

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090120\
 Data File : VW016437.D
 Acq On : 01 Sep 2020 17:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/2/2020 2:22:32 PM

Quant Time: Sep 02 09:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	148444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	231452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	210353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105077	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79138	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	7.89	113	76109	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.33	98	288743	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.62	95	110079	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	49043	58.621	ug/l 96
3) Chloromethane	2.22	50	52243	64.911	ug/l 97
4) Vinyl Chloride	2.37	62	74883	63.835	ug/l 98
5) Bromomethane	2.78	94	61879	74.702	ug/l 92
6) Chloroethane	2.93	64	54047	77.402	ug/l 94
7) Trichlorofluoromethane	3.26	101	107000	75.442	ug/l 100
8) Diethyl Ether	3.68	74	34243	47.965	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	71690	51.784	ug/l 98
10) Methyl Iodide	4.28	142	108041	51.068	ug/l 99
11) Tert butyl alcohol	5.16	59	22568	251.369	ug/l 99
12) 1,1-Dichloroethene	4.04	96	69308	49.060	ug/l 97
13) Acrolein	3.90	56	11628	169.859	ug/l 98
14) Allyl chloride	4.67	41	80861	45.792	ug/l 93
15) Acrylonitrile	5.37	53	68925	259.308	ug/l 99
16) Acetone	4.12	43	61592	244.085	ug/l 99
17) Carbon Disulfide	4.39	76	186828	47.104	ug/l 98
18) Methyl Acetate	4.67	43	28885	50.200	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	103202	47.814	ug/l 97
20) Methylene Chloride	4.92	84	81450	51.376	ug/l 98
21) trans-1,2-Dichloroethene	5.43	96	77081	48.681	ug/l 98
22) Diisopropyl ether	6.31	45	168235	48.130	ug/l 99
23) Vinyl Acetate	6.26	43	534868	249.688	ug/l 99
24) 1,1-Dichloroethane	6.21	63	123688	49.080	ug/l 99
25) 2-Butanone	7.17	43	83179	242.953	ug/l 99
26) 2,2-Dichloropropane	7.17	77	82769	42.524	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	84682	49.363	ug/l 98
28) Bromochloromethane	7.51	49	46550	50.852	ug/l 97
29) Tetrahydrofuran	7.53	42	51958	254.224	ug/l 97
30) Chloroform	7.68	83	141224	50.447	ug/l 98
31) Cyclohexane	7.96	56	104480	45.235	ug/l 98
32) 1,1,1-Trichloroethane	7.88	97	126687	50.249	ug/l 100
36) 1,1-Dichloropropene	8.08	75	110019	49.948	ug/l 99
37) Ethyl Acetate	7.25	43	38888	52.115	ug/l 99
38) Carbon Tetrachloride	8.07	117	125456	51.979	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	135860	50.940	ug/l	99
40) Benzene	8.32	78	292276	49.563	ug/l	99
41) Methacrylonitrile	7.48	41	20802	48.417	ug/l	96
42) 1,2-Dichloroethane	8.40	62	92845	51.616	ug/l	99
43) Isopropyl Acetate	8.42	43	72523	48.702	ug/l	99
44) Trichloroethene	9.10	130	87254	49.450	ug/l	99
45) 1,2-Dichloropropane	9.37	63	65700	48.025	ug/l	98
46) Dibromomethane	9.46	93	41171	50.653	ug/l	98
47) Bromodichloromethane	9.65	83	106696	50.897	ug/l	99
48) Methyl methacrylate	9.44	41	35171	49.539	ug/l	97
49) 1,4-Dioxane	9.45	88	12770	1153.396	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	186642	253.480	ug/l	99
52) Toluene	10.39	92	201544	50.975	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	105758	51.876	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	120999	50.937	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	57322	49.463	ug/l	96
56) Ethyl methacrylate	10.65	69	70166	51.812	ug/l	98
57) 1,3-Dichloropropane	10.93	76	95859	49.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	157838	259.569	ug/l	99
59) 2-Hexanone	10.97	43	129981	258.748	ug/l	99
60) Dibromochloromethane	11.13	129	77858	53.133	ug/l	99
61) 1,2-Dibromoethane	11.24	107	59273	52.153	ug/l	100
64) Tetrachloroethene	10.87	164	73884	51.134	ug/l	97
65) Chlorobenzene	11.66	112	214922	49.610	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	84181	52.478	ug/l	98
67) Ethyl Benzene	11.73	91	397208	51.357	ug/l	99
68) m/p-Xylenes	11.84	106	306960	103.953	ug/l	97
69) o-Xylene	12.17	106	138798	51.114	ug/l	98
70) Styrene	12.18	104	241349	52.151	ug/l	98
71) Bromoform	12.35	173	43563	53.370	ug/l #	97
73) Isopropylbenzene	12.47	105	406521	52.468	ug/l	100
74) N-amyl acetate	12.27	43	68771	50.720	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	63853	50.062	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	45755m	49.244	ug/l	
77) Bromobenzene	12.75	156	90169	50.061	ug/l	98
78) n-propylbenzene	12.80	91	465766	51.208	ug/l	99
79) 2-Chlorotoluene	12.90	91	271404	50.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	356285	52.429	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	20945	50.048	ug/l	96
82) 4-Chlorotoluene	12.99	91	283029	50.539	ug/l	98
83) tert-Butylbenzene	13.21	119	300137	52.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	360467	53.182	ug/l	97
85) sec-Butylbenzene	13.38	105	420985	53.254	ug/l	100
86) p-Isopropyltoluene	13.50	119	397823	53.907	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	182899	52.901	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	176096	50.624	ug/l	100
89) n-Butylbenzene	13.82	91	355849	52.520	ug/l	99
90) Hexachloroethane	14.10	117	73741	53.218	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	154837	49.996	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12553	54.144	ug/l	95

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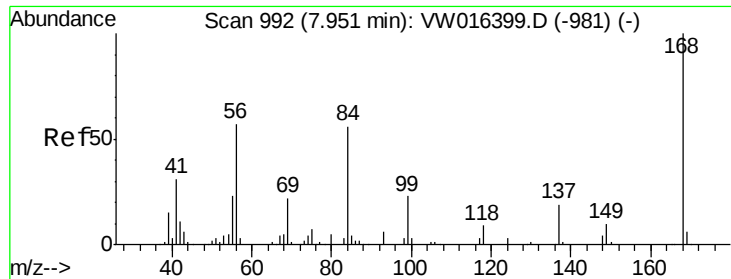
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	112788	54.860	ug/l	96
94) Hexachlorobutadiene	15.24	225	67537	55.024	ug/l	99
95) Naphthalene	15.36	128	213548	56.130	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	97374	54.055	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 148444

Ion Ratio Lower Upper

168 100

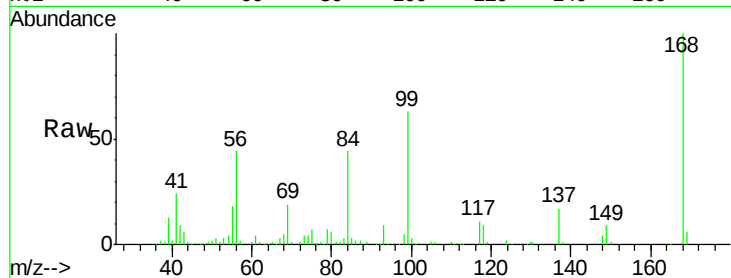
99 63.2 49.0 73.4

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

60000

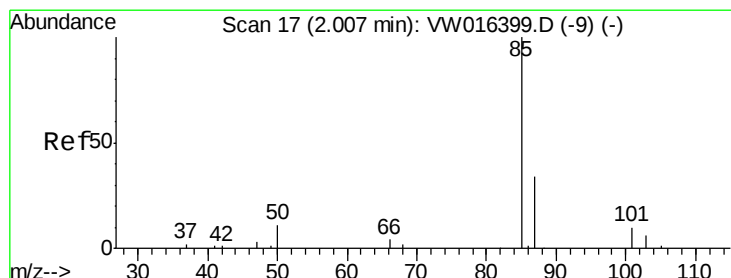
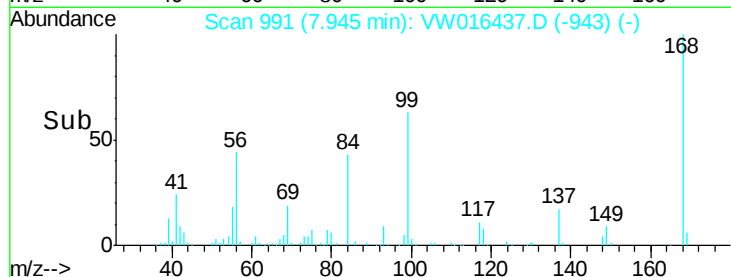
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 58.621 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW016437.D

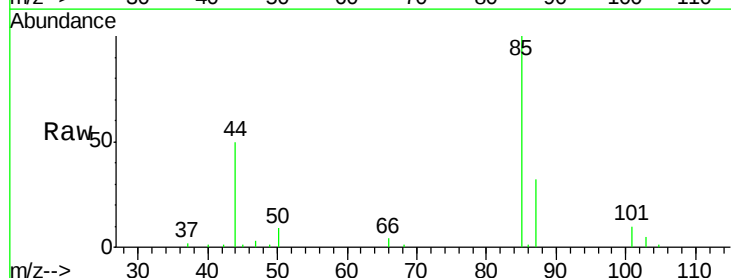
Acq: 01 Sep 2020 17:29

Tgt Ion: 85 Resp: 49043

Ion Ratio Lower Upper

85 100

87 31.5 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

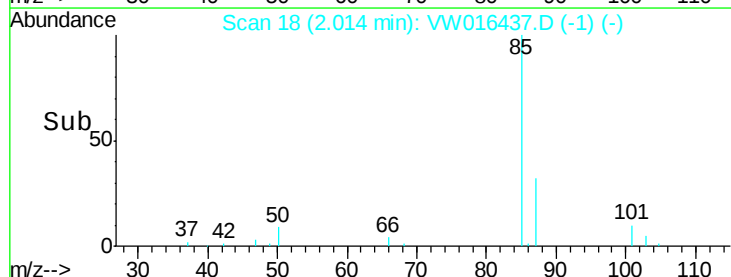
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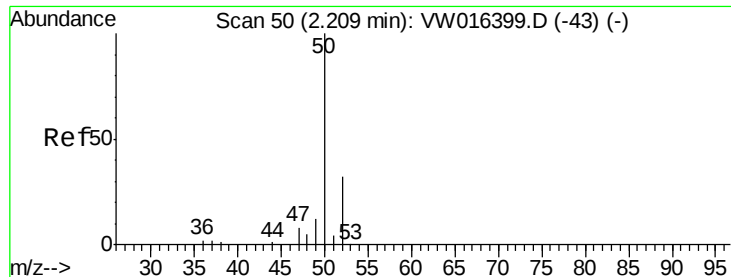
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 64.911 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 52243

Ion Ratio Lower Upper

50 100

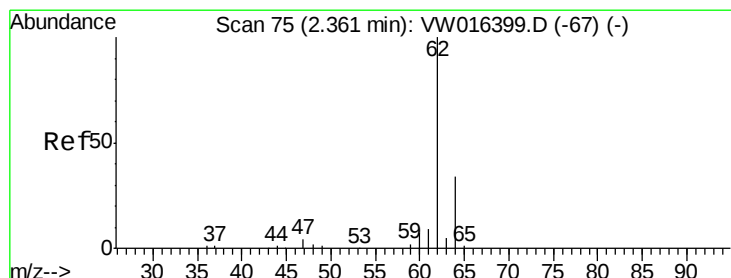
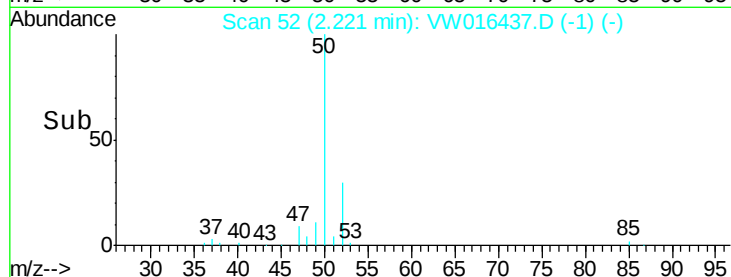
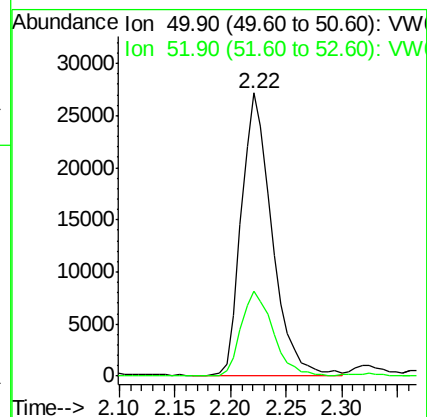
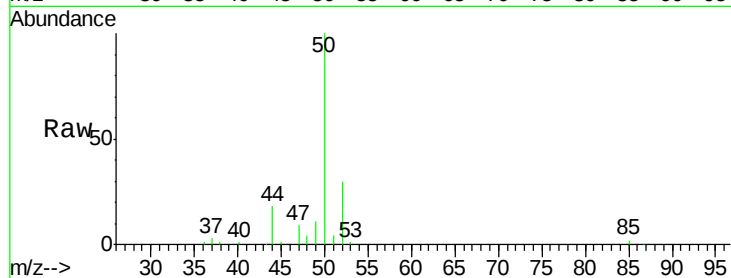
52 30.1 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 63.835 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW016437.D

