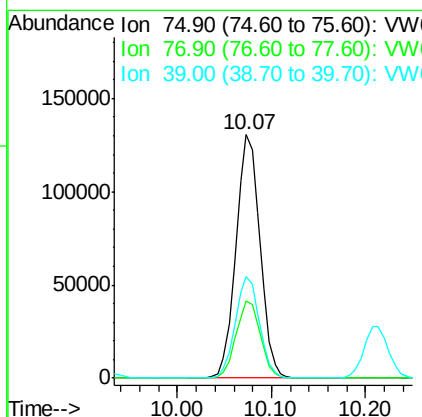
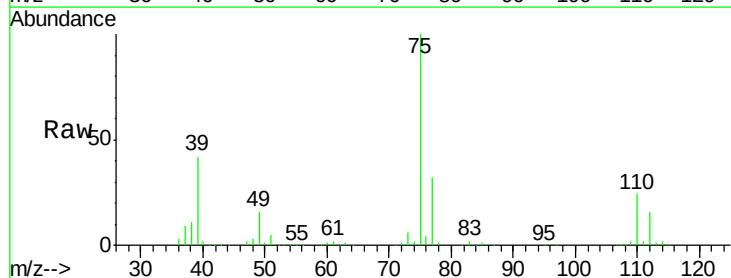
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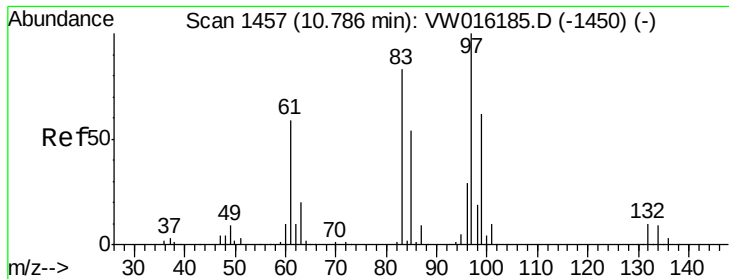
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.605 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	41.8	32.3	48.5





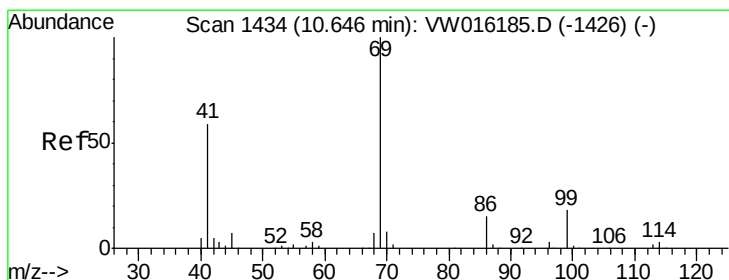
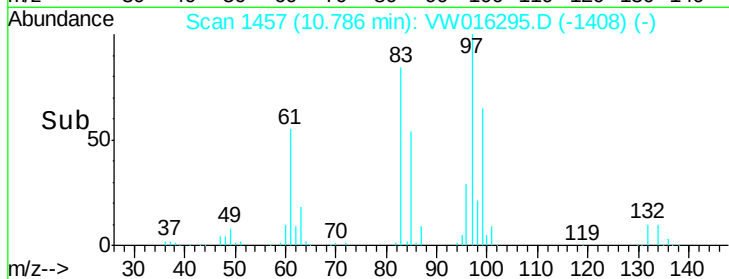
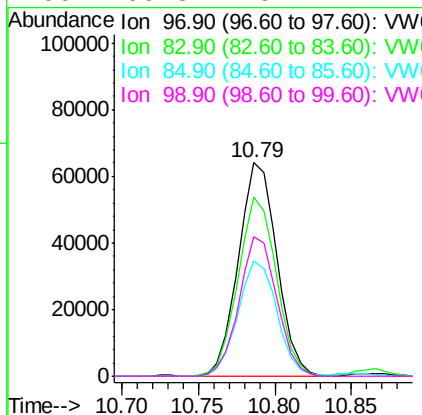
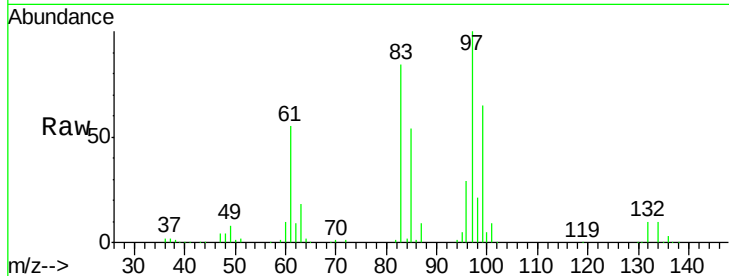
#55
 1,1,2-Trichloroethane
 Concen: 53.164 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		112441		
83	83.5	66.6	100.0		
85	54.0	43.0	64.4		
99	65.3	49.4	74.2		

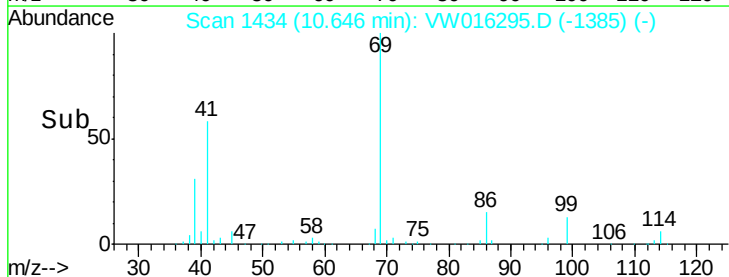
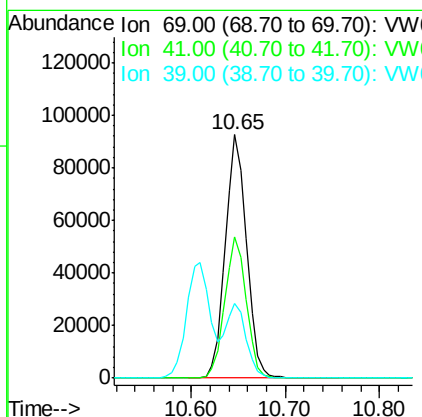
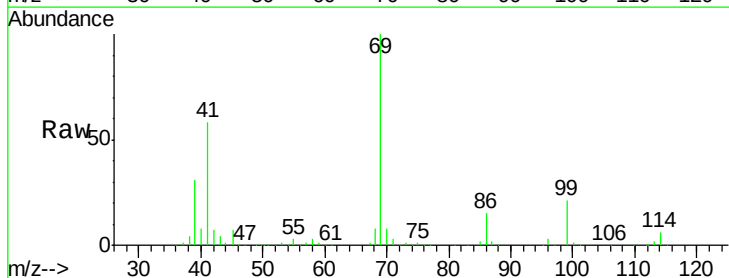
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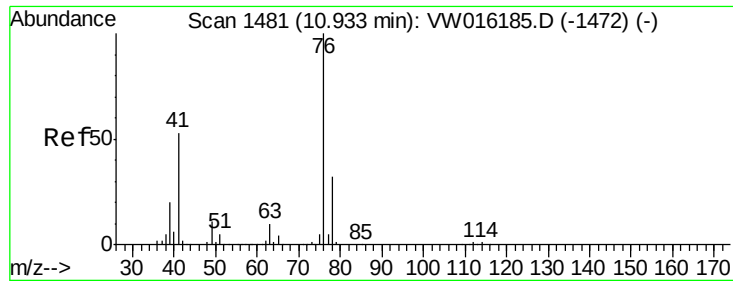
MMDadoda
 8/21/2020 11:26:00 AM



#56
 Ethyl methacrylate
 Concen: 60.271 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		145369		
41	58.4	47.6	71.4		
39	29.8	24.6	36.8		





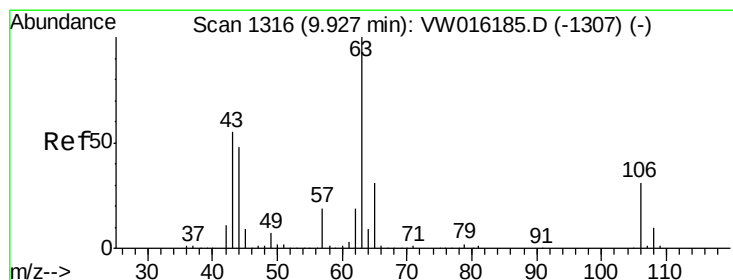
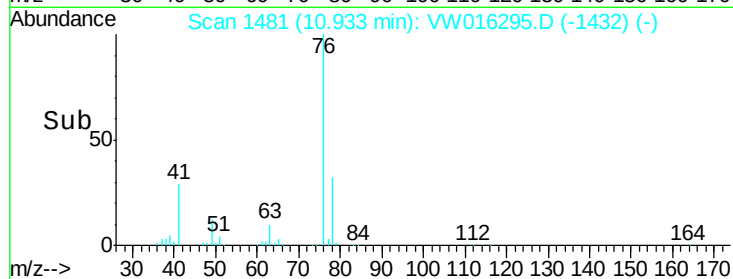
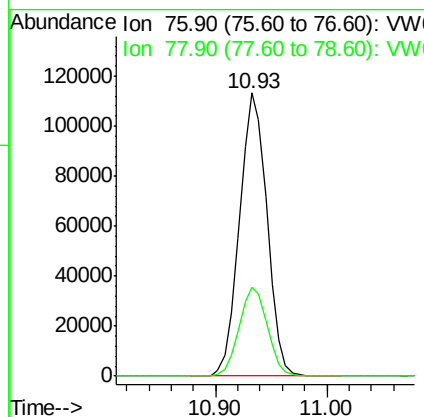
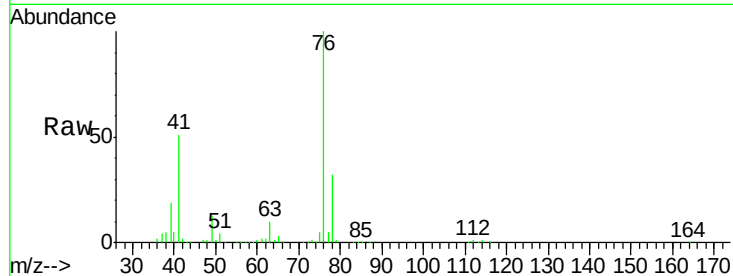
#57
 1,3-Dichloropropane
 Concen: 53.772 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 193497
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

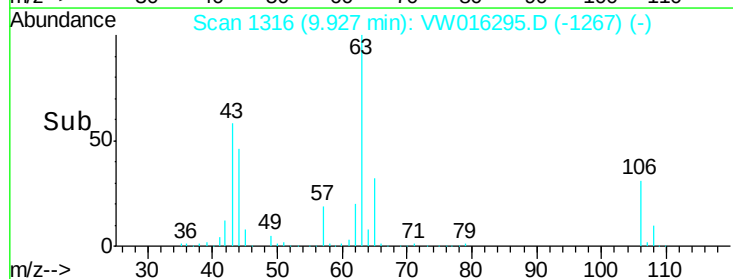
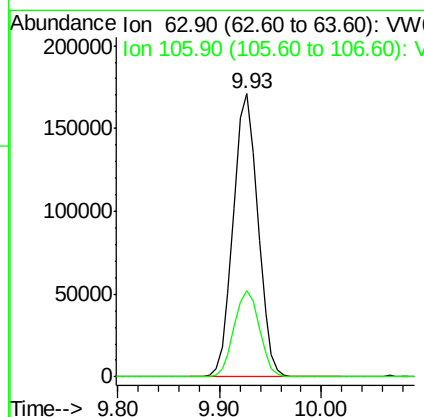
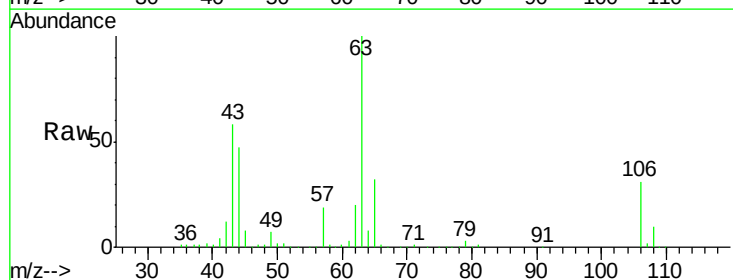
Manual Integrations
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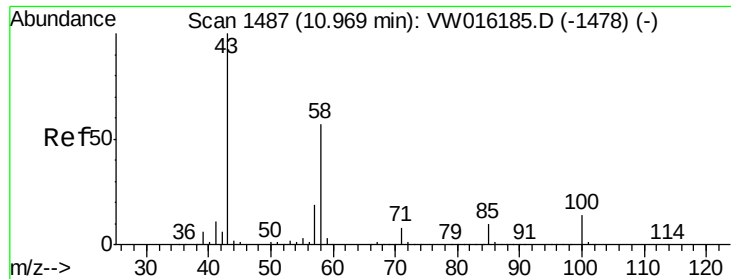
MMDadoda
 8/21/2020 11:26:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.397 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion: 63 Resp: 285251
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.9 37.3