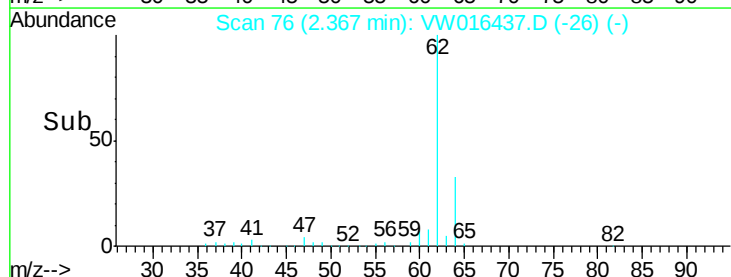
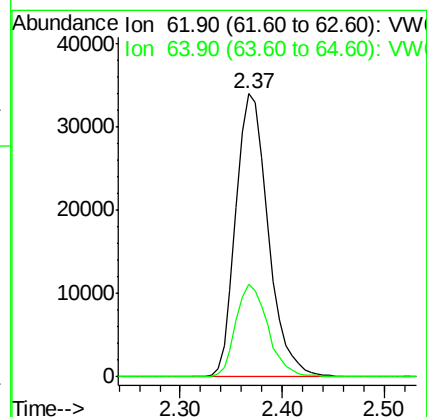
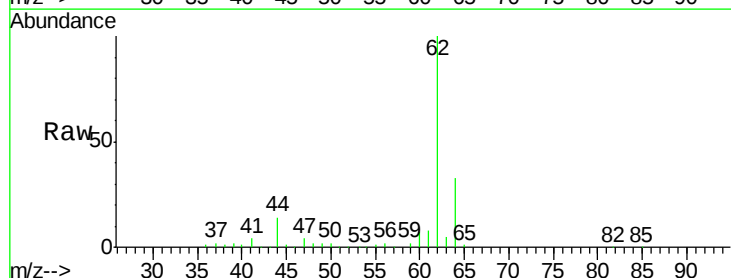
Acq: 01 Sep 2020 17:29

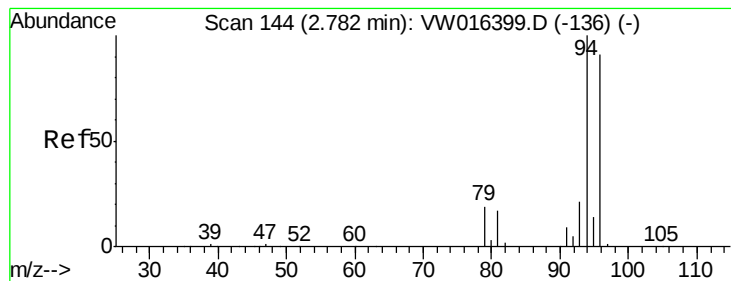
Tgt Ion: 62 Resp: 74883

Ion Ratio Lower Upper

62 100

64 32.8 27.2 40.8





#5

Bromomethane

Concen: 74.702 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Tot Ion: 94 Resp: 61879

Ion Ratio Lower Upper

94 100

96 98.8 72.6 109.0

Instrument :

MSVOA_W

ClientSampleId :

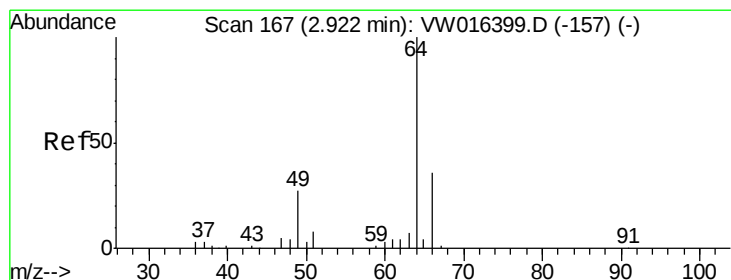
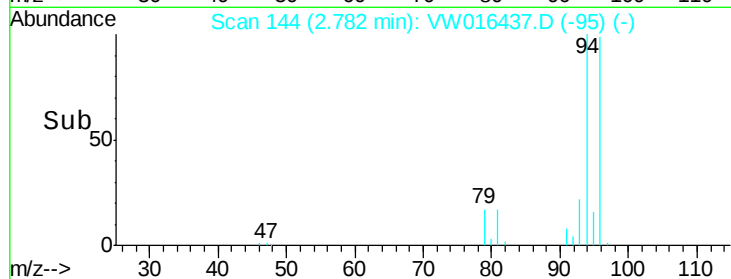
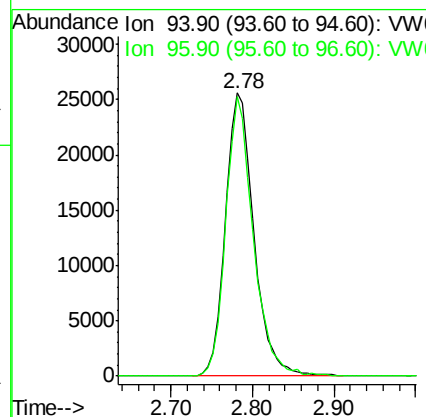
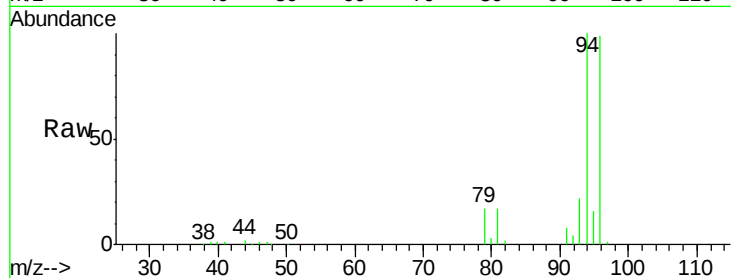
VSTDCCC050EC

Manual Integrations

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#6

Chloroethane

Concen: 77.402 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW016437.D

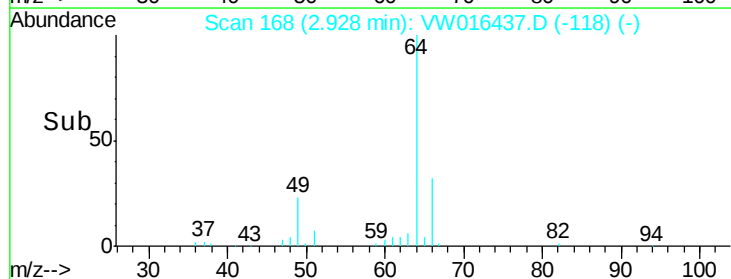
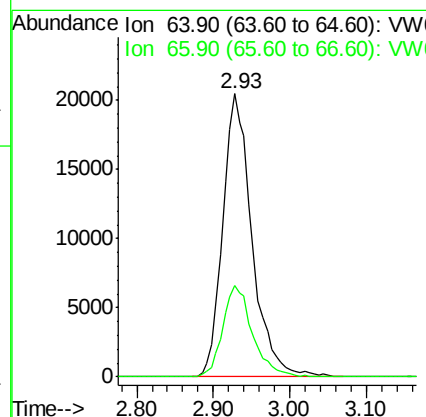
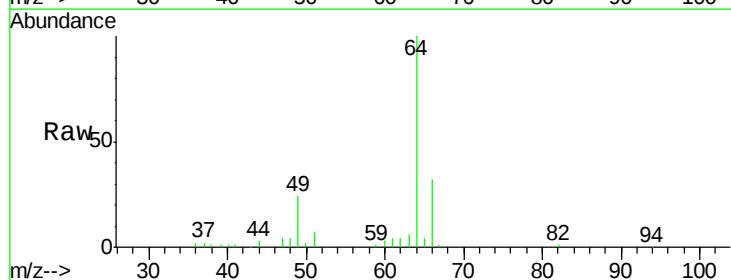
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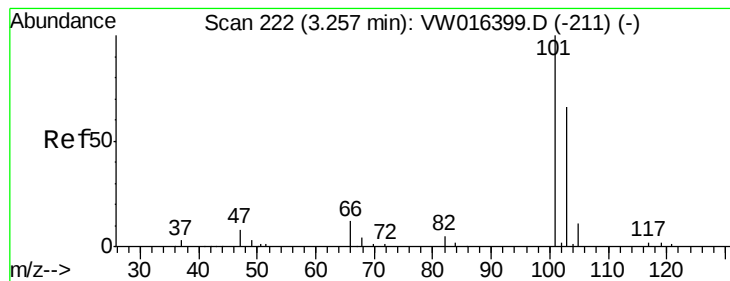
Tgt Ion: 64 Resp: 54047

Ion Ratio Lower Upper

64 100

66 32.3 28.7 43.1





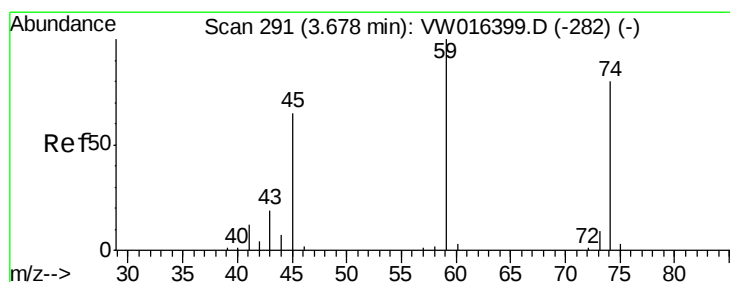
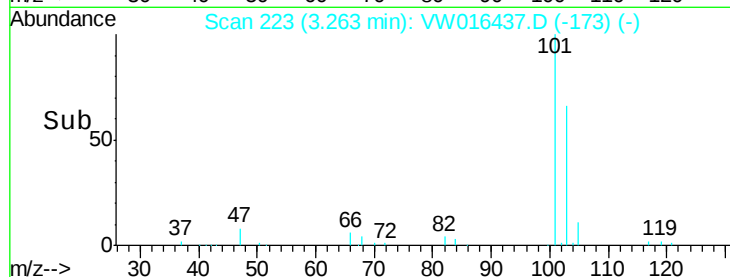
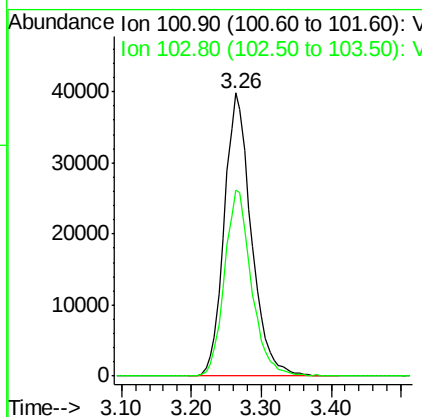
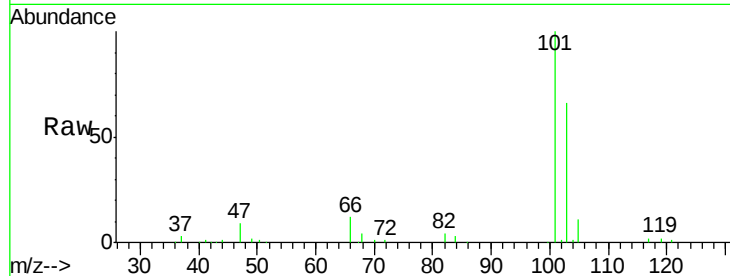
#7
 Trichlorofluoromethane
 Concen: 75.442 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 107000
 Ion Ratio Lower Upper
 101 100
 103 66.0 53.0 79.4

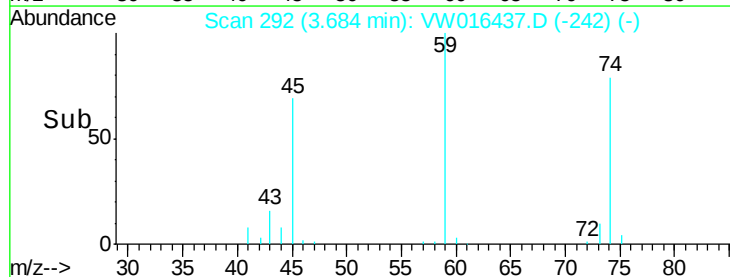
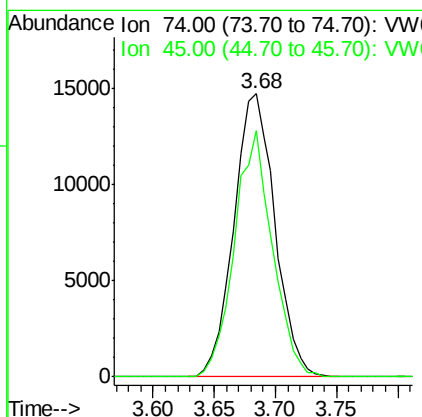
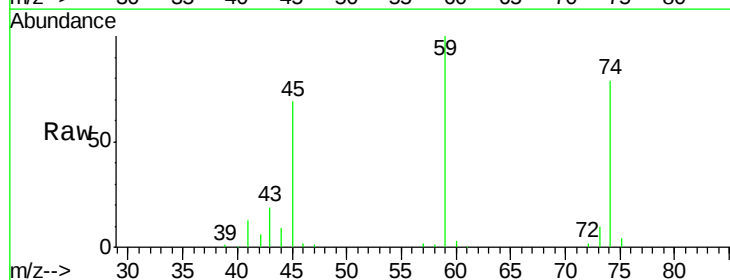
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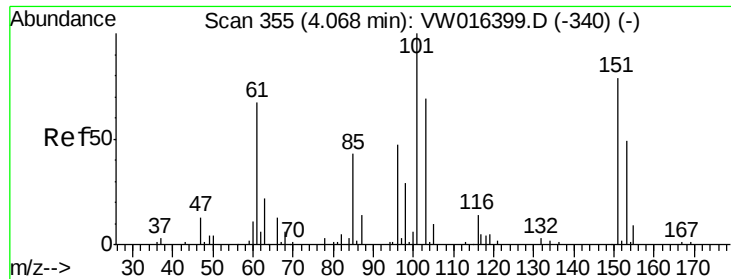
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#8
 Diethyl Ether
 Concen: 47.965 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Tgt Ion: 74 Resp: 34243
 Ion Ratio Lower Upper
 74 100
 45 80.3 42.0 126.0