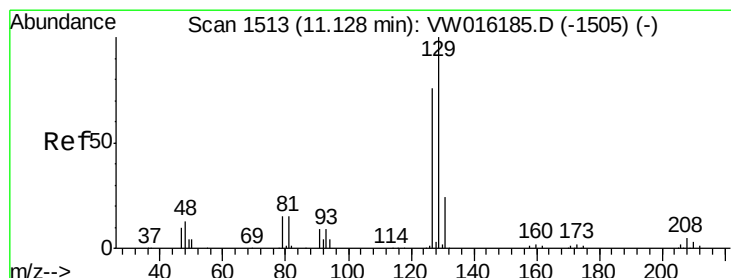
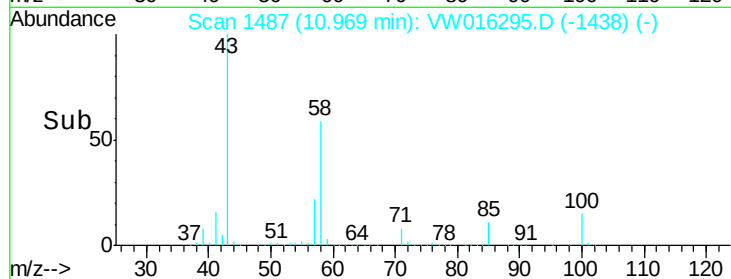
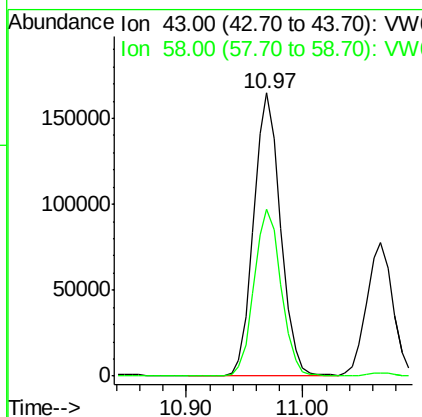
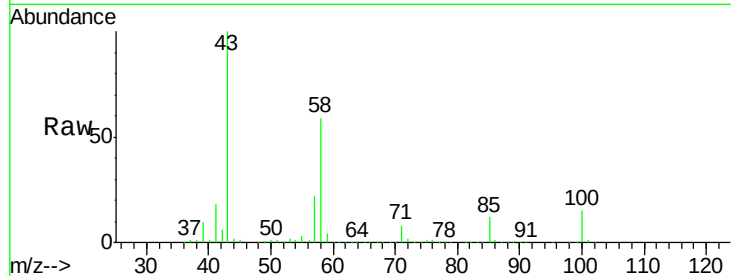
#59
2-Hexanone
Concen: 280.477 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 265026
Ion Ratio Lower Upper
43 100
58 59.5 28.8 86.5

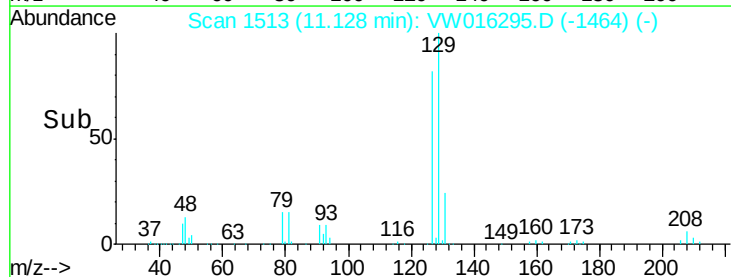
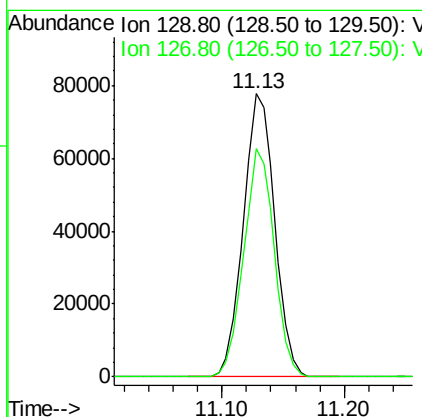
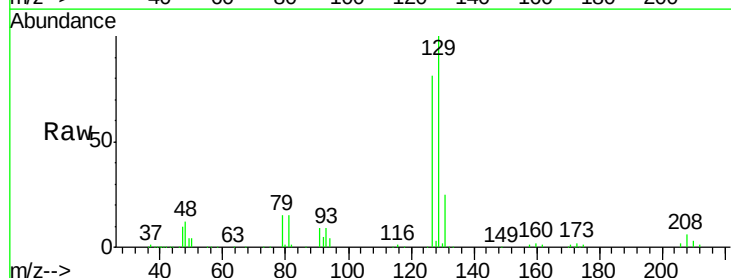
Manual Integrations
APPROVED

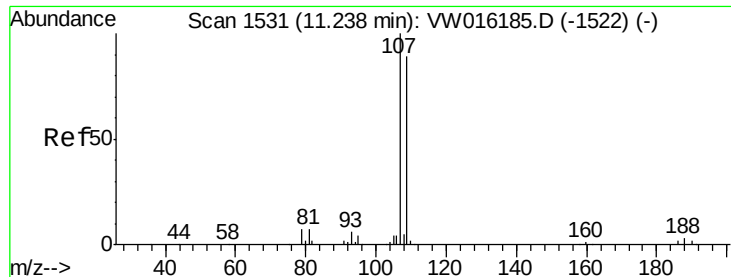
MMDadoda
8/21/2020 11:26:00 AM



#60
Dibromochloromethane
Concen: 55.127 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion: 129 Resp: 138701
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.8





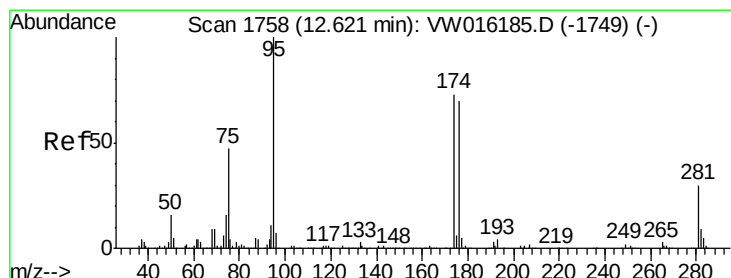
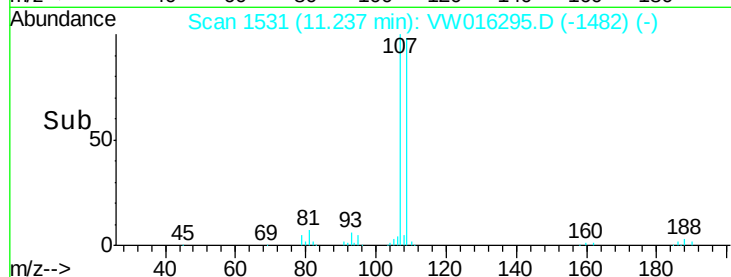
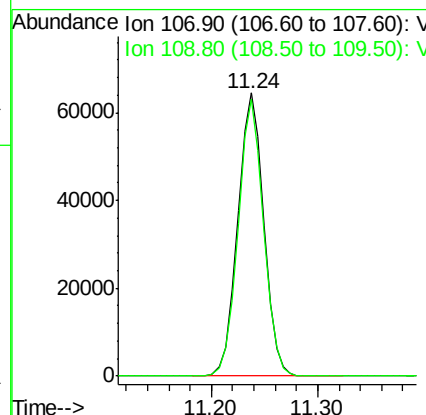
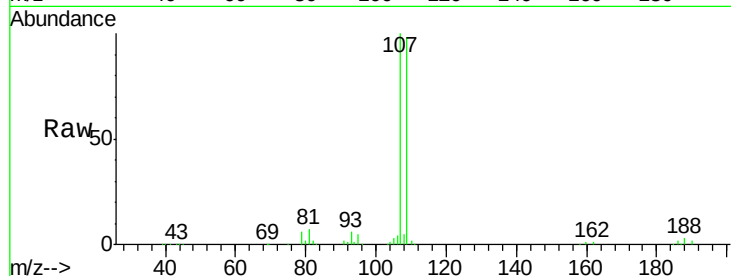
#61
 1,2-Dibromoethane
 Concen: 54.173 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	110296		
109	95.6	74.7	112.1	

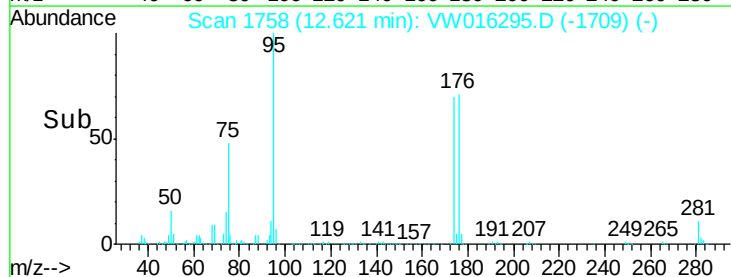
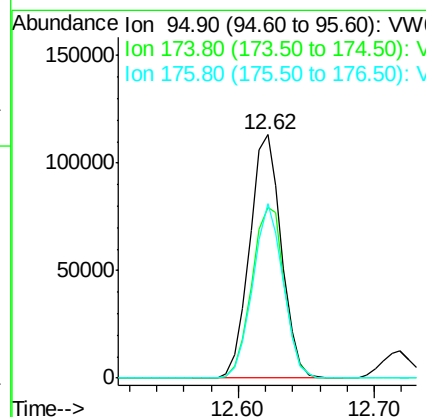
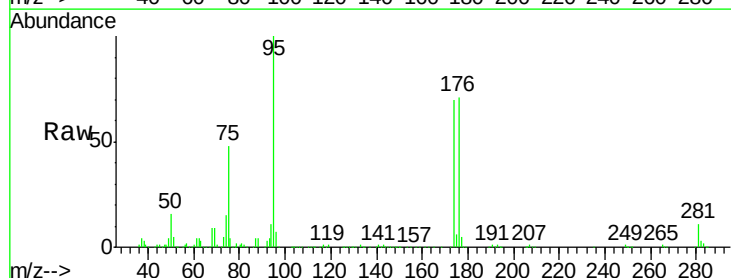
Manual Integrations
 APPROVED

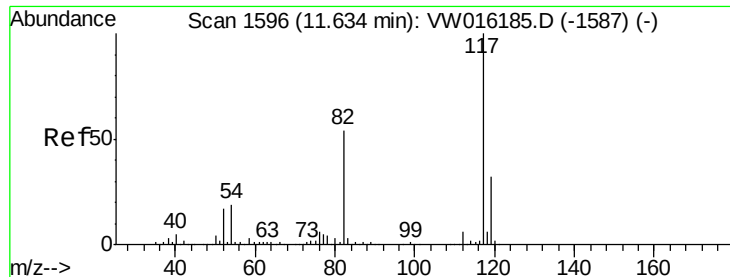
MMDadoda
 8/21/2020 11:26:00 AM



#62
 4-Bromofluorobenzene
 Concen: 50.444 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	185080		
174	72.4	0.0	145.6	
176	68.8	0.0	137.8	





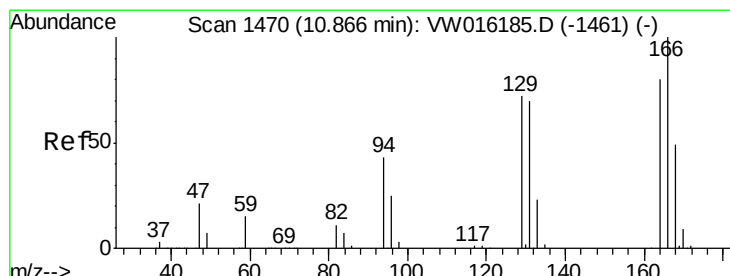
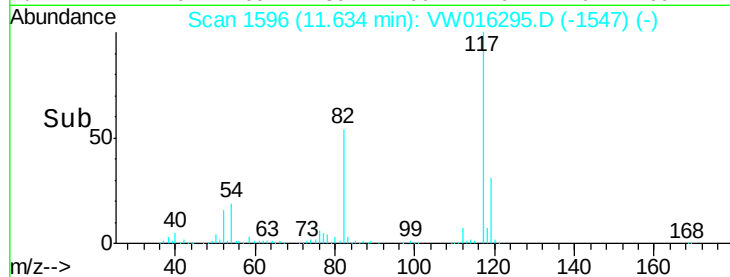
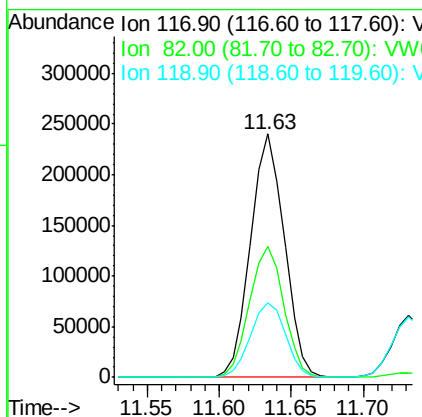
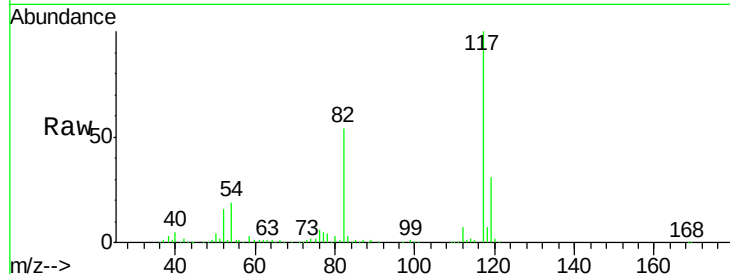
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.6	65.4
119	30.7	25.4	38.0

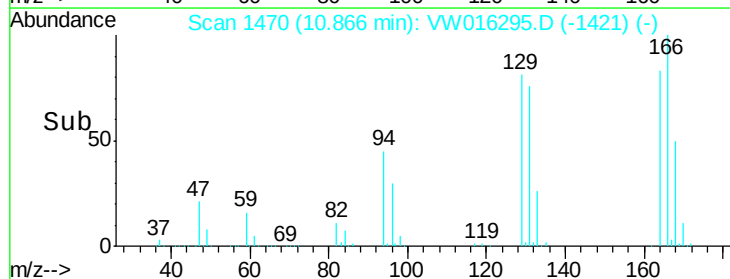
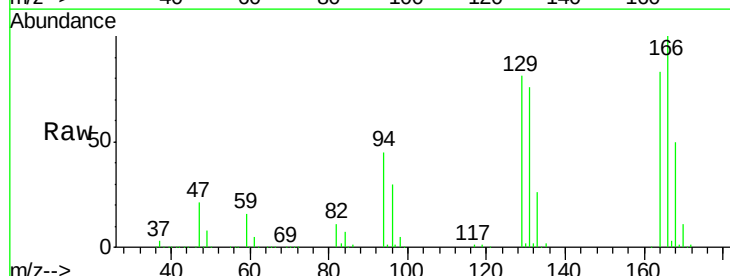
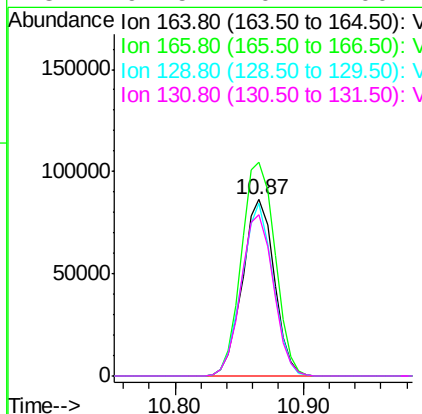
Manual Integrations
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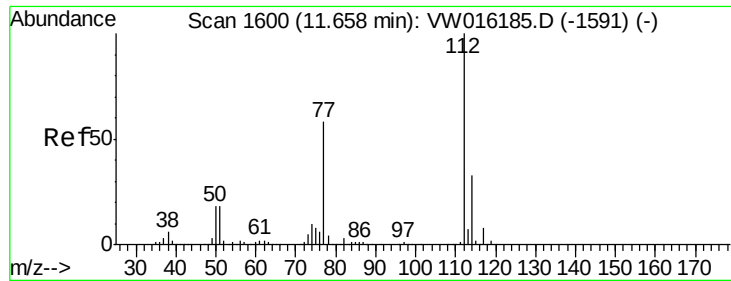
MMDadoda
8/21/2020 11:26:00 AM



#64
Tetrachloroethene
Concen: 57.440 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.0	100.3	150.5
129	98.2	72.2	108.4
131	91.5	70.7	106.1





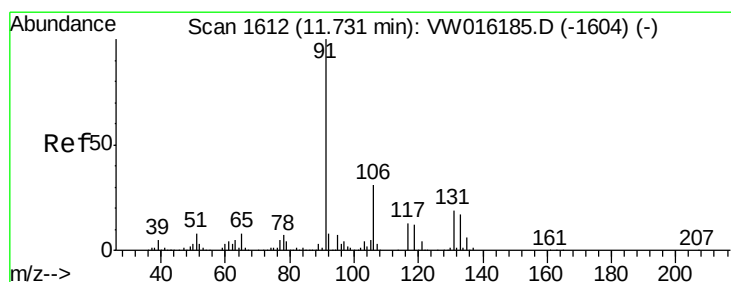
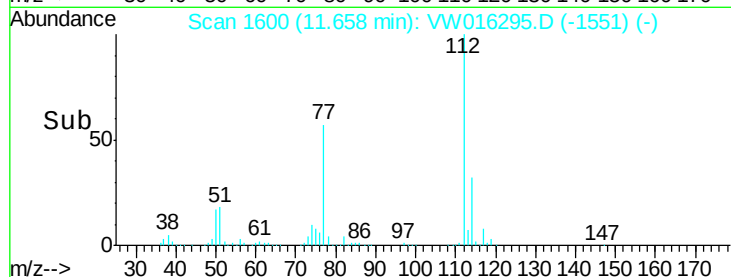
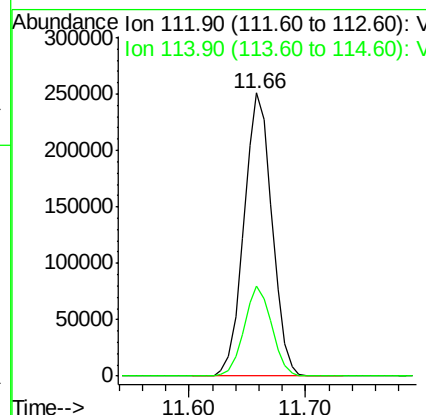
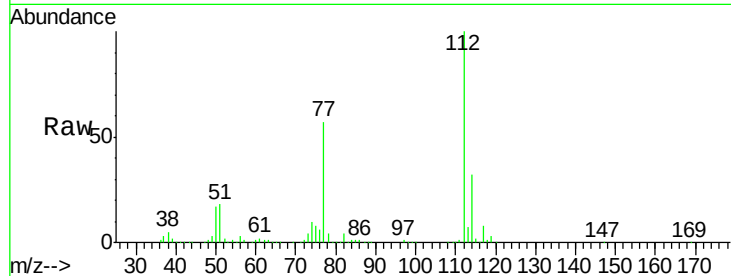
#65
Chlorobenzene
Concen: 52.576 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 420506
Ion Ratio Lower Upper
112 100
114 31.8 26.6 39.8

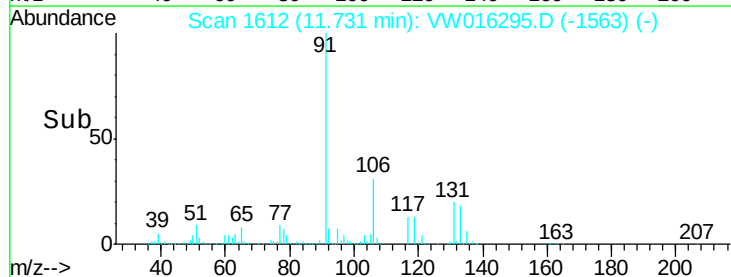
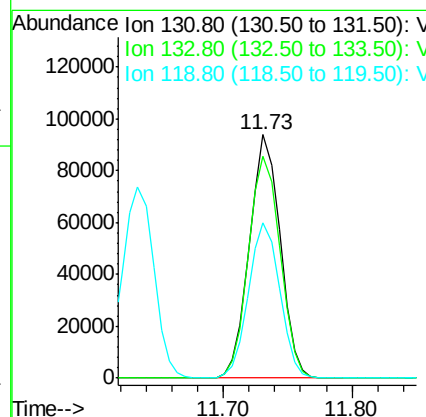
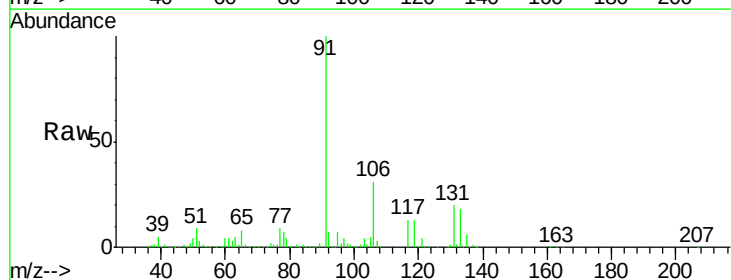
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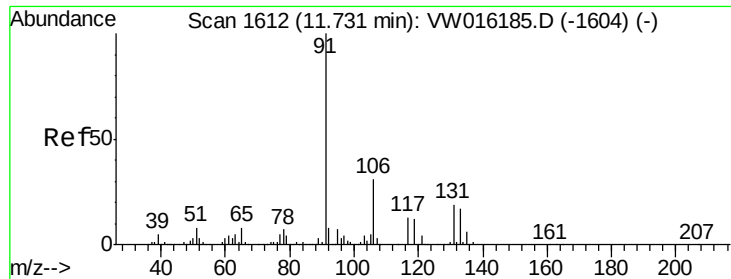
MMDadoda
8/21/2020 11:26:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.297 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion:131 Resp: 154591
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 64.9 33.1 99.3





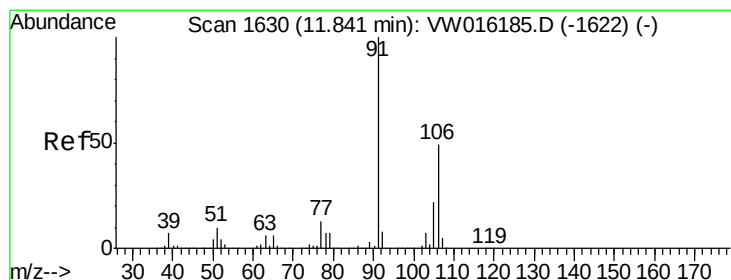
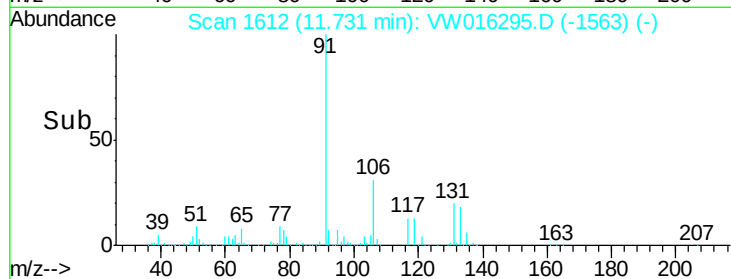
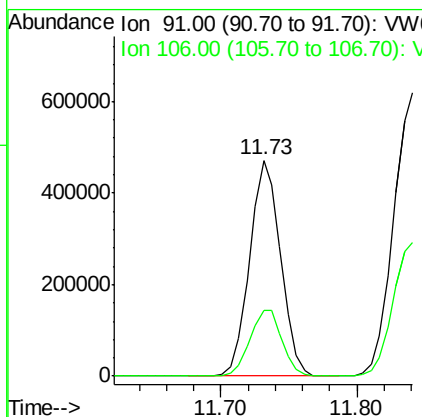
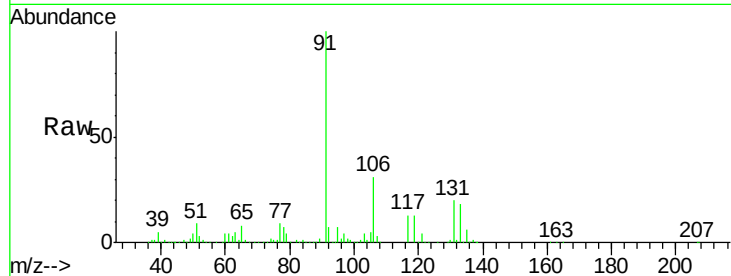
#67
Ethyl Benzene
Concen: 52.374 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.9	37.3

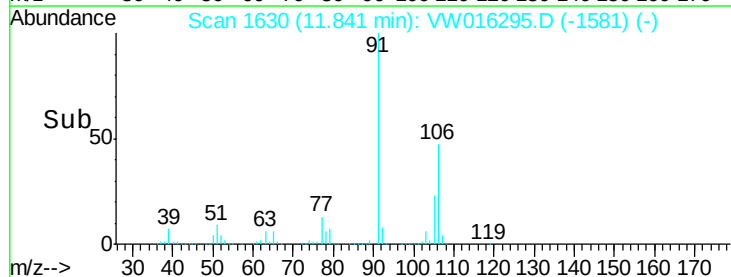
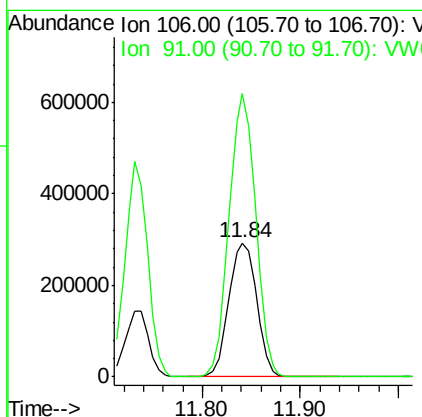
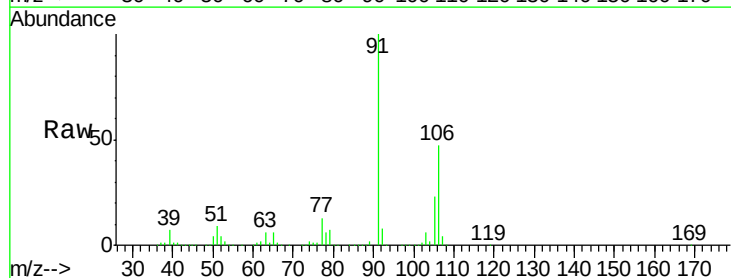
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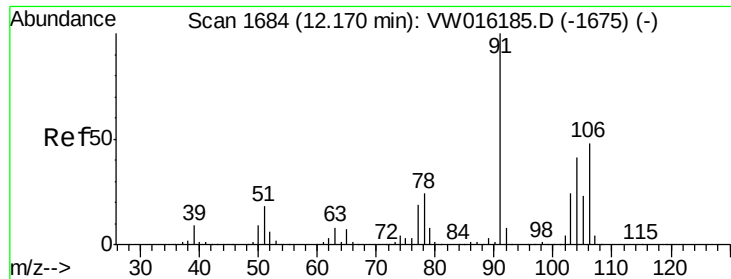
MMDadoda
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#68
m/p-Xylenes
Concen: 104.454 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.3	161.4	242.2





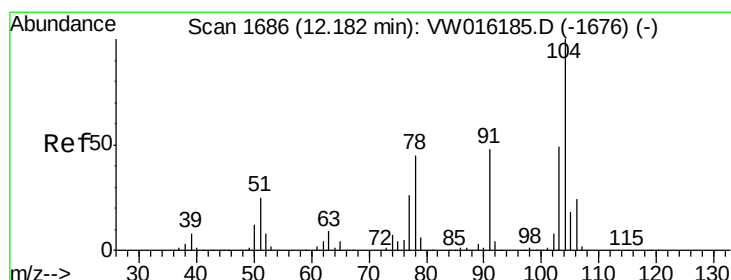
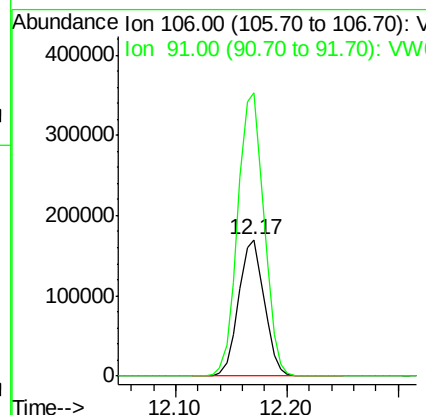
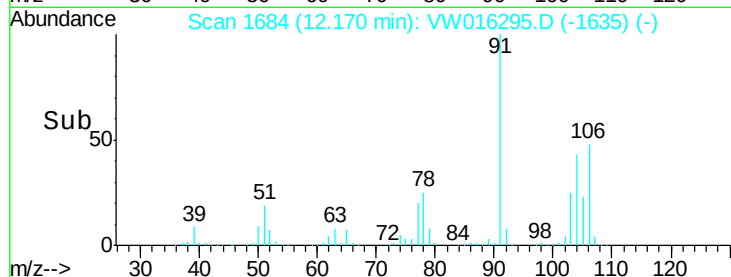
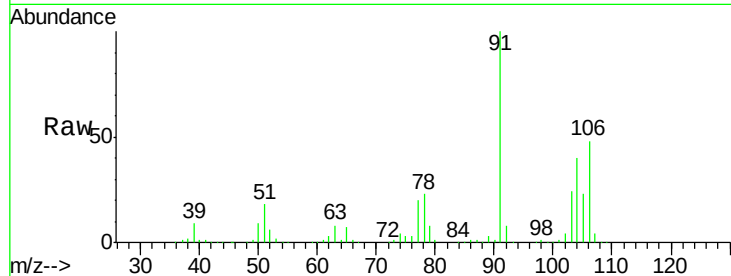
#69
o-Xylene
Concen: 54.974 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.9	106.0	317.9