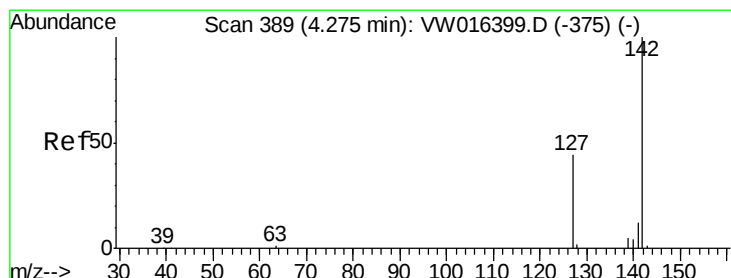
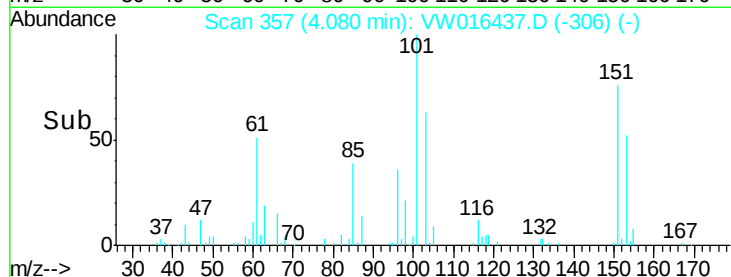
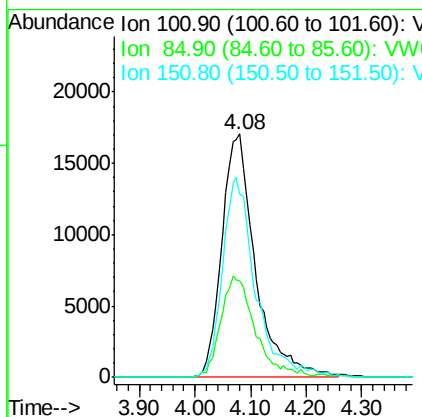
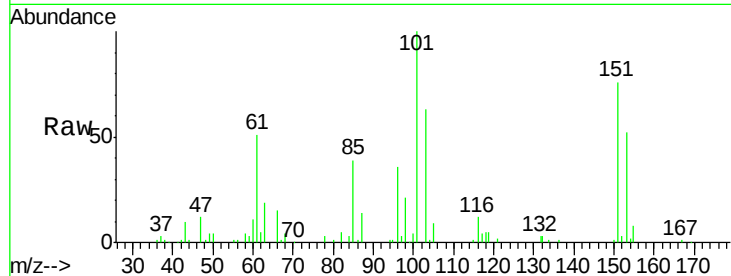
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.784 ug/l
RT: 4.08 min Scan# 357
Delta R.T. 0.01 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
85	41.7	34.2	51.2
151	78.0	63.8	95.8

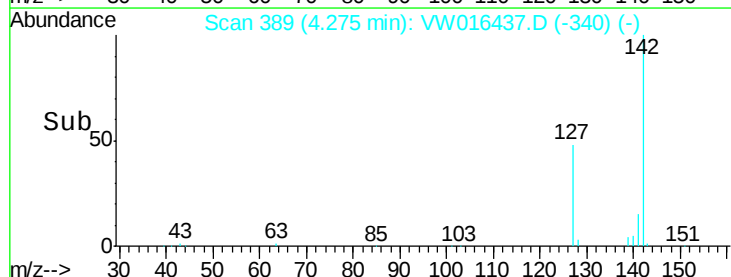
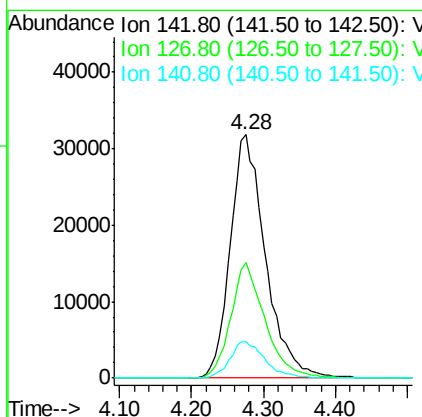
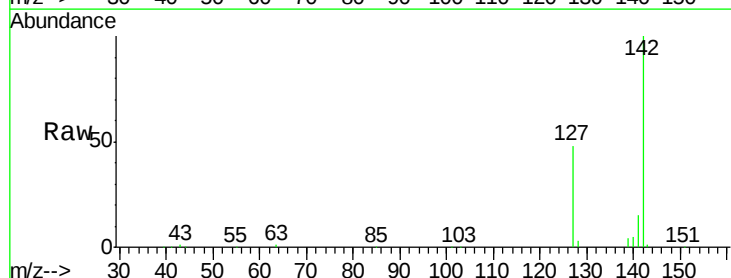
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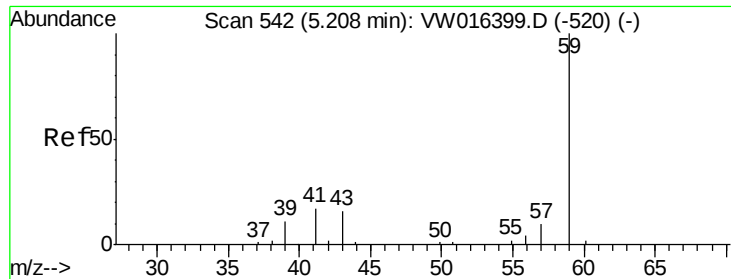
MMDadoda
9/2/2020 2:22:32 PM



#10
Methyl Iodide
Concen: 51.068 ug/l
RT: 4.28 min Scan# 389
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.1	36.2	54.4
141	15.0	11.8	17.6





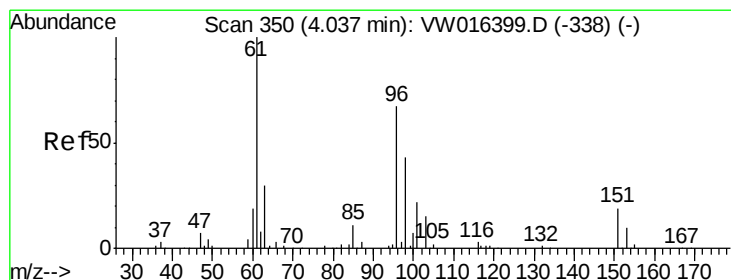
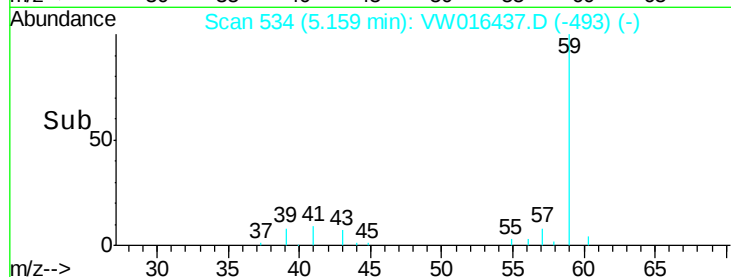
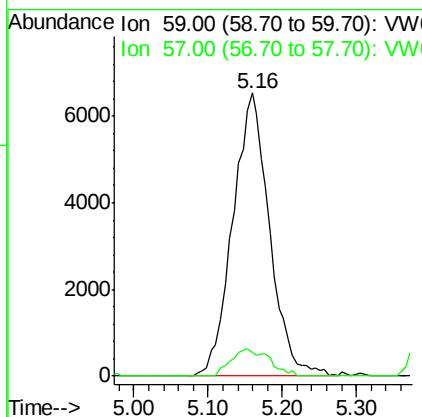
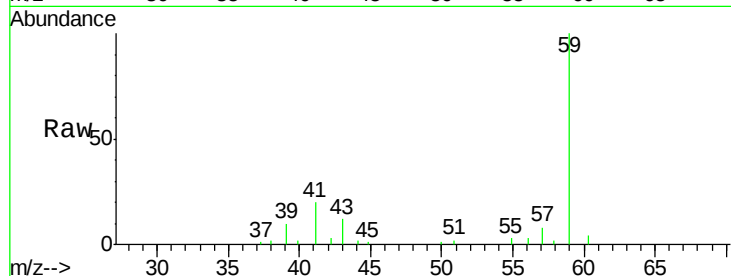
#11
Tert butyl alcohol
Concen: 251.369 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.05 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

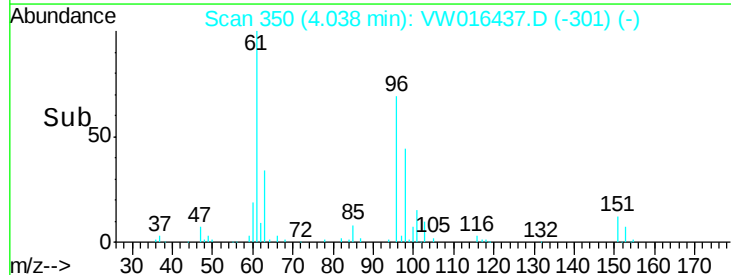
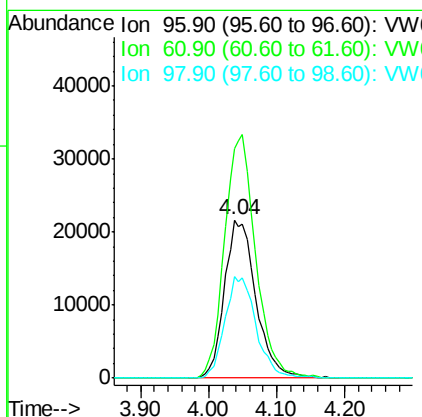
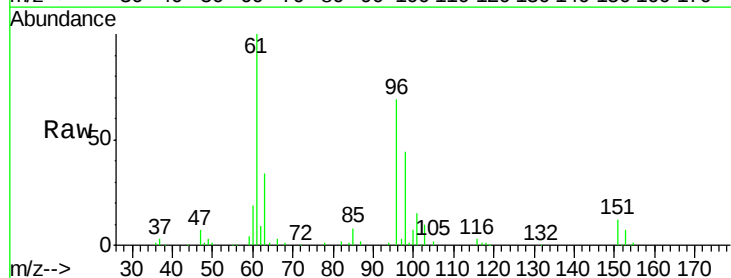
Manual Integrations
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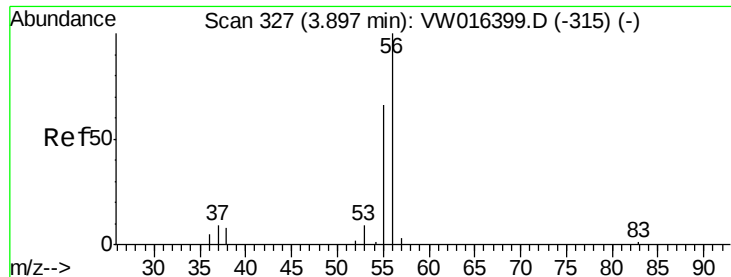
MMDadoda
9/2/2020 2:22:32 PM



#12
1,1-Dichloroethene
Concen: 49.060 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.9	119.0	178.4
98	64.4	50.6	76.0





#13

Acrolein

Concen: 169.859 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 11628

Ion Ratio Lower Upper

56 100

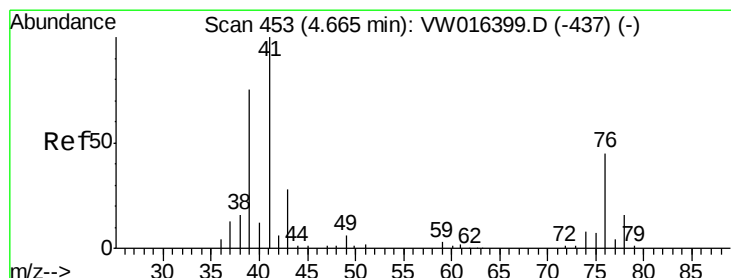
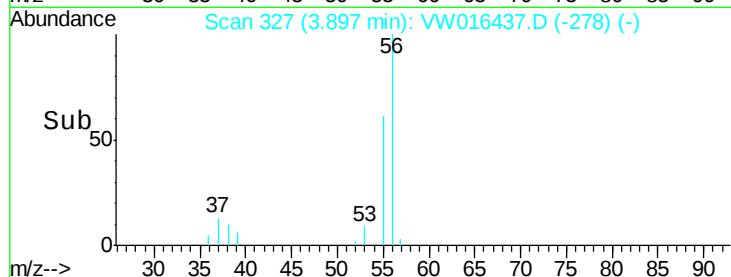
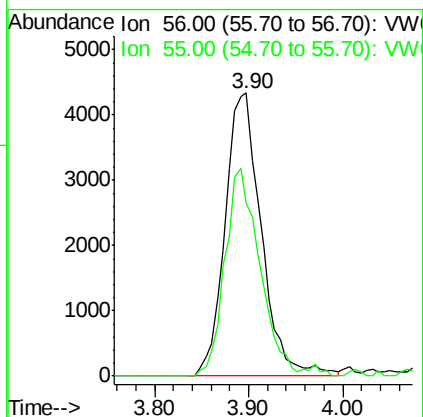
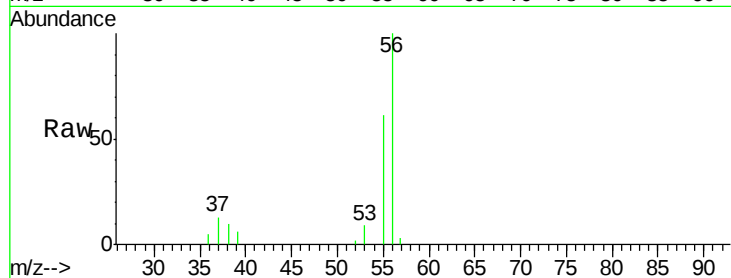
55 70.0 54.8 82.2