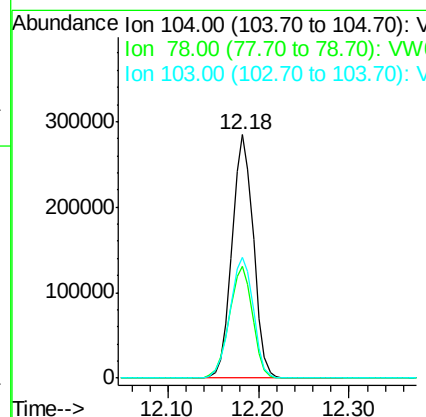
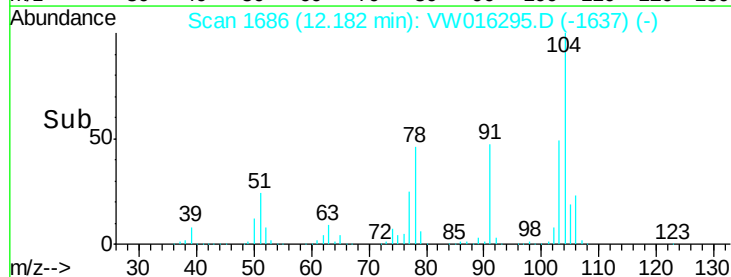
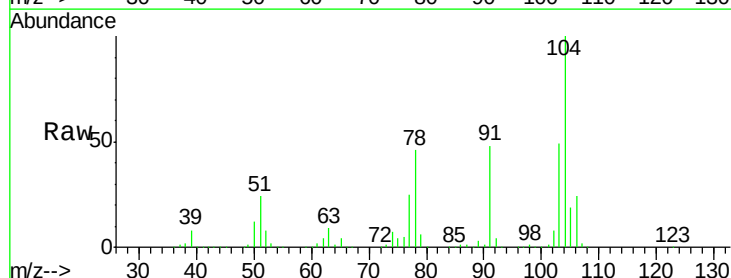
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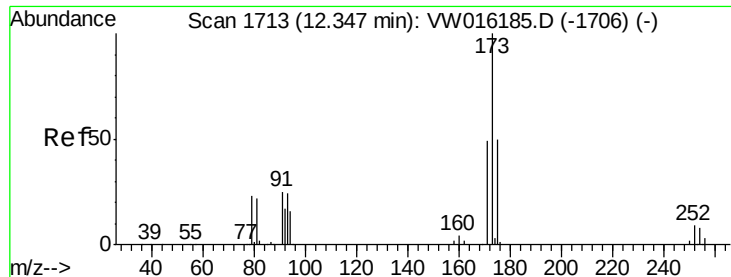
MMDadoda
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#70
Styrene
Concen: 54.490 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.1	39.4	59.2
103	54.2	42.9	64.3





#71

Bromoform

Concen: 59.530 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 74482

Ion Ratio Lower Upper

173 100

175 49.3 24.7 74.1

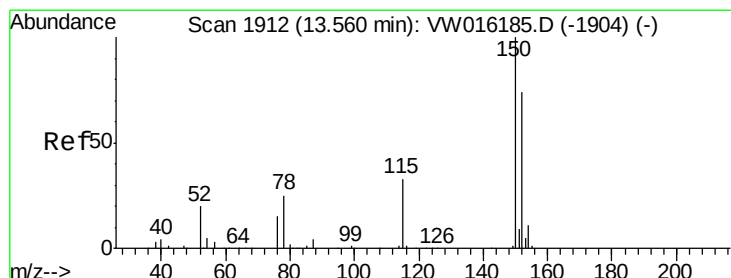
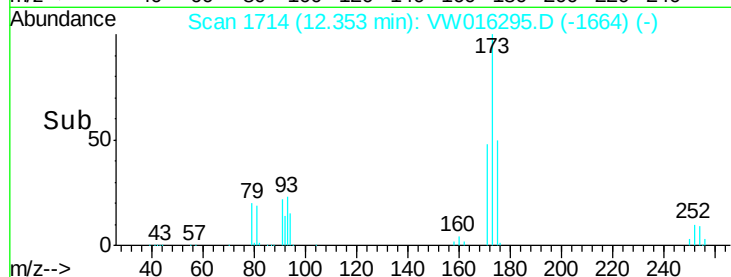
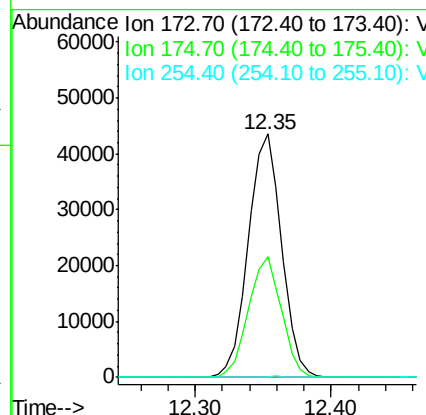
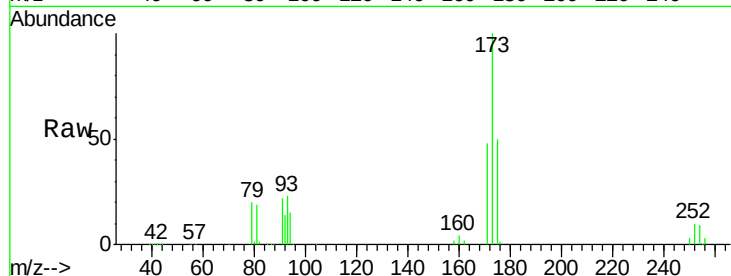
254 0.2 0.0 0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

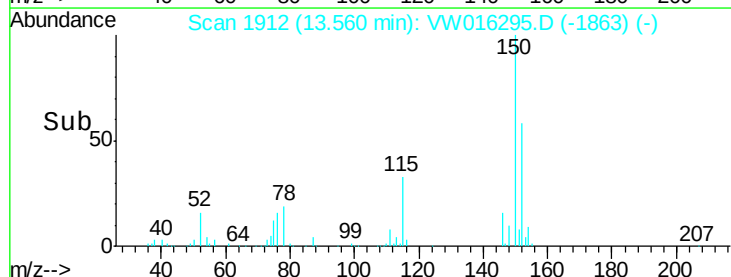
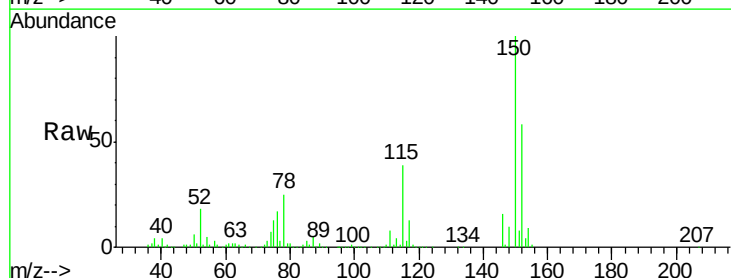
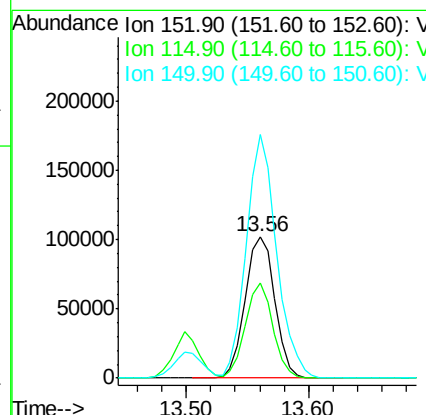
Tgt Ion:152 Resp: 171561

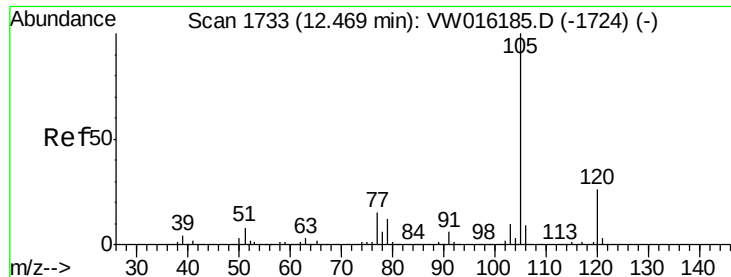
Ion Ratio Lower Upper

152 100

115 62.2 30.9 92.5

150 176.4 0.0 337.8





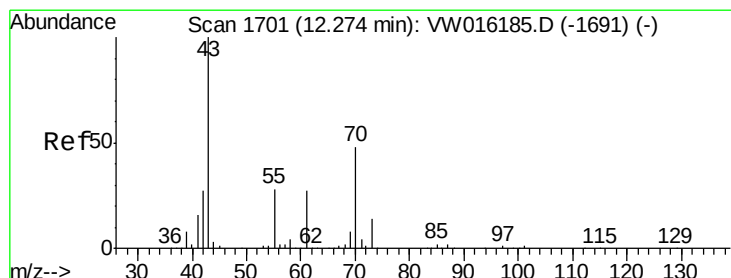
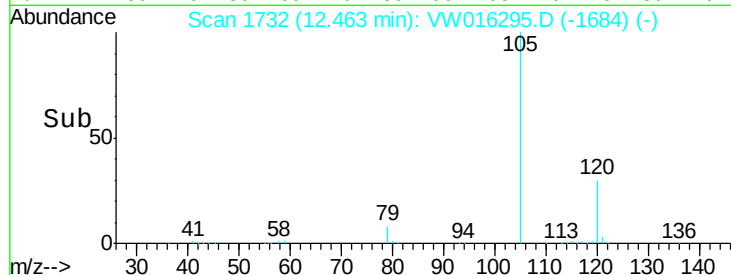
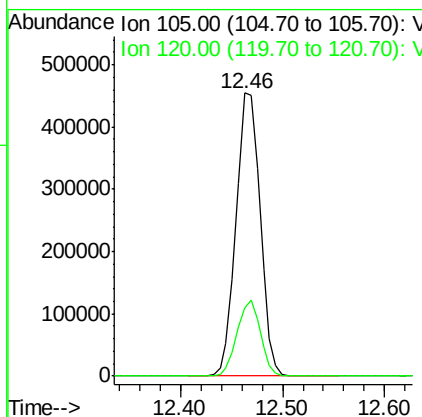
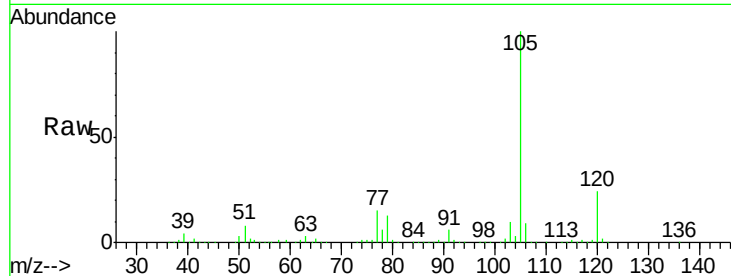
#73
Isopropylbenzene
Concen: 56.660 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.2	39.6

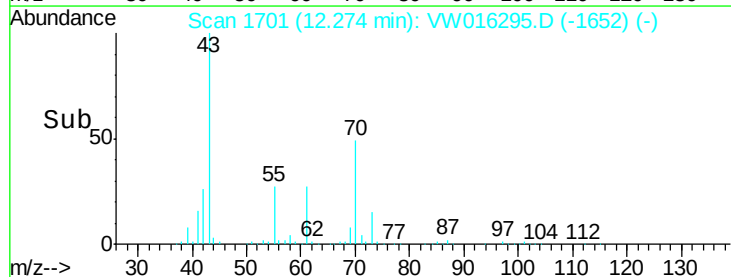
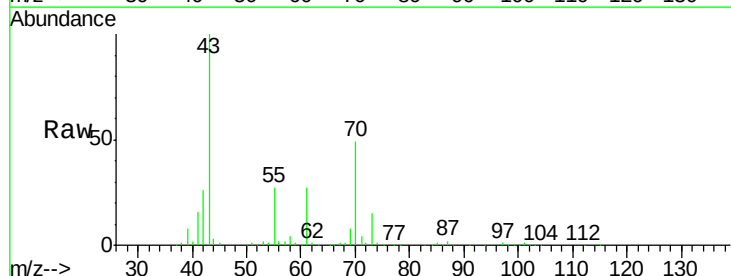
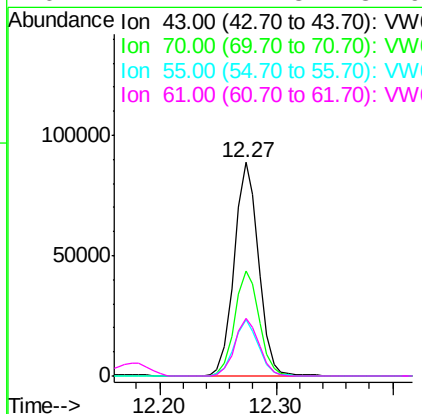
Manual Integrations
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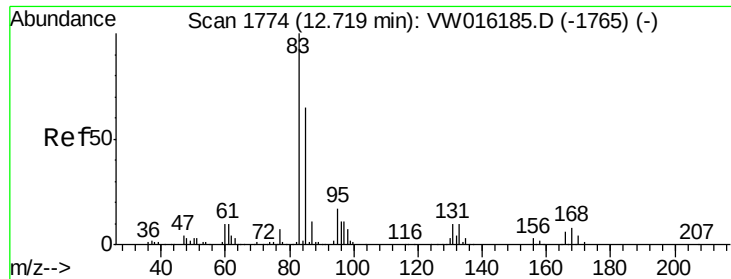
MMDadoda
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#74
N-ethyl acetate
Concen: 55.299 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.7	38.6	58.0
55	26.5	22.2	33.2
61	27.1	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 56.535 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

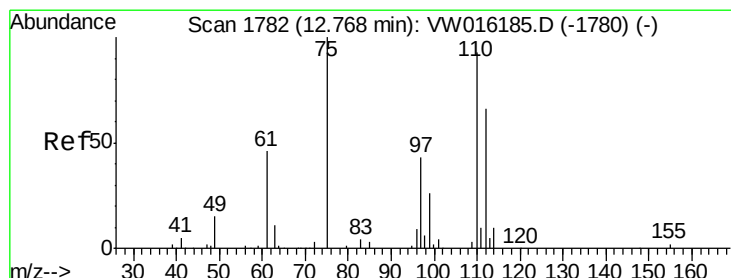
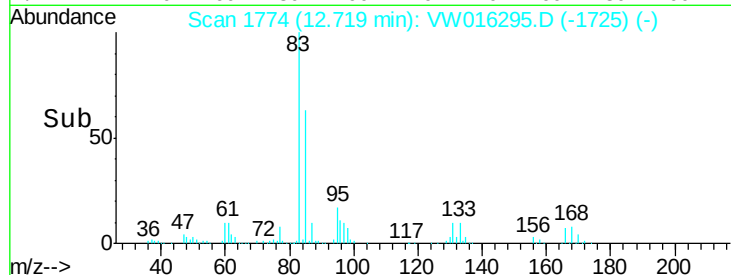
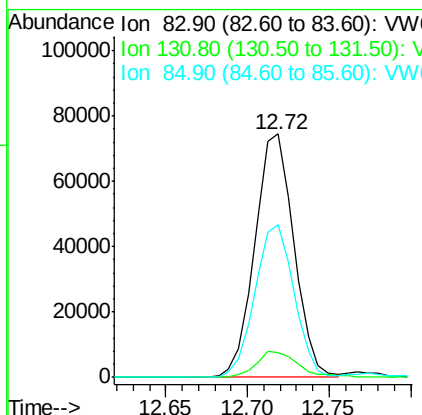
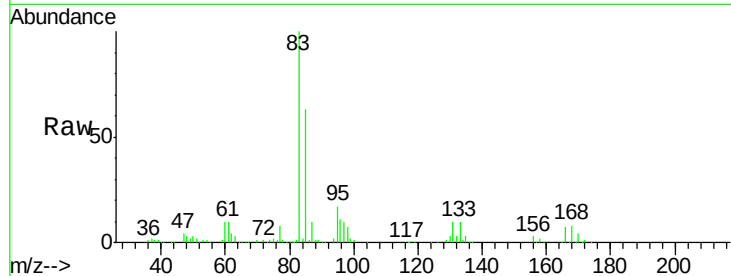
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	123675
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	62.8	31.3	93.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.628 ug/l m

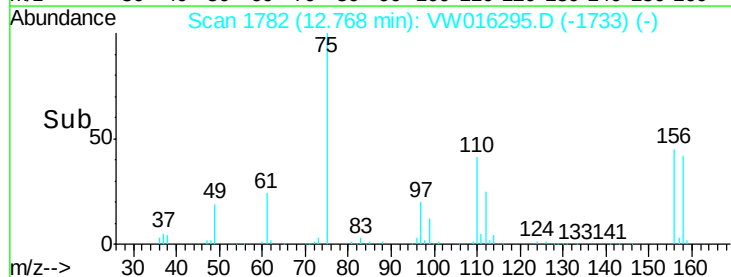
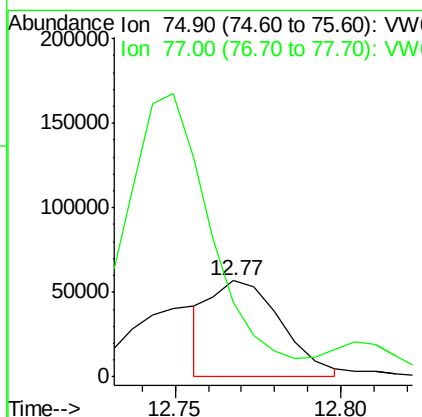
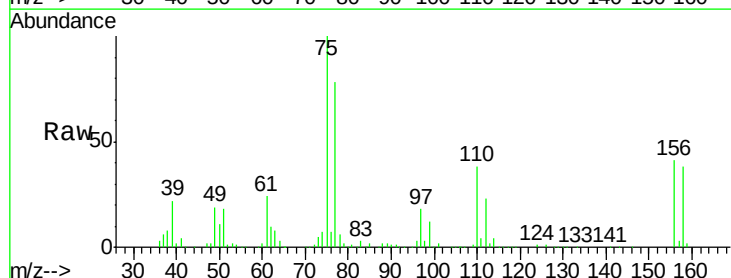
RT: 12.77 min Scan# 1782

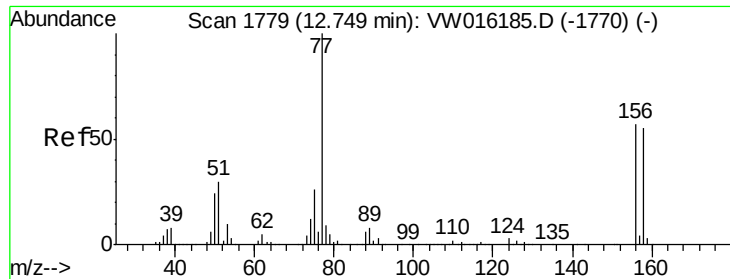
Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Tgt Ion:	75	Resp:	84615
Ion Ratio	Lower	Upper	
75	100		
77	359.4	173.6	520.6





#77

Bromobenzene

Concen: 56.769 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

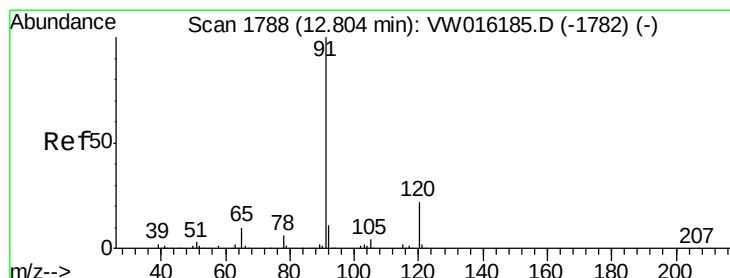
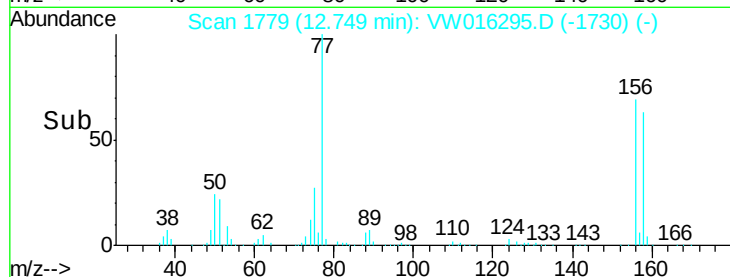
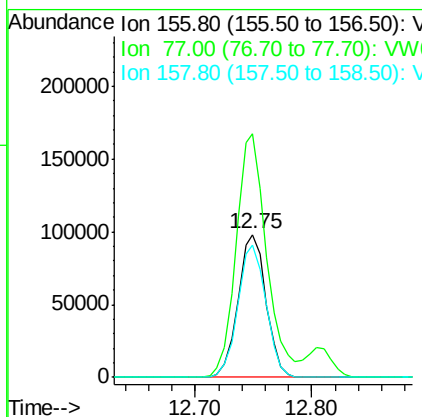
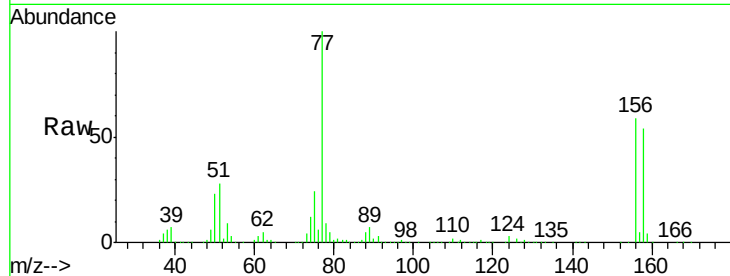
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	164156
Ion Ratio	Lower	Upper	
156	100		
77	185.3	97.9	293.6
158	93.4	49.0	147.2

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#78

n-propylbenzene

Concen: 53.883 ug/l

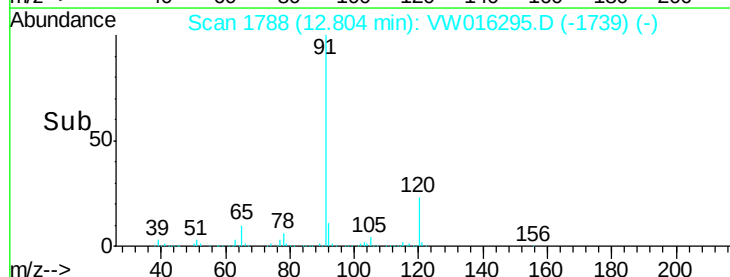
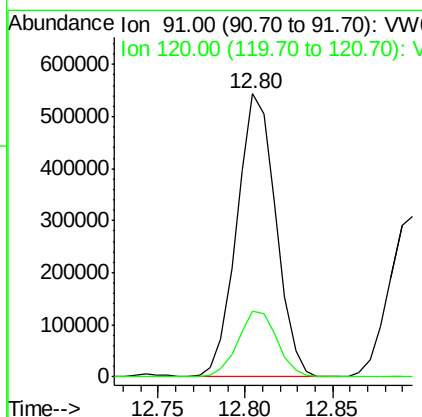
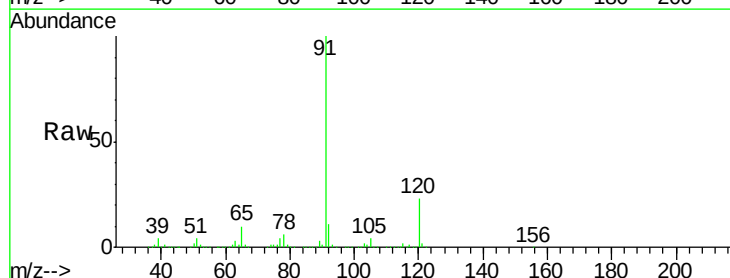
RT: 12.80 min Scan# 1788

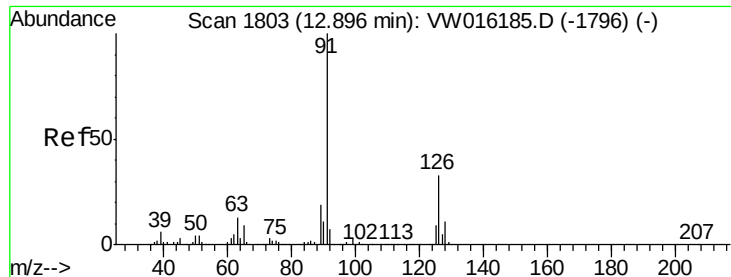
Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Tgt Ion:	91	Resp:	840845
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.7





#79

2-Chlorotoluene

Concen: 55.795 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 502956

Ion Ratio Lower Upper

91 100

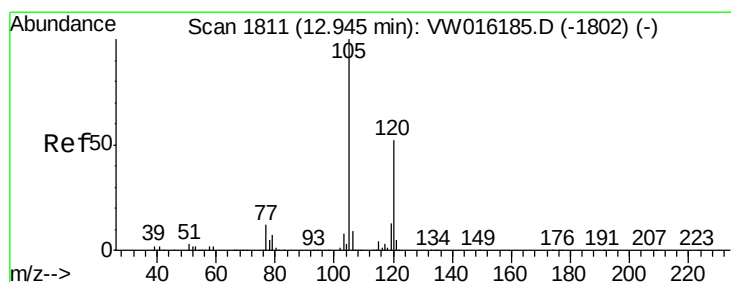
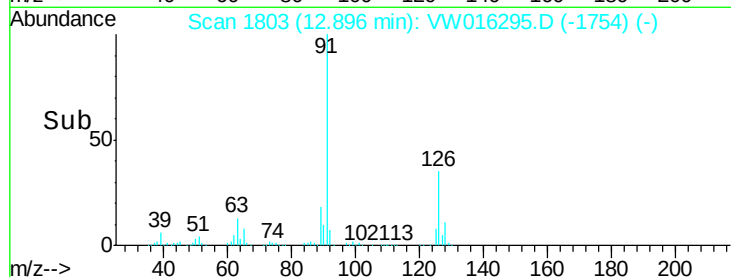
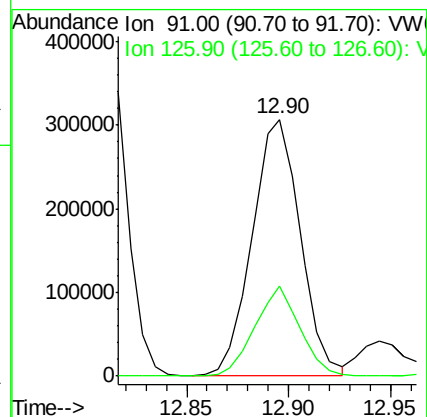
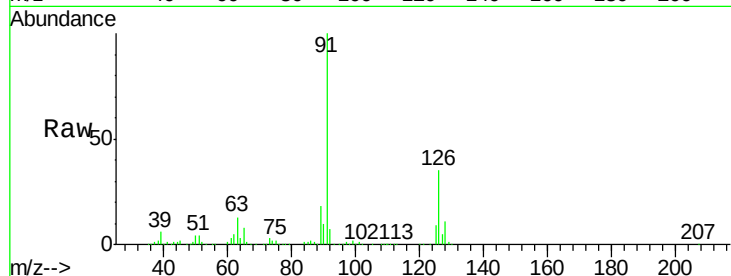
126 32.6 16.4 49.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 55.472 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW016295.D