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#14

Allyl chloride

Concen: 45.792 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

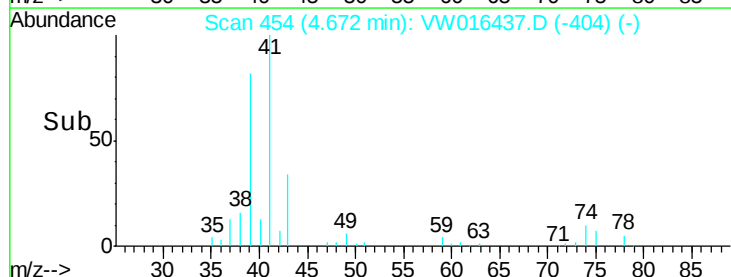
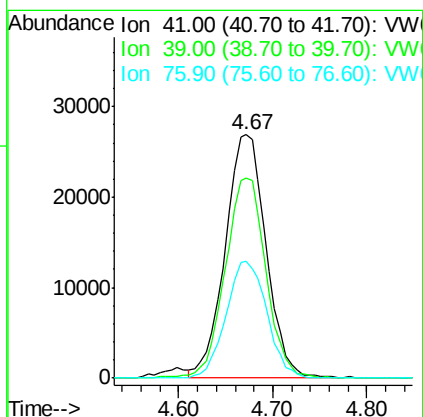
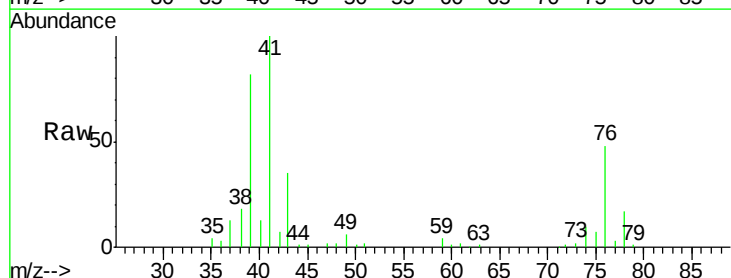
Tgt Ion: 41 Resp: 80861

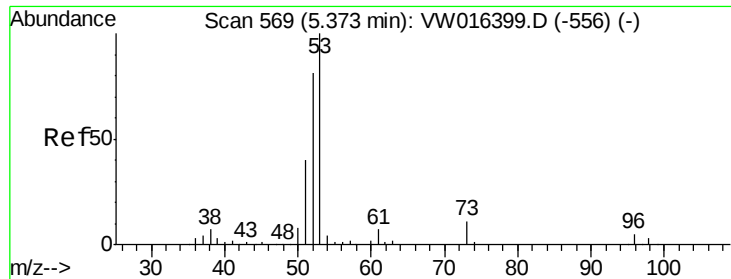
Ion Ratio Lower Upper

41 100

39 82.6 60.2 90.2

76 48.2 35.7 53.5





#15

Acrylonitrile

Concen: 259.308 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

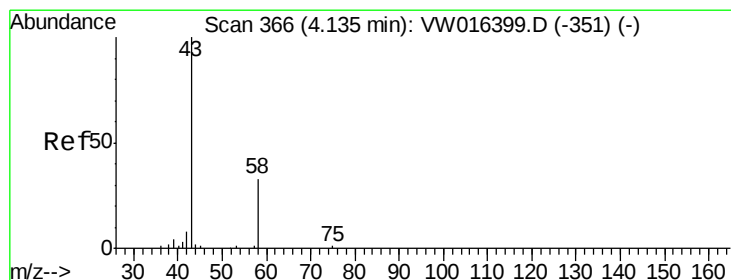
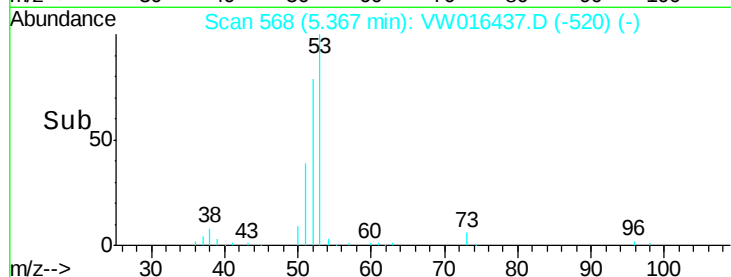
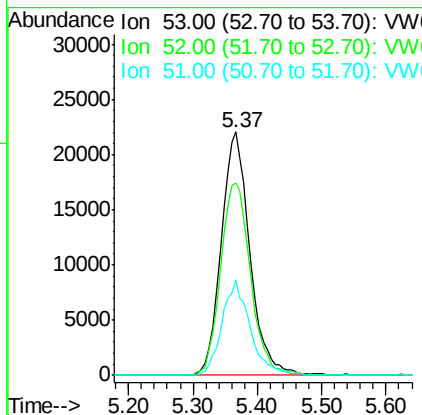
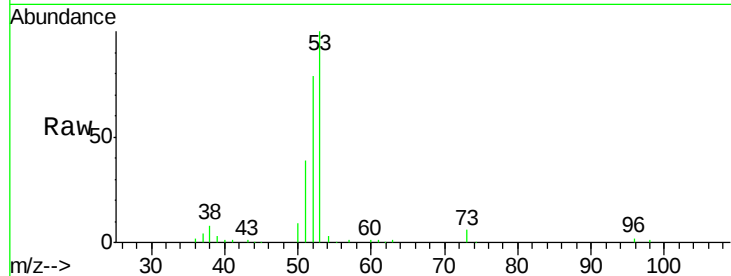
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	68925
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.1	99.1
51	38.6	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 244.085 ug/l

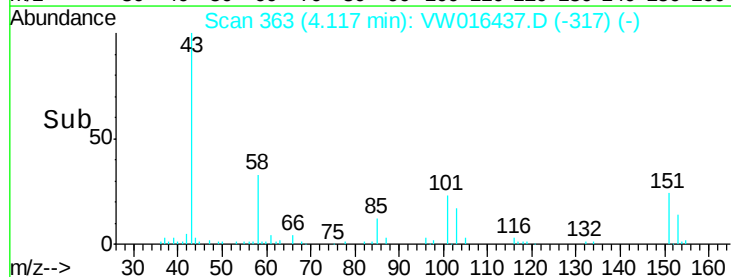
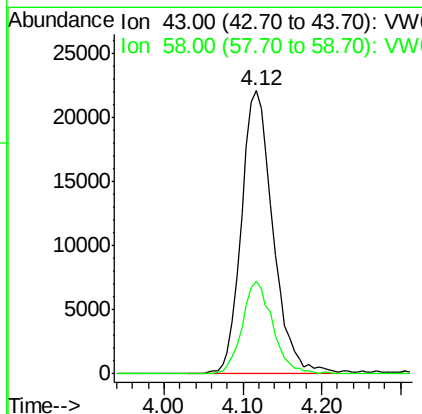
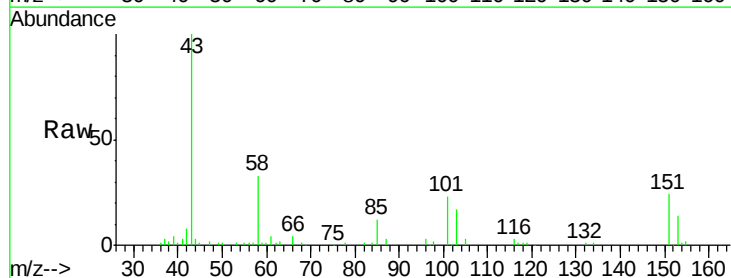
RT: 4.12 min Scan# 363

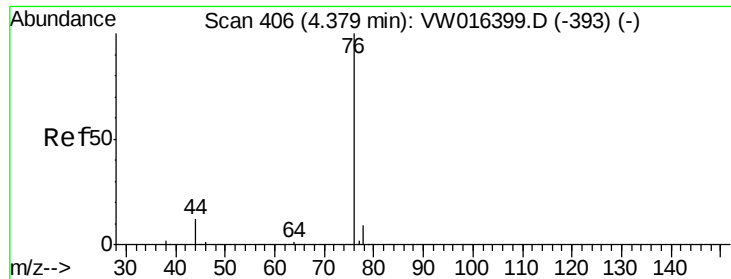
Delta R.T. -0.02 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Tgt Ion:	43	Resp:	61592
Ion Ratio	Lower	Upper	
43	100		
58	32.7	26.6	39.8





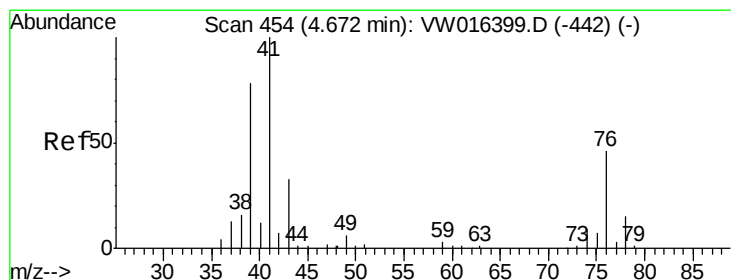
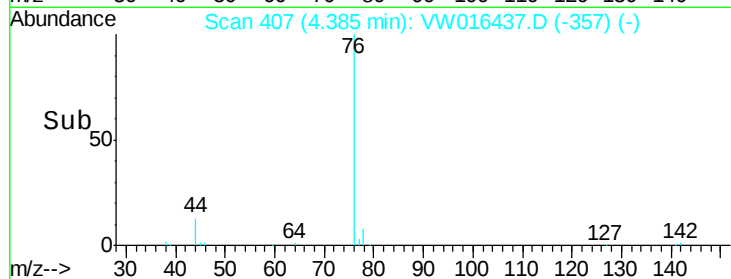
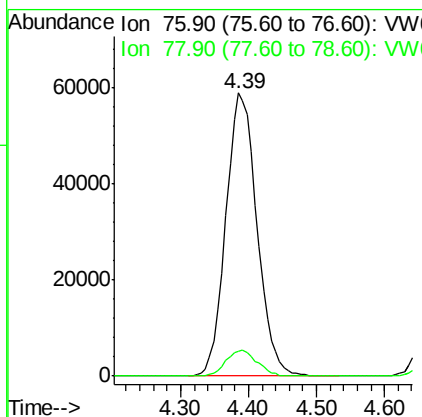
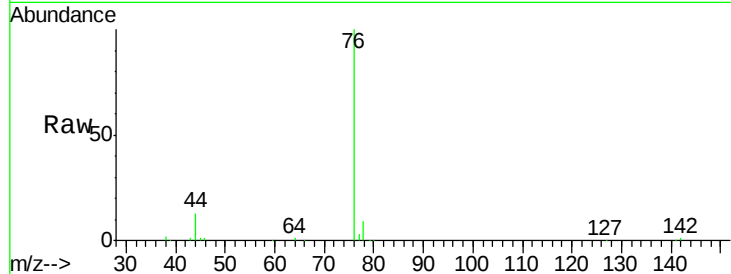
#17
Carbon Disulfide
Concen: 47.104 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	76	Resp	186828
Ion Ratio	Lower	Upper	
76	100		
78	8.7	7.4	11.2

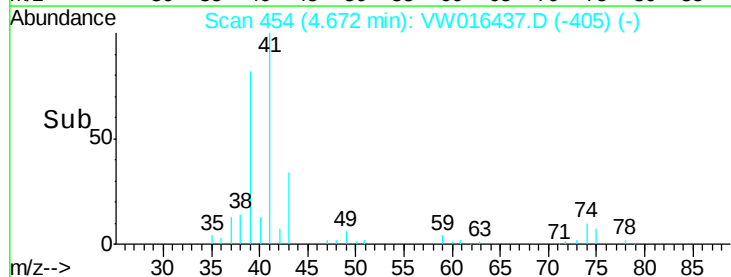
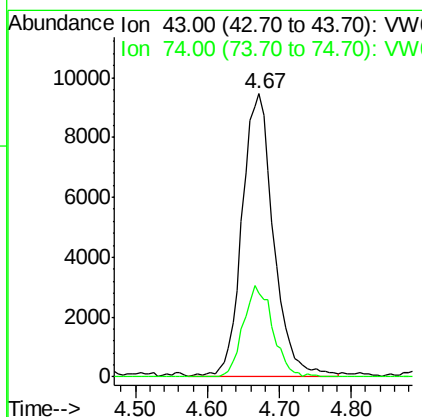
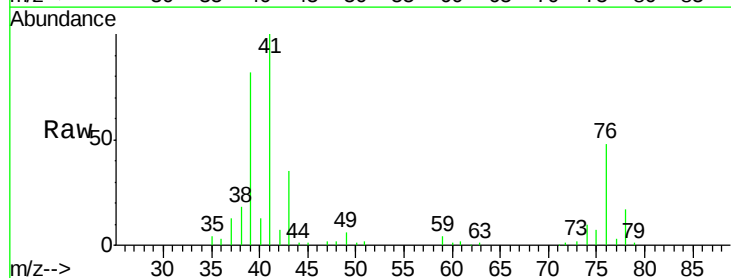
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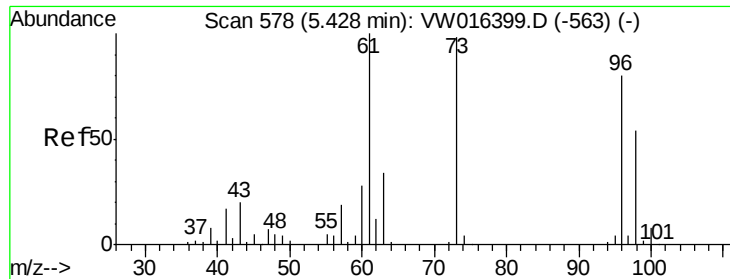
MMDadoda
9/2/2020 2:22:32 PM



#18
Methyl Acetate
Concen: 50.200 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	43	Resp	28885
Ion Ratio	Lower	Upper	
43	100		
74	29.7	23.2	34.8





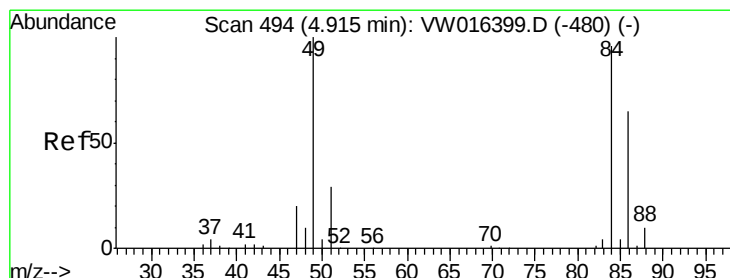
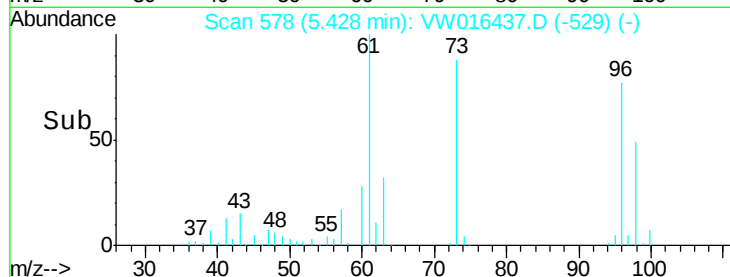
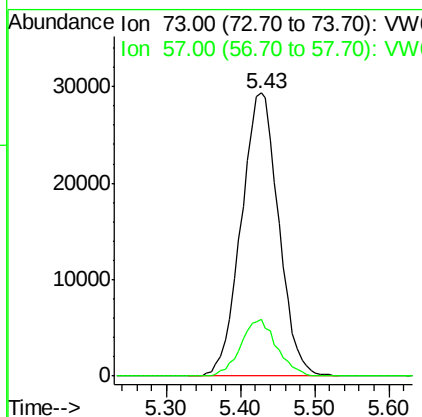
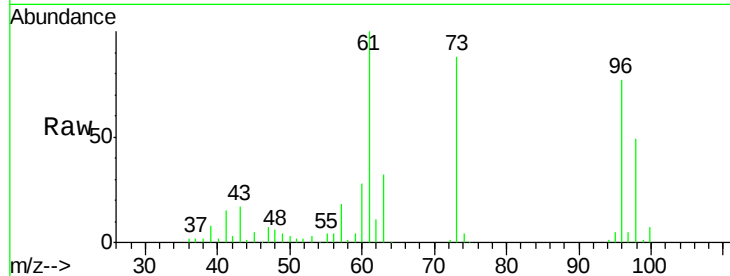
#19
Methyl tert-butyl Ether
Concen: 47.814 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 103202
Ion Ratio Lower Upper
73 100
57 20.2 15.0 22.6

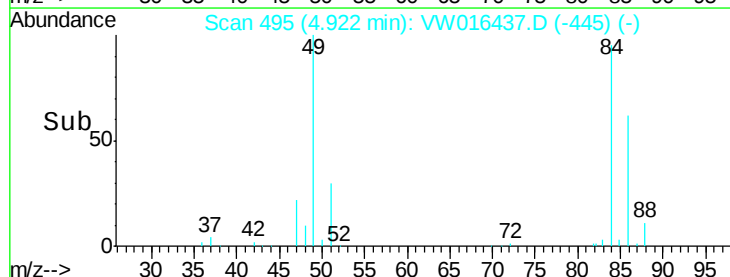
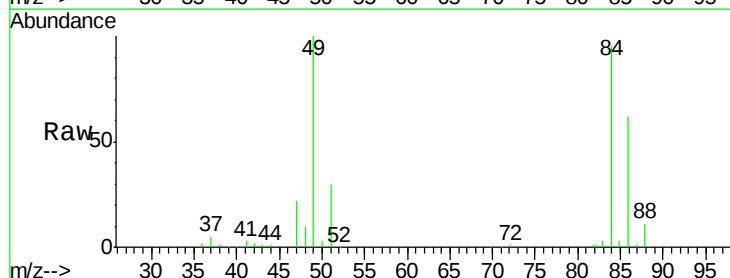
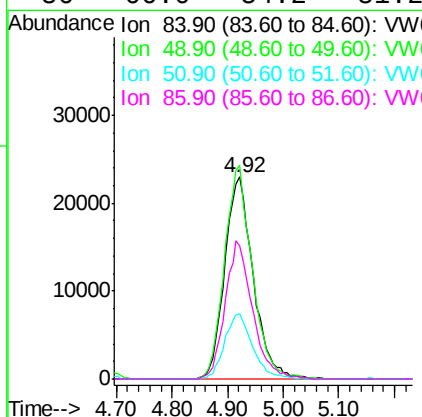
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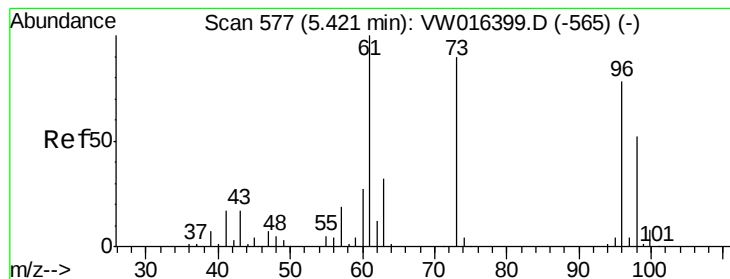
MMDadoda
9/2/2020 2:22:32 PM



#20
Methylene Chloride
Concen: 51.376 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion: 84 Resp: 81450
Ion Ratio Lower Upper
84 100
49 105.8 83.2 124.8
51 32.1 24.4 36.6
86 66.0 54.2 81.2





#21

trans-1,2-Dichloroethene

Concen: 48.681 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 77081

Ion Ratio Lower Upper

96 100

61 130.1 103.0 154.6

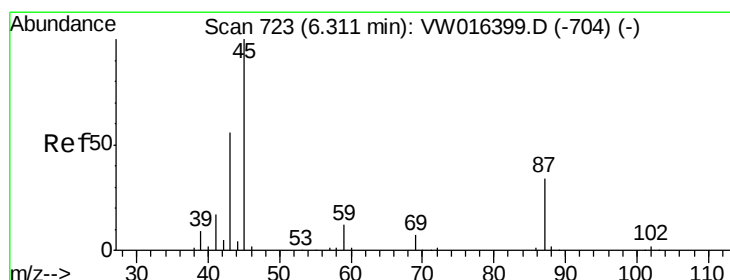
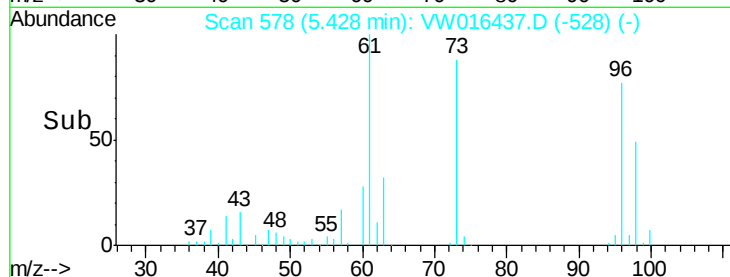
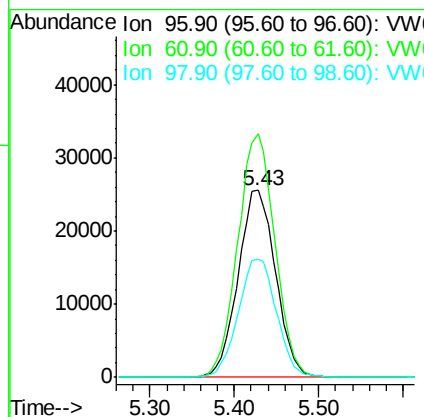
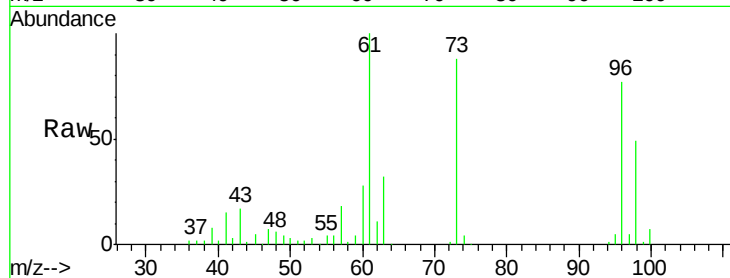
98 63.3 53.8 80.6

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#22

Diisopropyl ether

Concen: 48.130 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Tgt Ion: 45 Resp: 168235

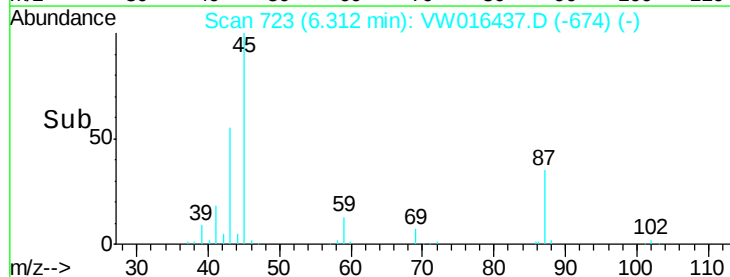
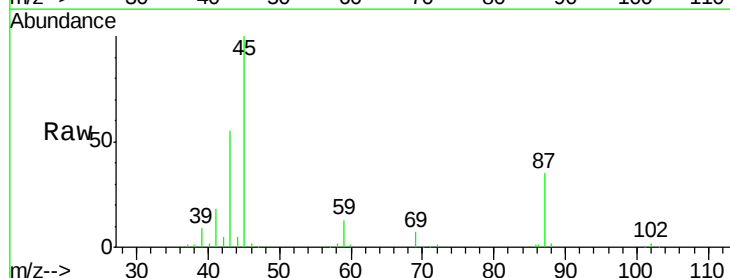
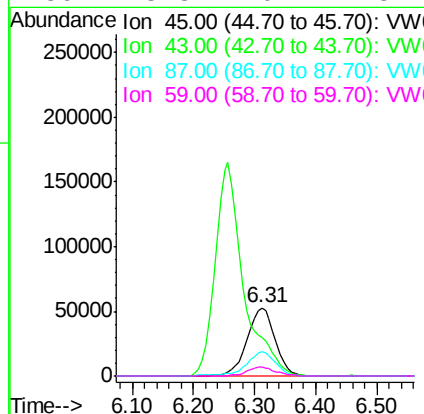
Ion Ratio Lower Upper

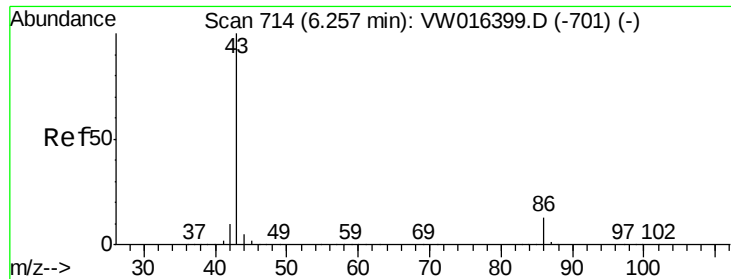
45 100

43 54.9 44.6 67.0

87 34.7 27.5 41.3

59 13.3 10.2 15.2





#23

Vinyl Acetate

Concen: 249.688 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 534868

Ion Ratio Lower Upper

43 100

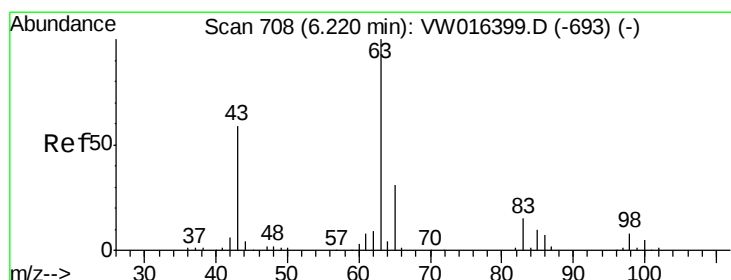
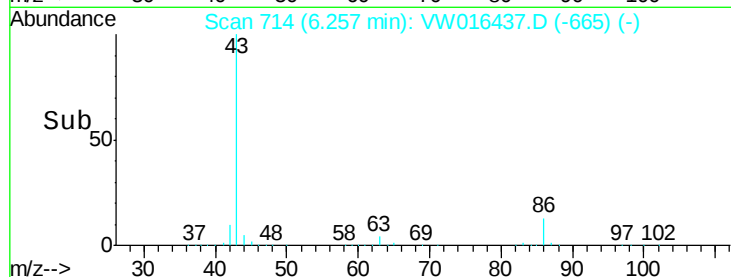
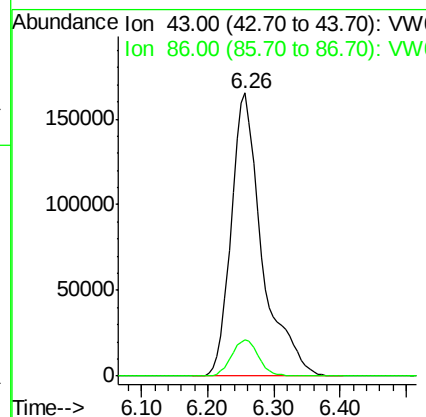
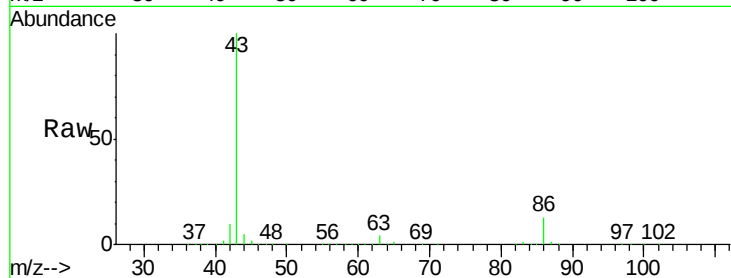
86 12.8 10.6 15.8