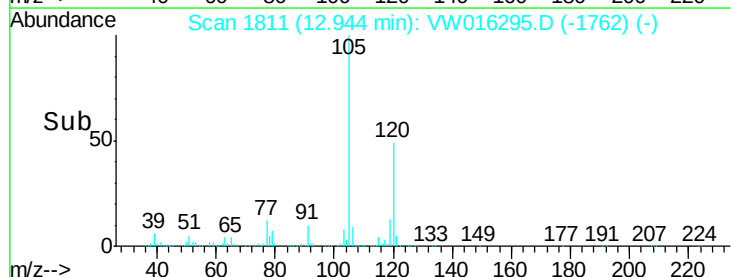
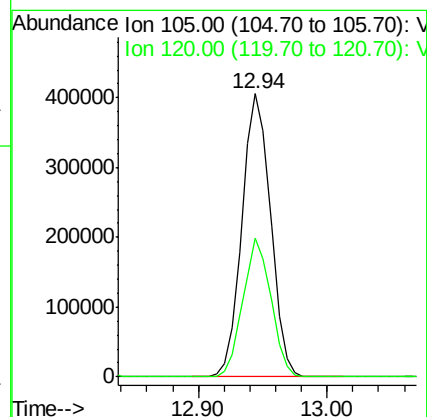
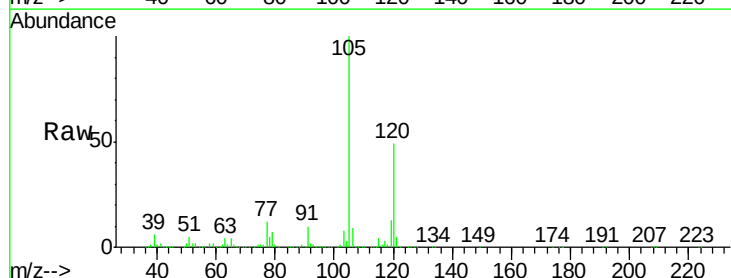
Acq: 21 Aug 2020 06:15

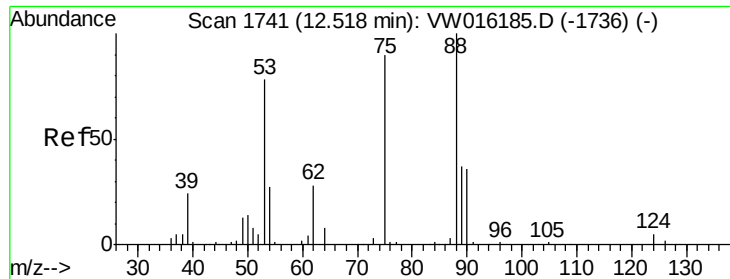
Tgt Ion:105 Resp: 622546

Ion Ratio Lower Upper

105 100

120 48.1 25.1 75.2





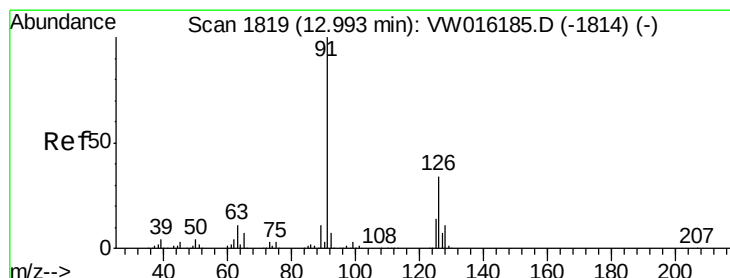
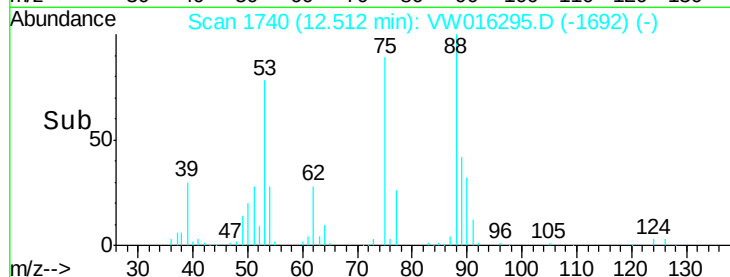
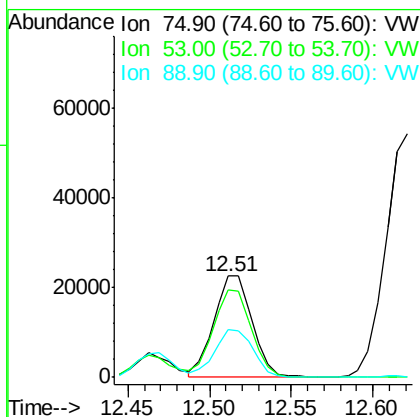
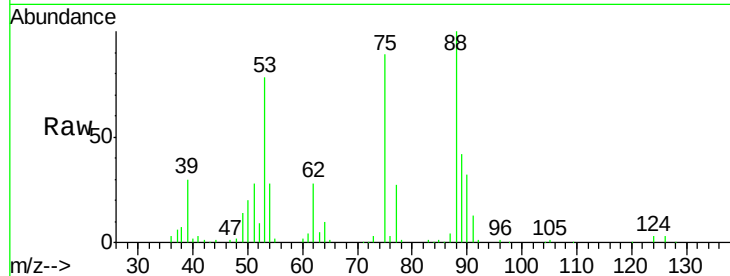
#81
trans-1,4-Dichloro-2-butene
Concen: 55.565 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.4	74.6	111.8
89	47.9	37.2	55.8

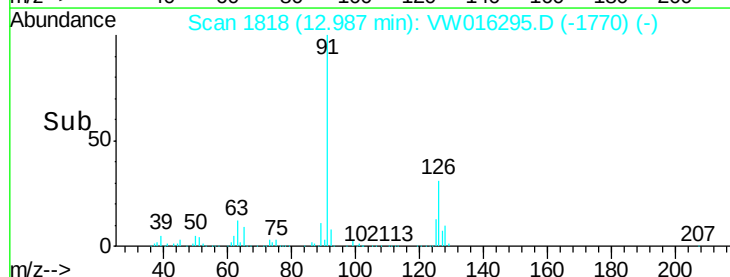
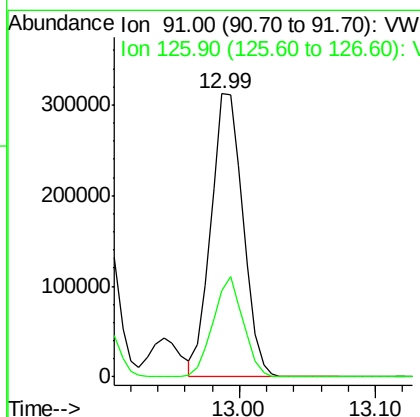
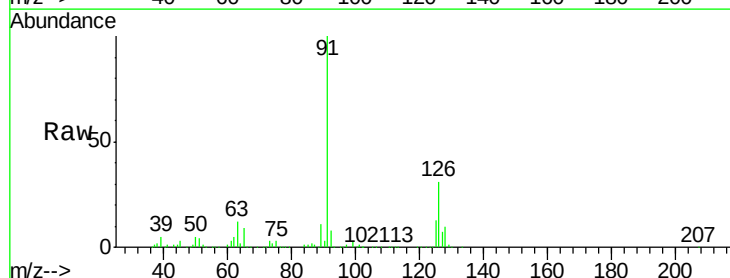
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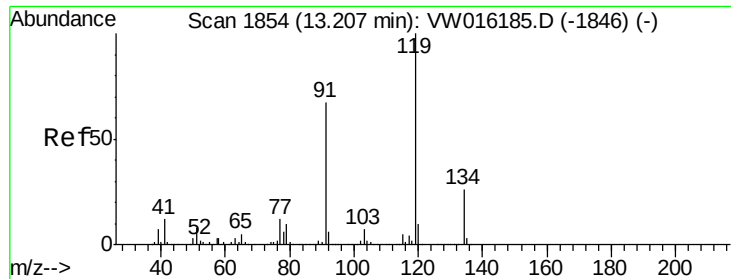
MMDadoda
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#82
4-Chlorotoluene
Concen: 54.219 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.6	49.8





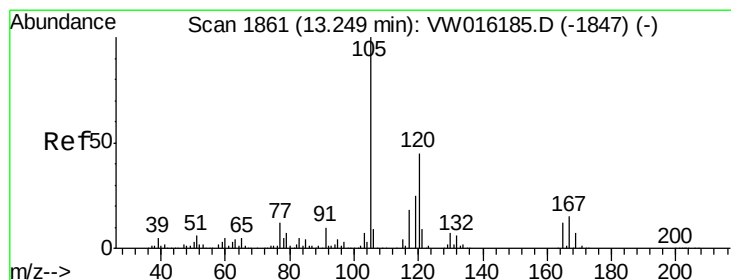
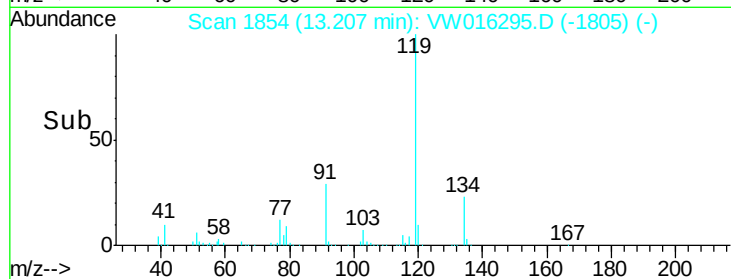
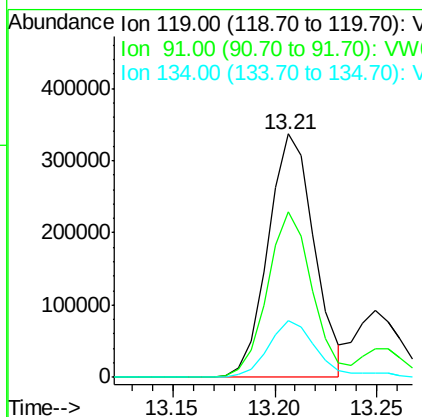
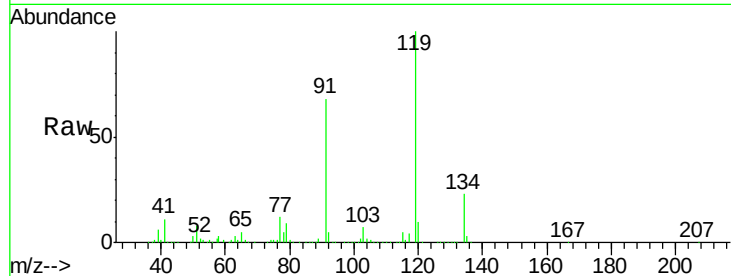
#83
 tert-Butylbenzene
 Concen: 57.768 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	531325		
91	66.7		33.3	99.9
134	25.1		13.5	40.5

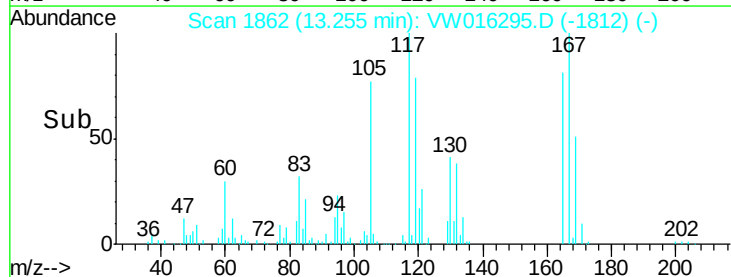
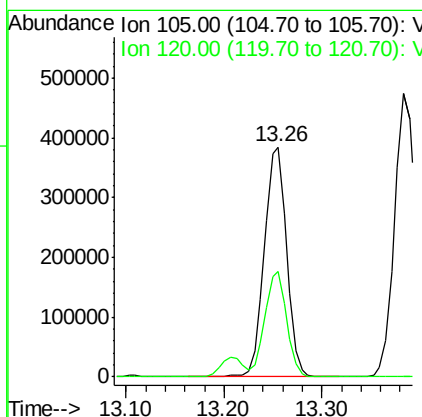
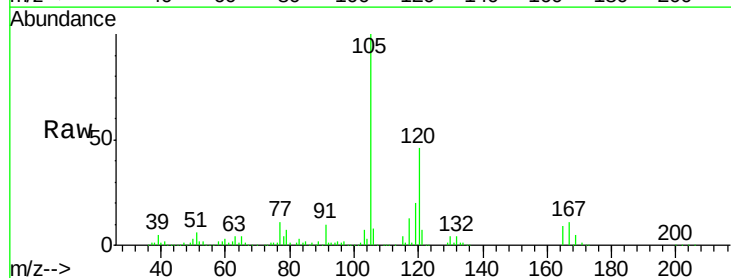
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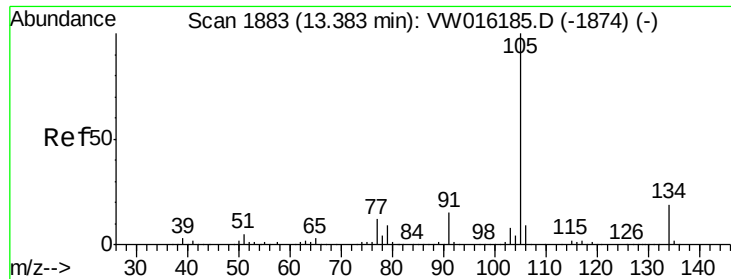
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.652 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	618036		
120	44.5		22.2	66.6





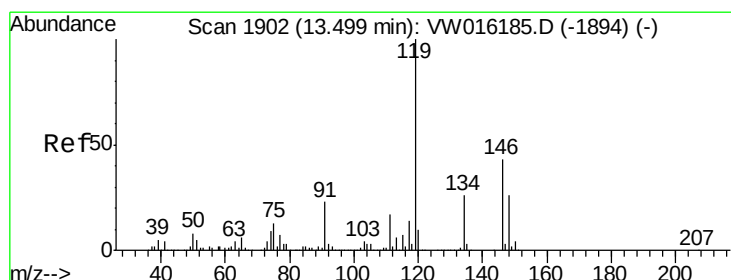
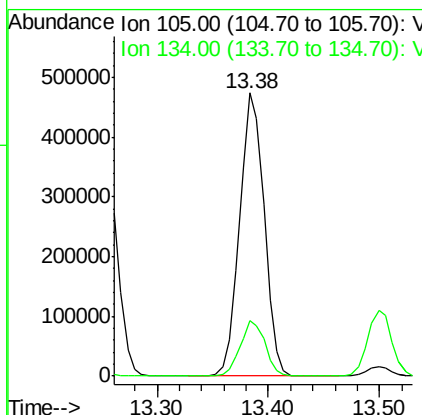
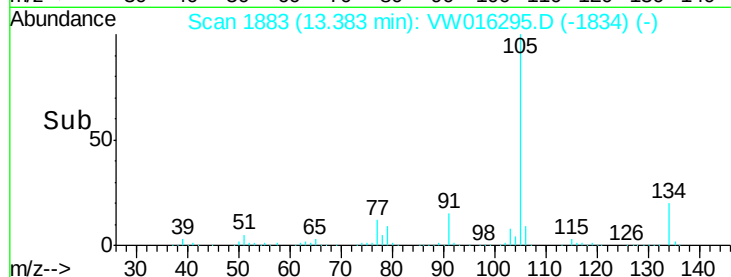
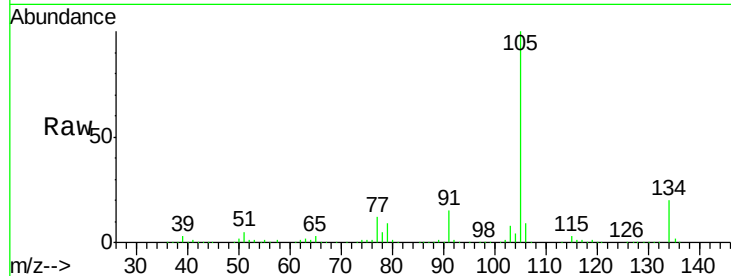
#85
 sec-Butylbenzene
 Concen: 54.296 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