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#24

1,1-Dichloroethane

Concen: 49.080 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

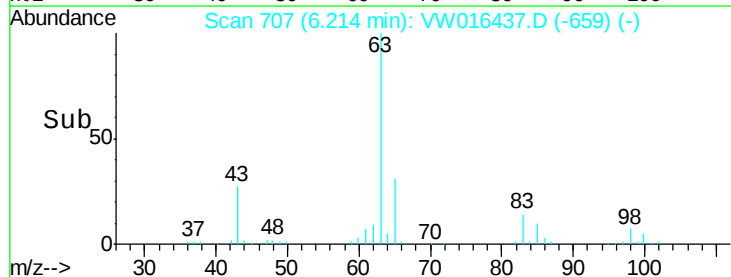
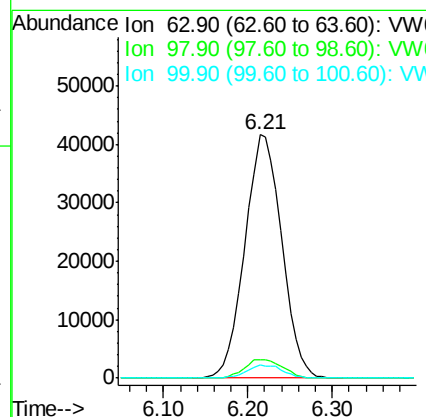
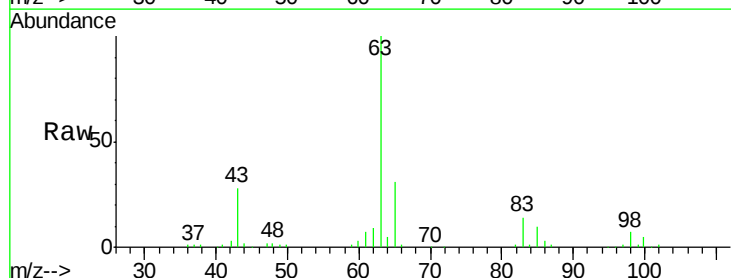
Tgt Ion: 63 Resp: 123688

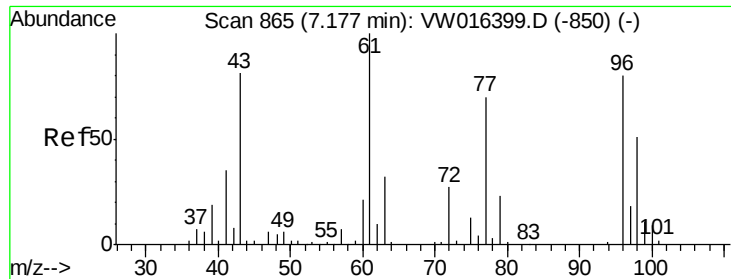
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 5.5 2.5 7.5





#25

2-Butanone

Concen: 242.953 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 83179

Ion Ratio Lower Upper

43 100

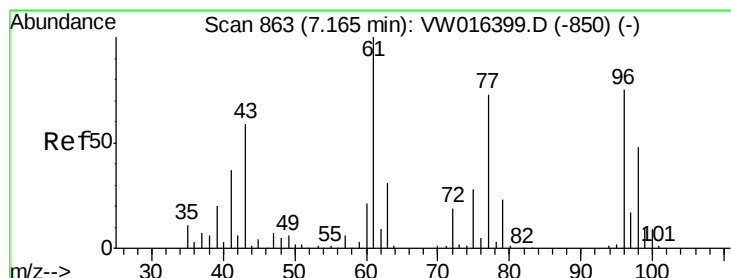
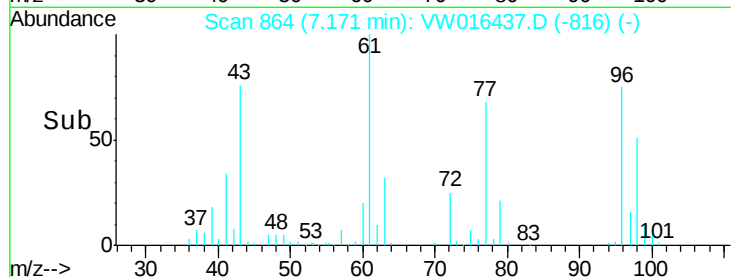
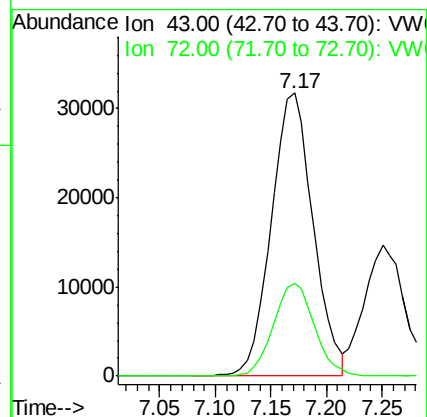
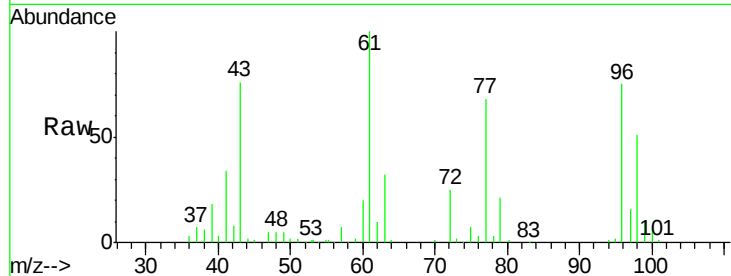
72 32.8 26.7 40.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.524 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW016437.D

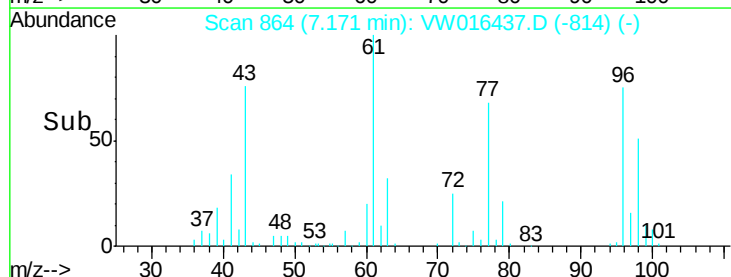
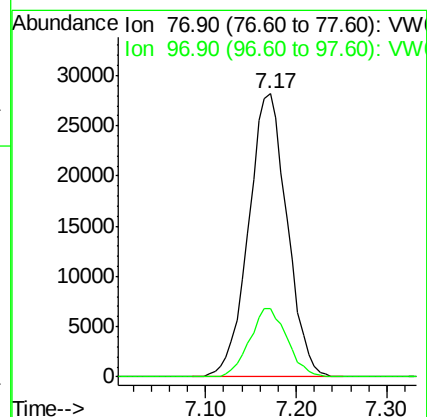
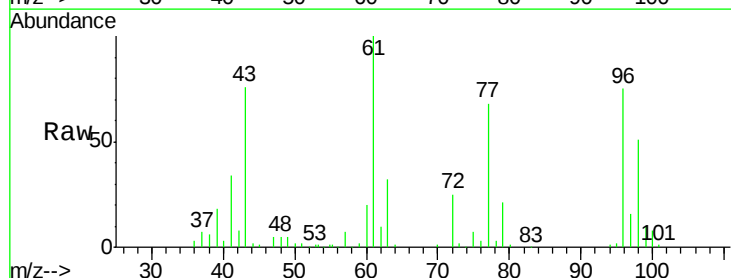
Acq: 01 Sep 2020 17:29

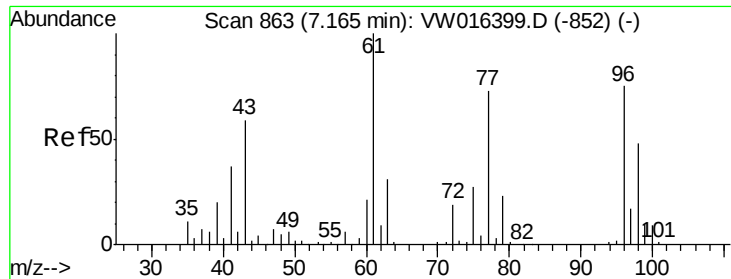
Tgt Ion: 77 Resp: 82769

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

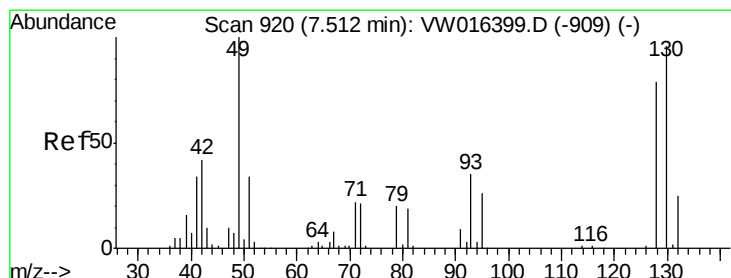
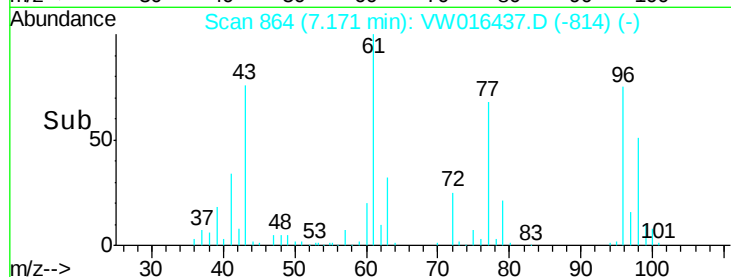
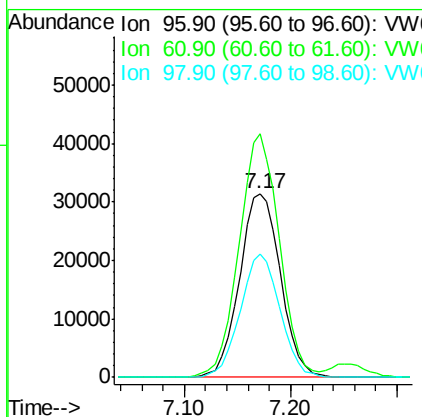
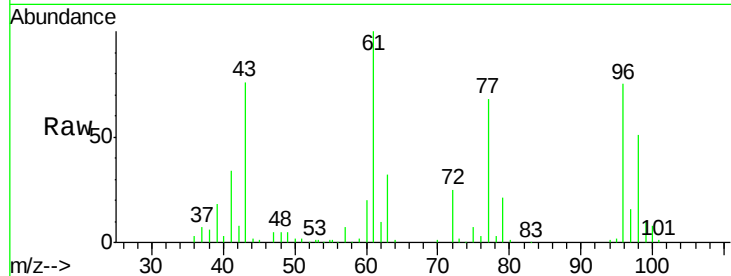
cis-1,2-Dichloroethene
Concen: 49.363 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	268.6
98	65.0	0.0	130.0

Manual Integrations
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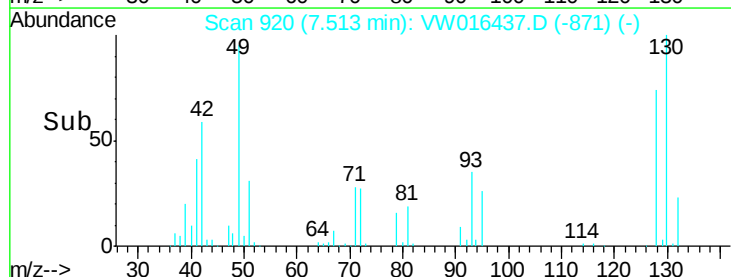
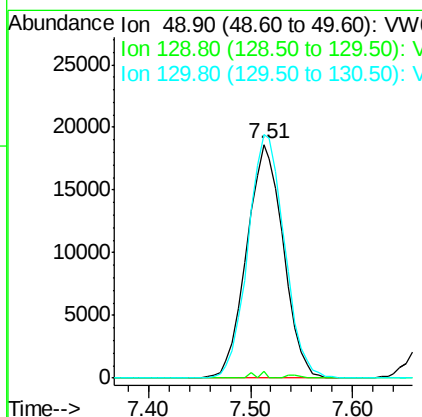
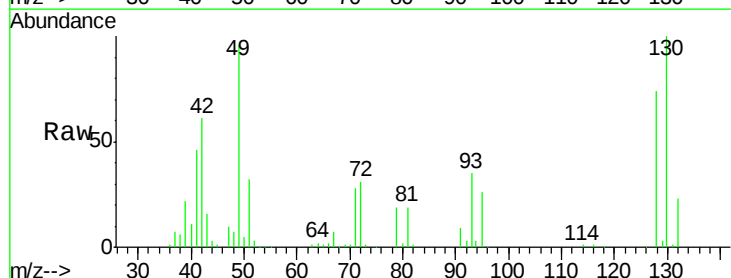
MMDadoda
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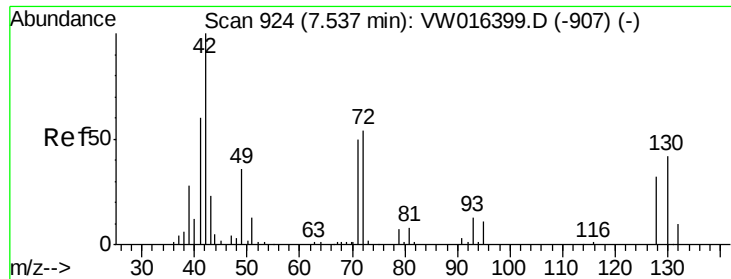


#28

Bromochloromethane
Concen: 50.852 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	1.8
130	103.7	80.8	121.2





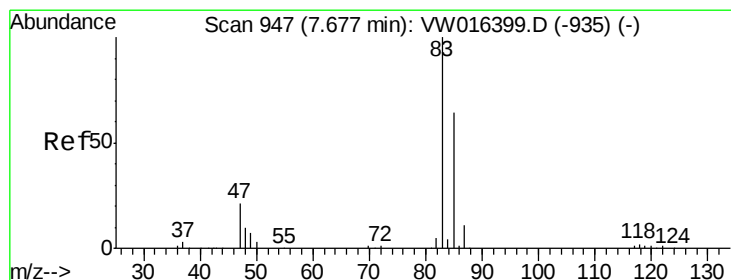
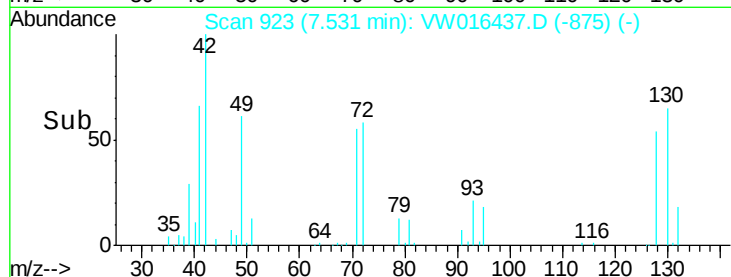
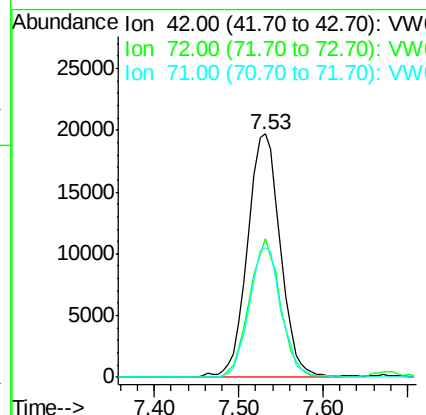
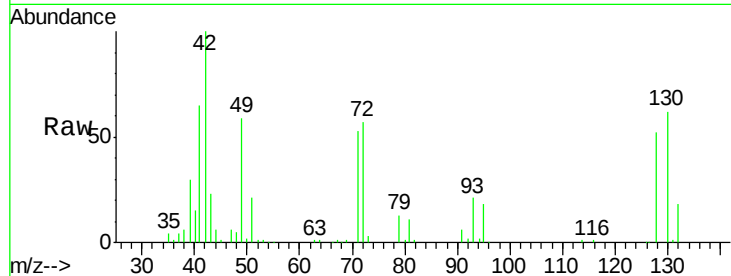
#29
Tetrahydrofuran
Concen: 254.224 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.8	42.3	63.5
71	52.1	39.5	59.3

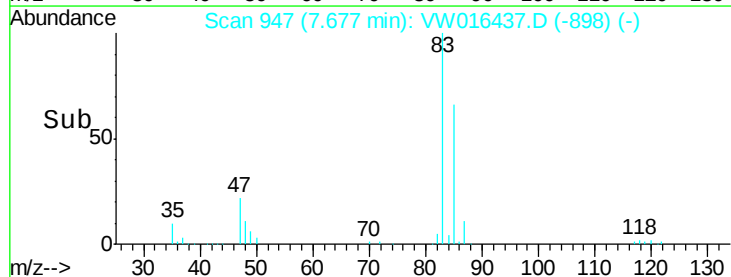
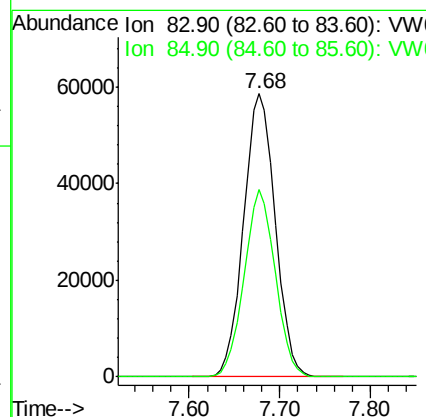
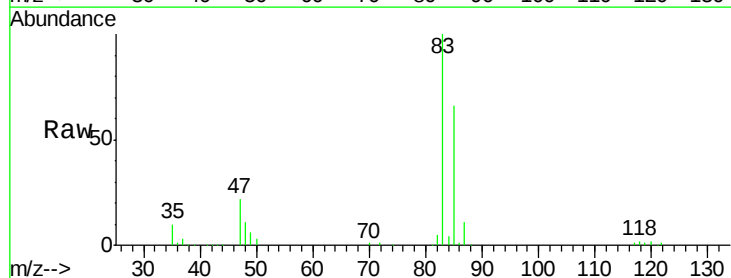
Manual Integrations
APPROVED

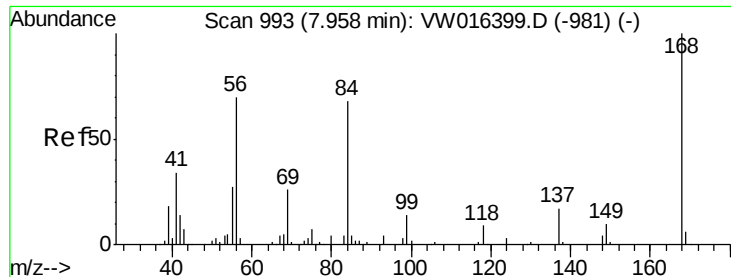
MMDadoda
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#30
Chloroform
Concen: 50.447 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.6	77.4





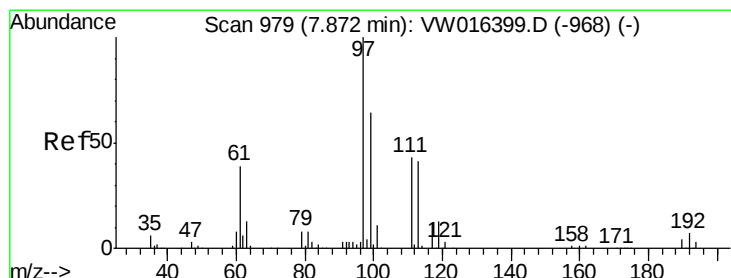
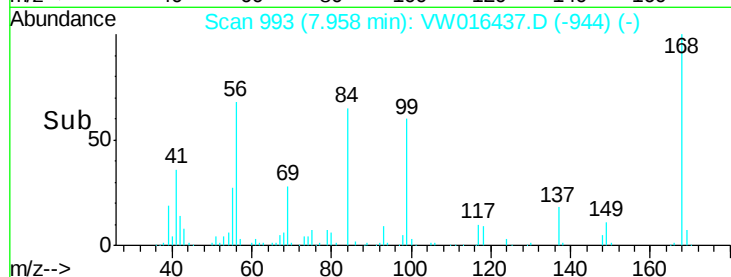
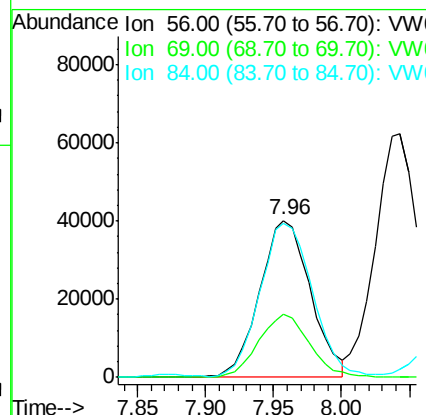
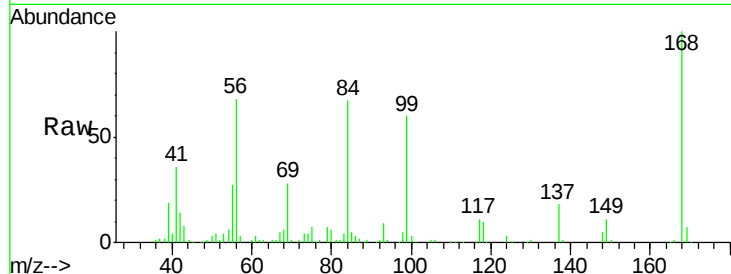
#31
Cyclohexane
Concen: 45.235 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.5	30.0	45.0
84	97.4	77.4	116.2

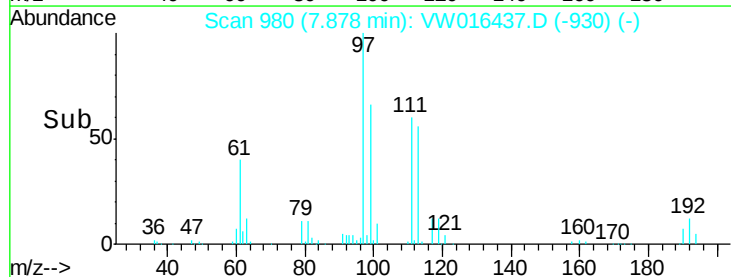
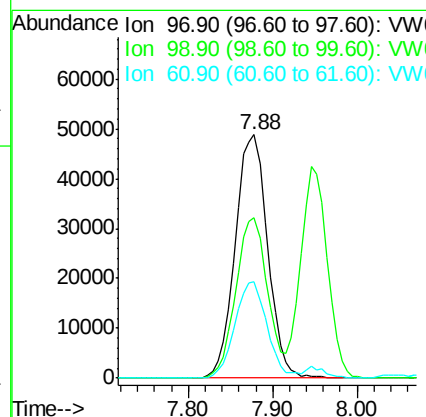
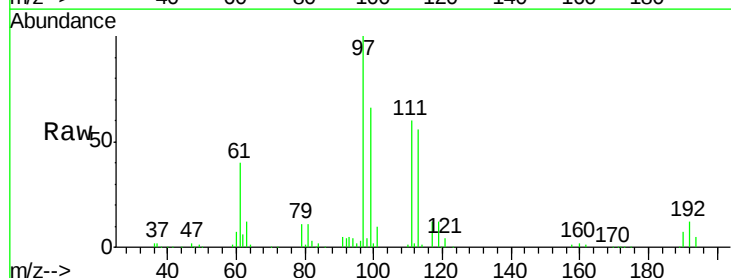
Manual Integrations
APPROVED

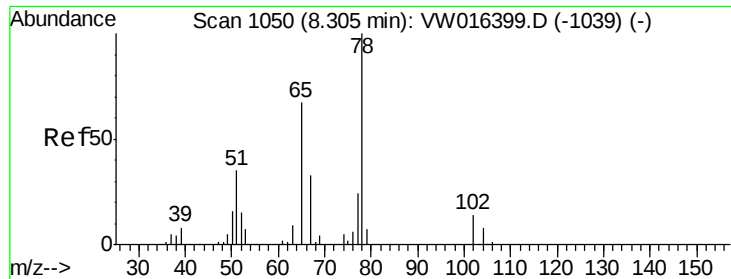
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.249 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.0	78.0
61	38.9	31.0	46.6