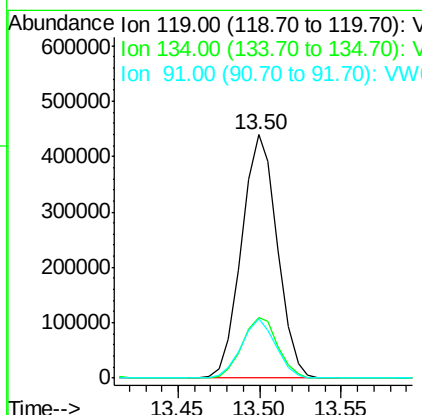
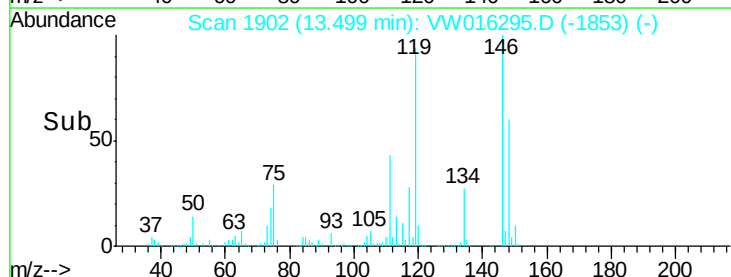
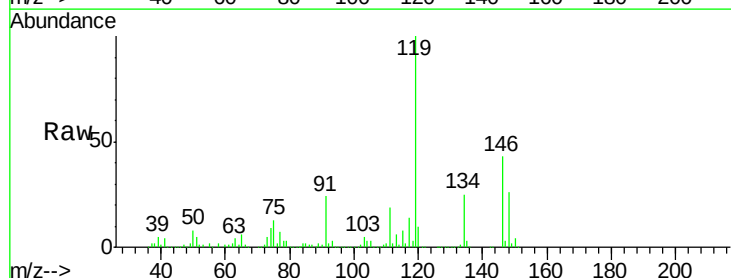
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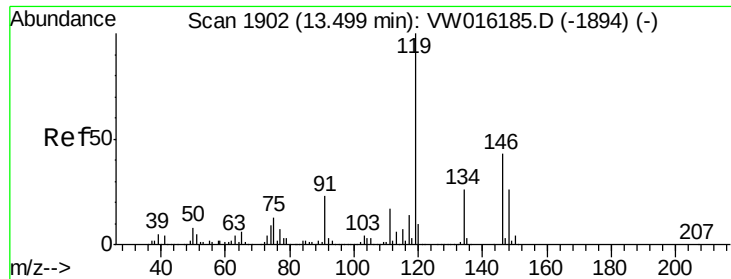
MMDadoda
 8/21/2020 11:26:00 AM



#86
 p-Isopropyltoluene
 Concen: 55.225 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.8	38.4
91	23.5	11.8	35.3





#87

1,3-Dichlorobenzene

Concen: 53.407 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

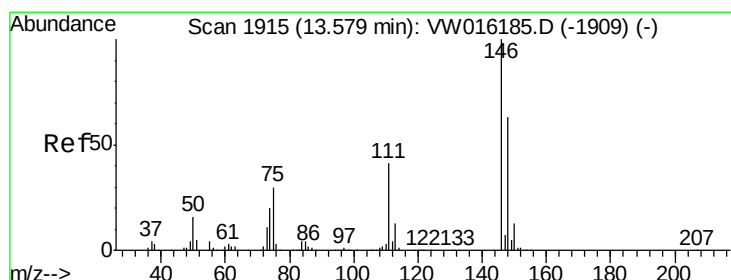
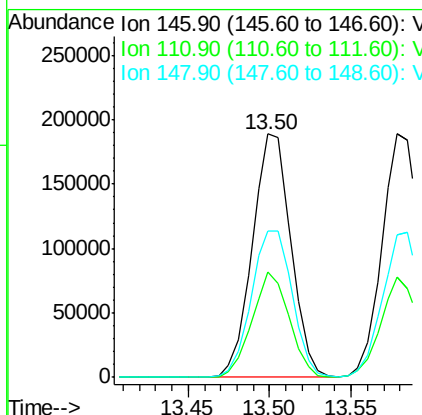
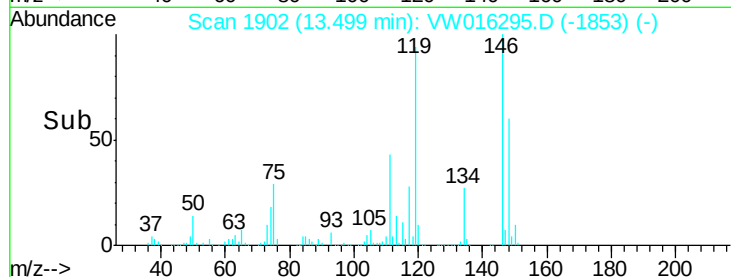
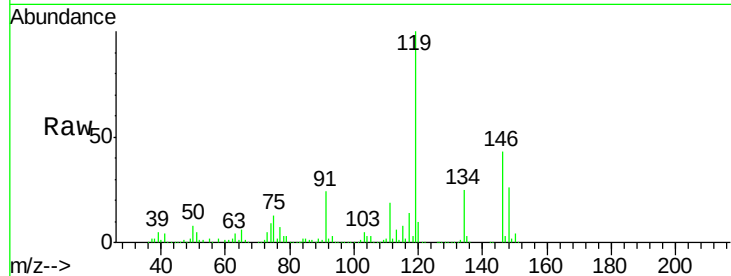
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.5
148	63.6	31.1	93.5

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#88

1,4-Dichlorobenzene

Concen: 54.059 ug/l

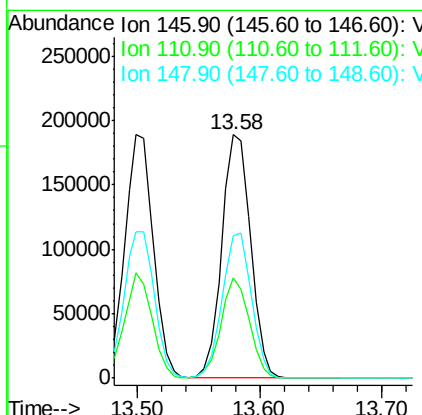
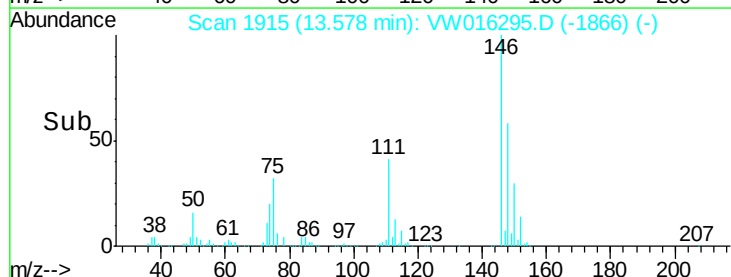
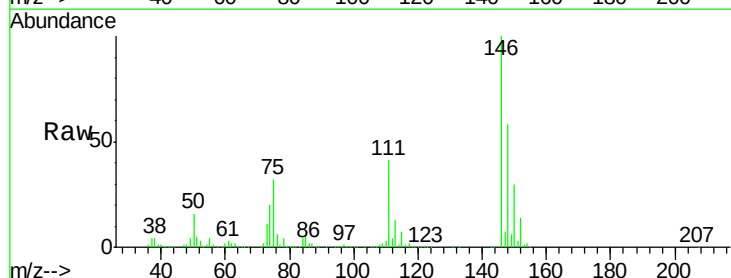
RT: 13.58 min Scan# 1915

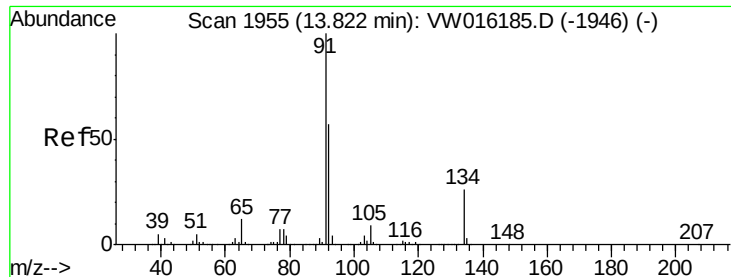
Delta R.T. -0.00 min

Lab File: VW016295.D

Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.8	62.2
148	60.3	32.1	96.3





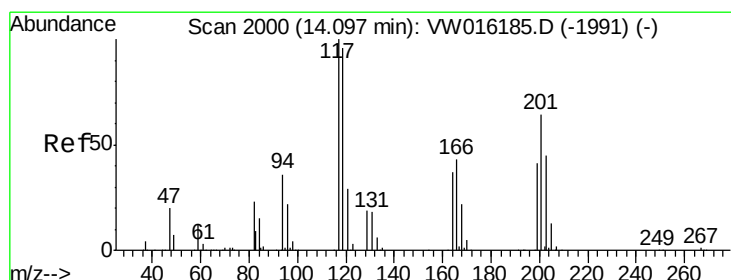
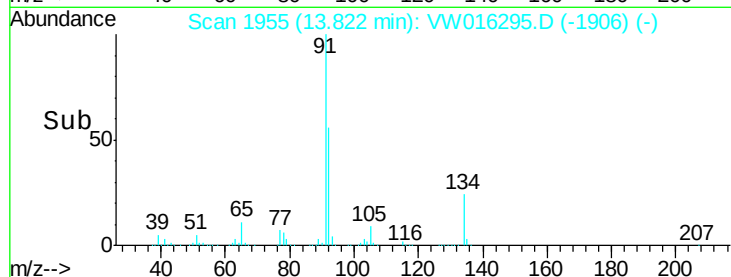
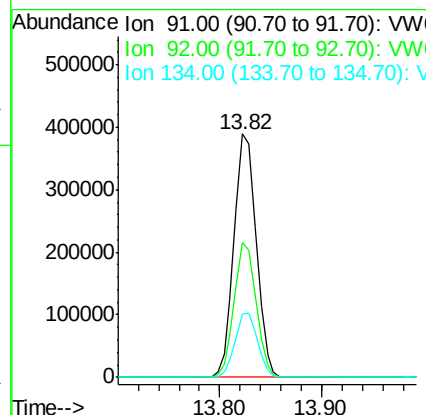
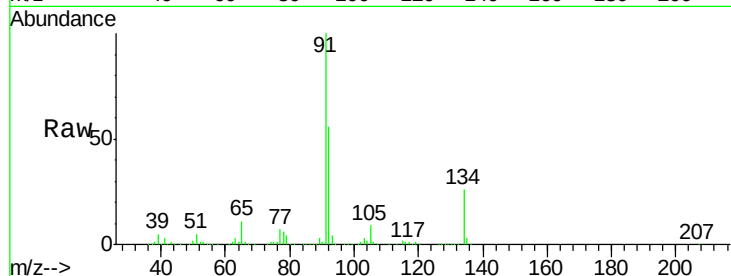
#89
n-Butylbenzene
Concen: 52.487 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.2
134	26.5	13.0	39.0

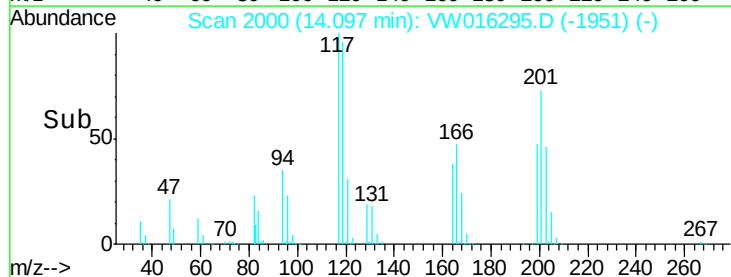
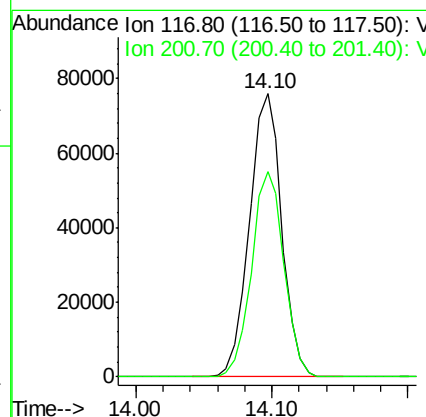
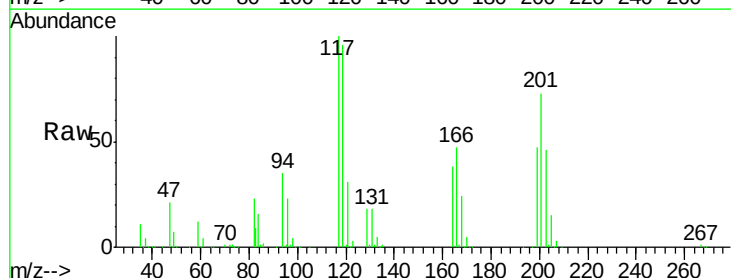
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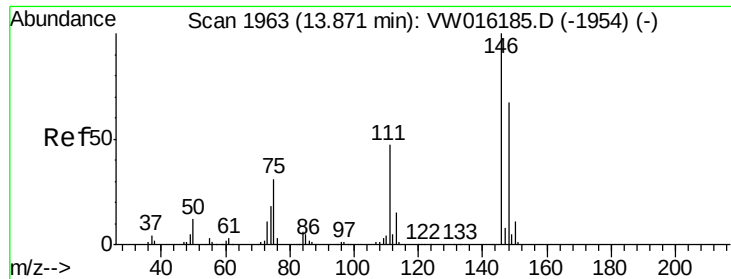
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#90
Hexachloroethane
Concen: 55.881 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.7	33.8	101.3





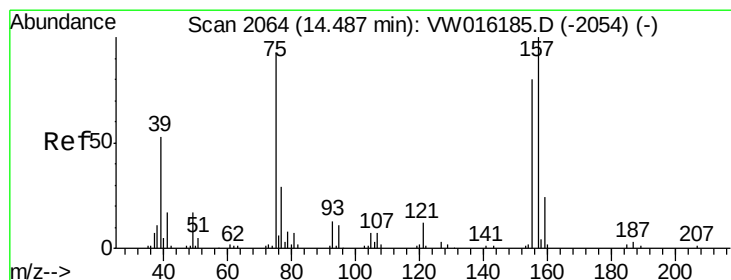
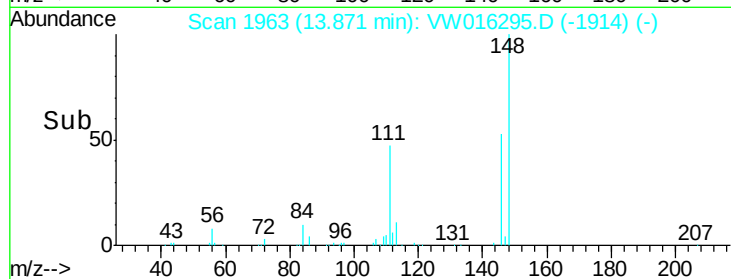
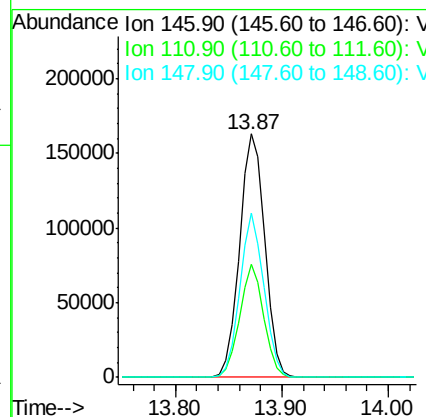
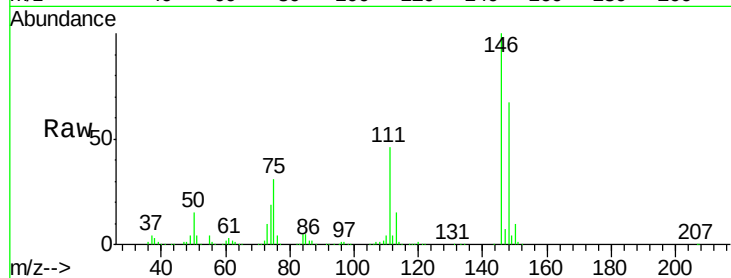
#91
 1,2-Dichlorobenzene
 Concen: 53.637 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.9	65.8
148	64.2	32.1	96.3

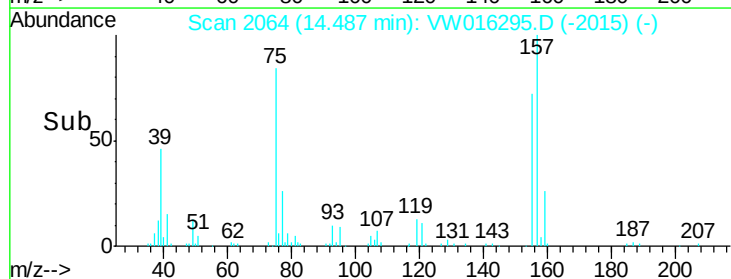
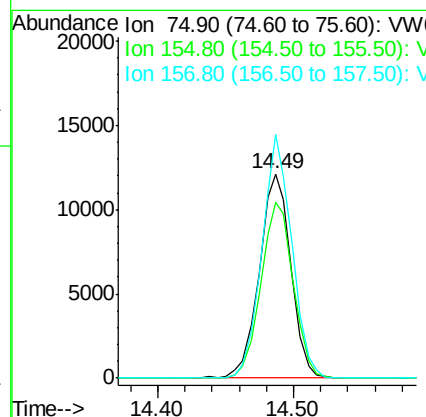
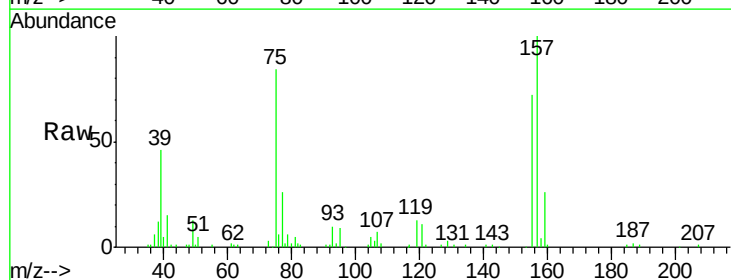
Manual Integrations
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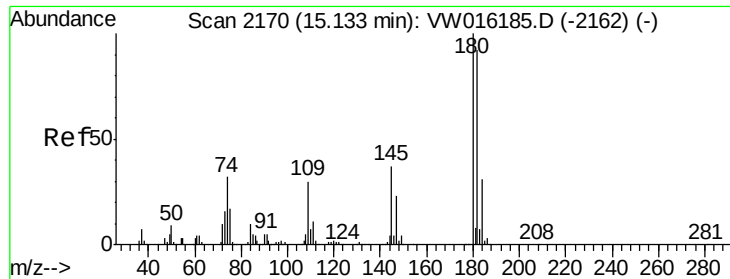
MMDadoda
 8/21/2020 11:26:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.389 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	41.3	124.1
157	112.9	53.0	159.0





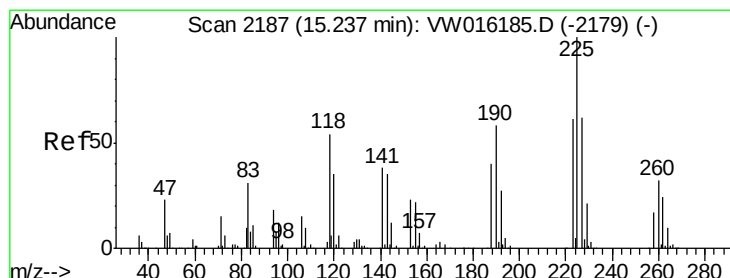
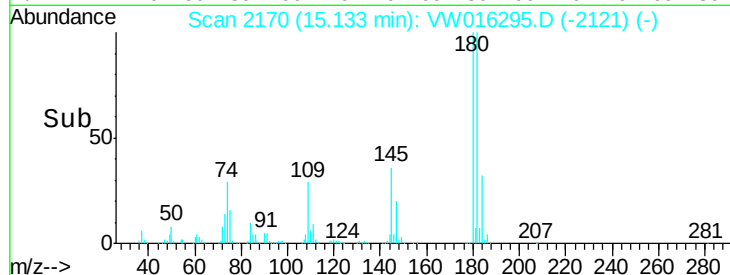
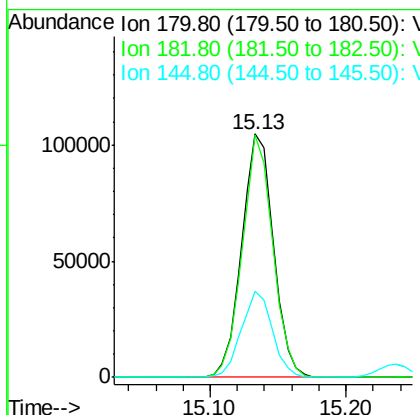
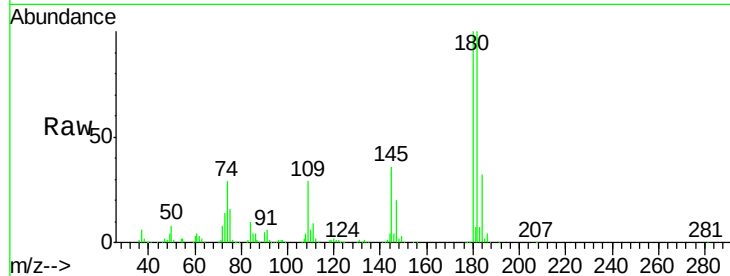
#93
 1,2,4-Trichlorobenzene
 Concen: 56.742 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	170837		
182	95.5	46.0	138.0	
145	34.7	16.9	50.7	

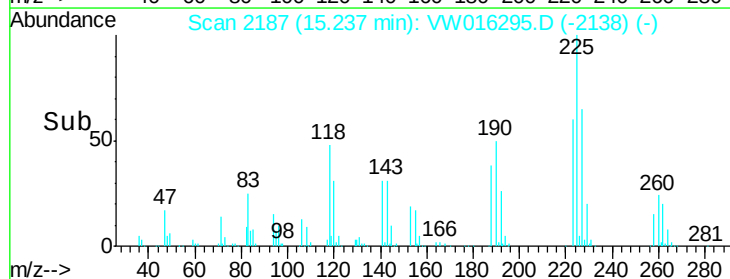
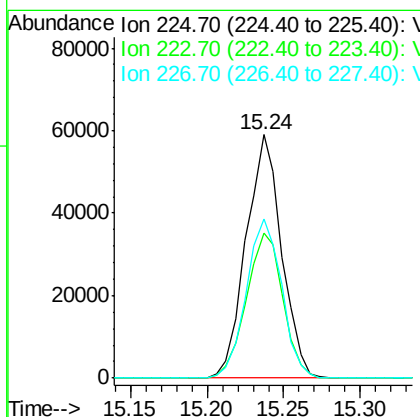
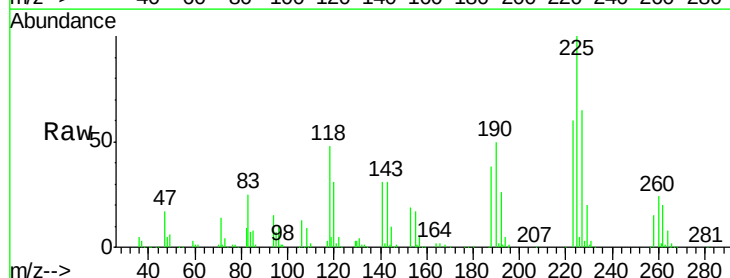
Manual Integrations
 APPROVED

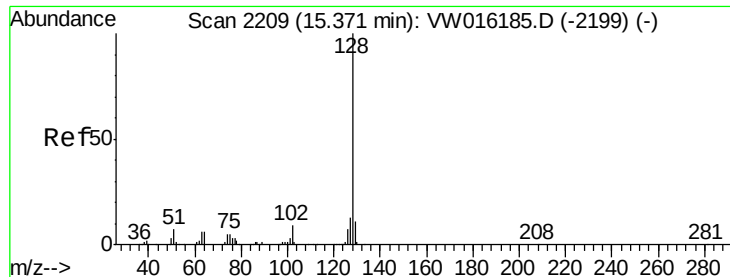
MMDadoda
 8/21/2020 11:26:00 AM



#94
 Hexachlorobutadiene
 Concen: 53.135 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW016295.D
 Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95111		
223	61.4	33.0	99.0	
227	65.4	32.0	96.2	





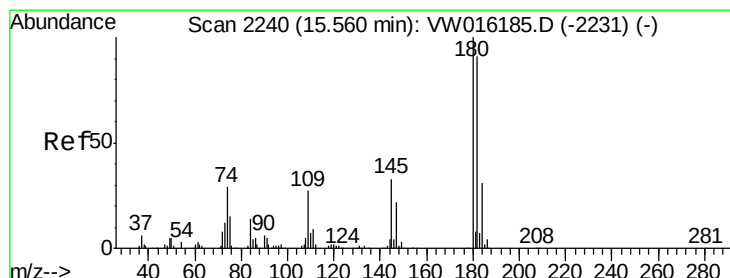
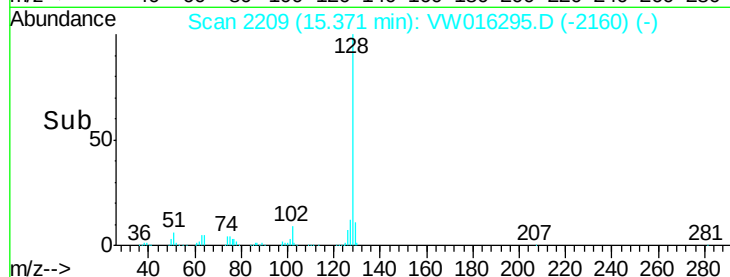
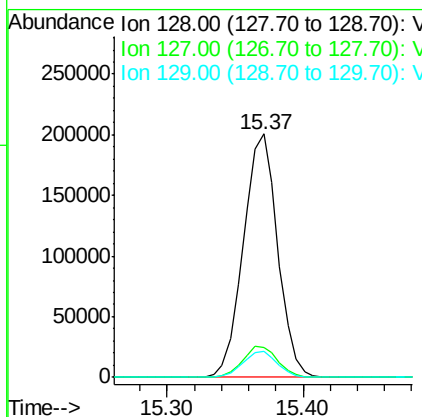
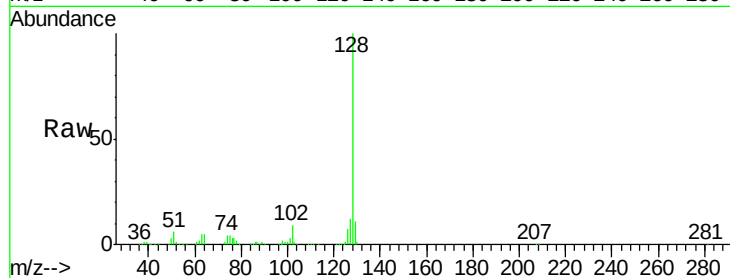
#95
Naphthalene
Concen: 55.548 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/21/2020 11:26:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 60.973 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW016295.D
Acq: 21 Aug 2020 06:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.7	143.1
145	33.5	17.4	52.3