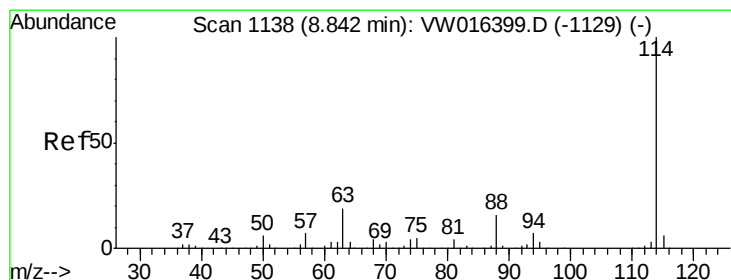
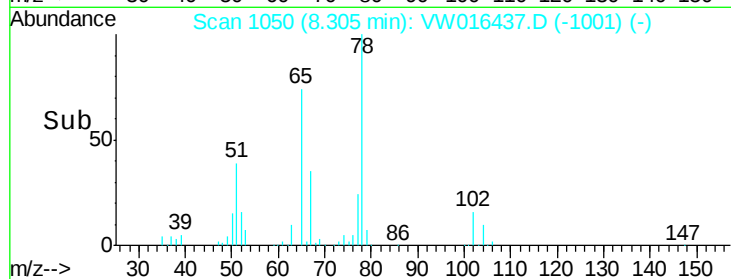
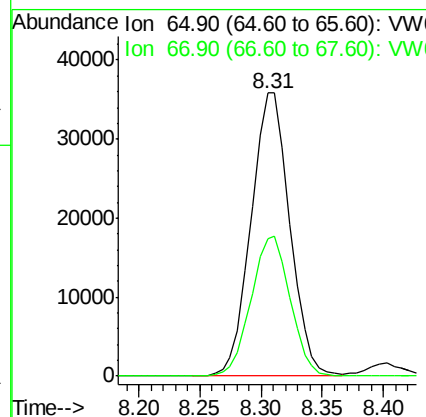
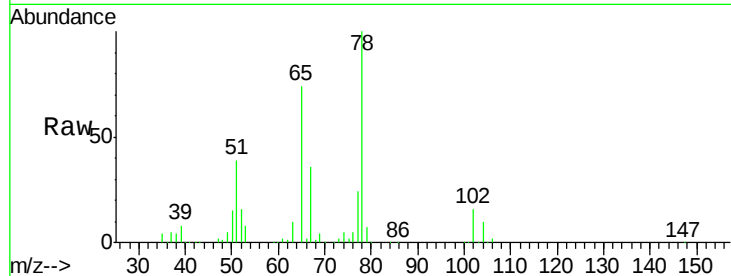
#33
 1,2-Dichloroethane-d4
 Concen: 53.256 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	79138		
67	49.8	0.0	100.2	

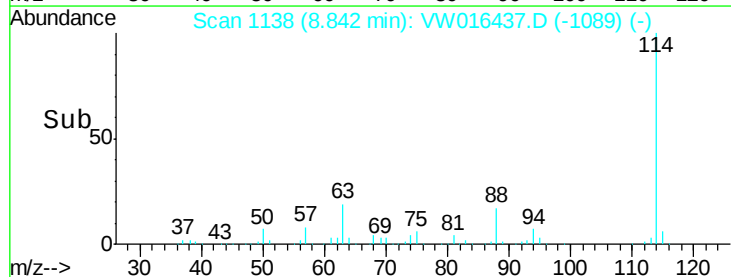
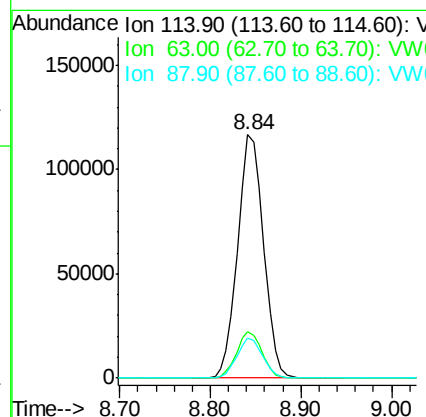
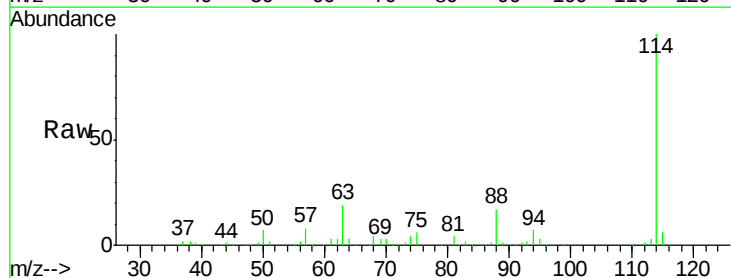
Manual Integrations
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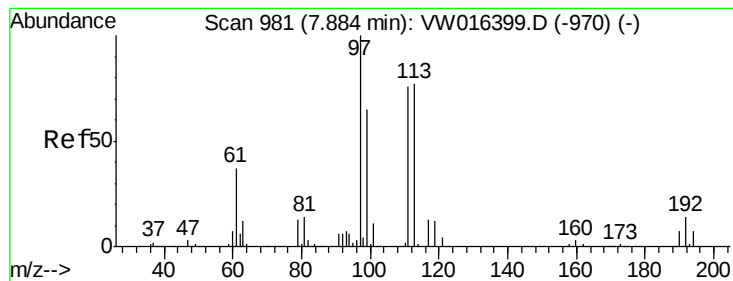
MMDadoda
 9/2/2020 2:22:32 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	231452		
63	18.8	0.0	37.8	
88	16.6	0.0	31.2	





#35

Dibromofluoromethane

Concen: 51.950 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

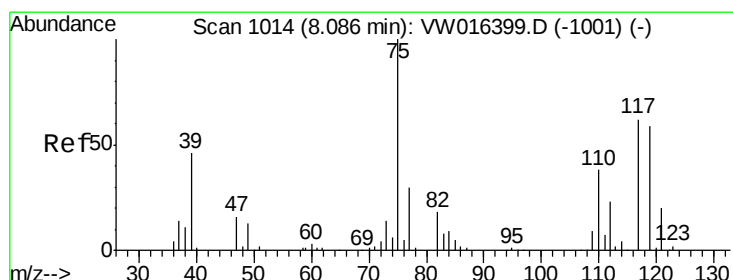
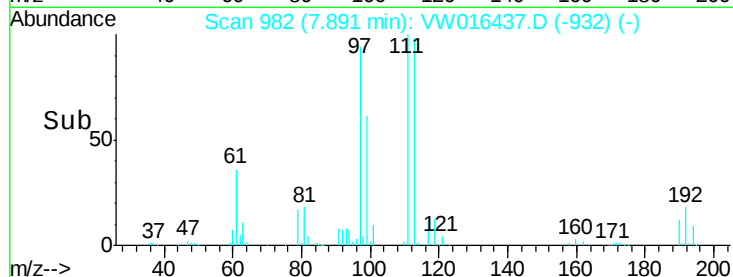
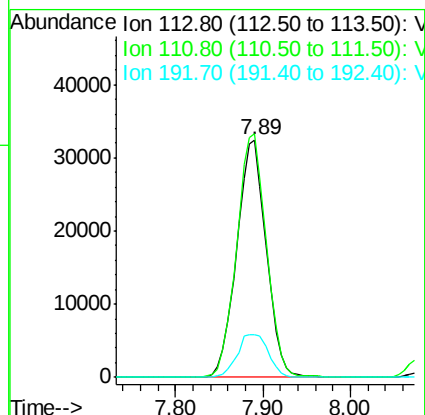
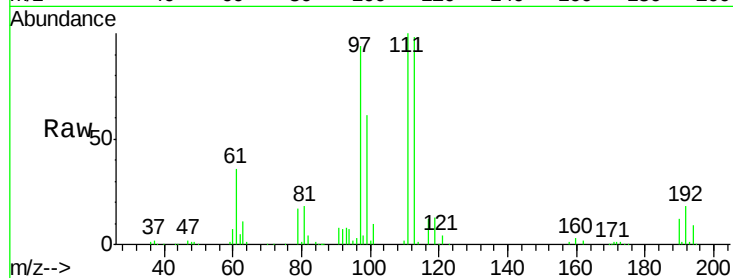
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	76109
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.1	123.1
192	19.2	15.5	23.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.948 ug/l

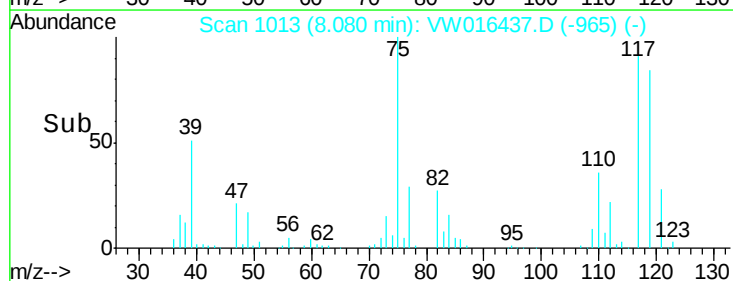
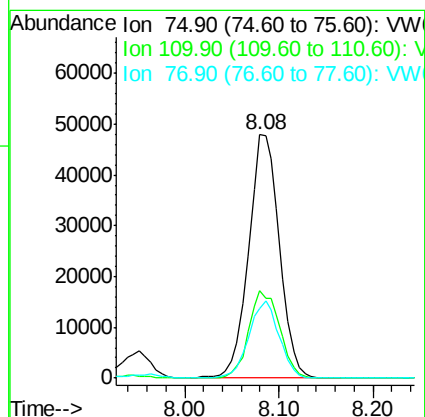
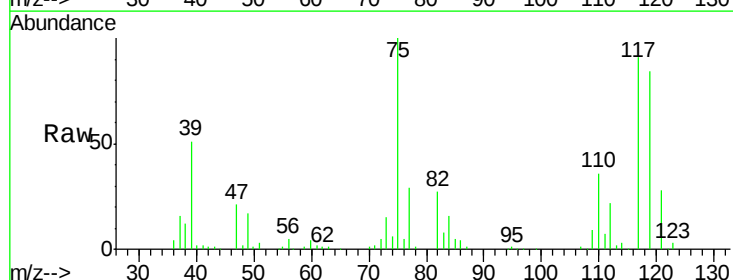
RT: 8.08 min Scan# 1013

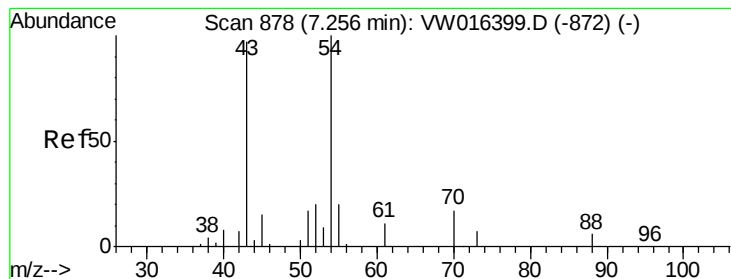
Delta R.T. -0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Tgt Ion:	75	Resp:	110019
Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.6	56.0
77	31.1	25.1	37.7





#37

Ethyl Acetate

Concen: 52.115 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

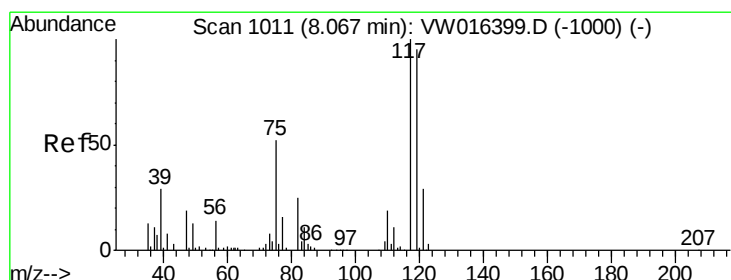
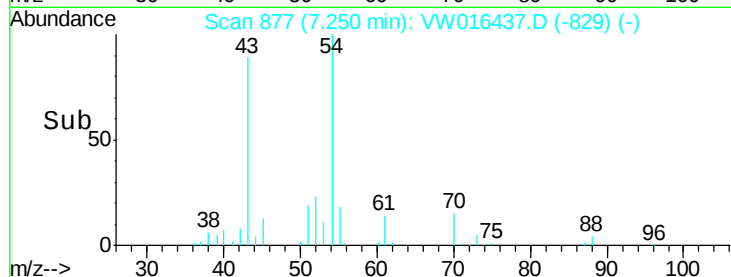
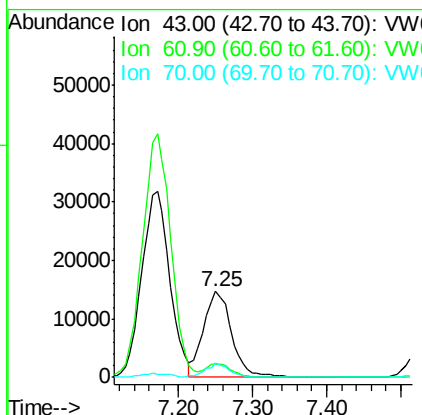
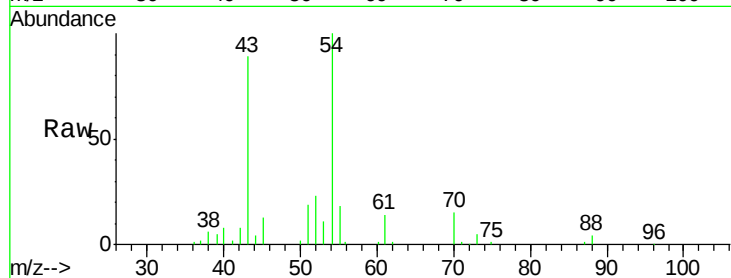
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	38888
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	13.9	10.7	16.1

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 51.979 ug/l

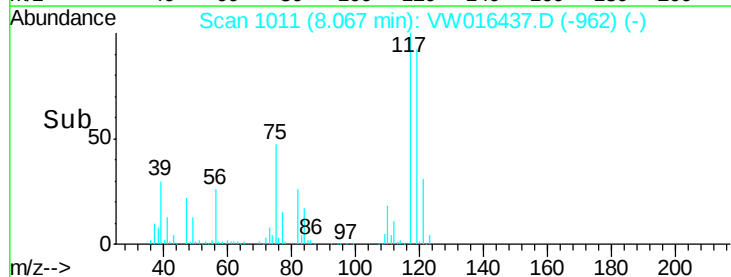
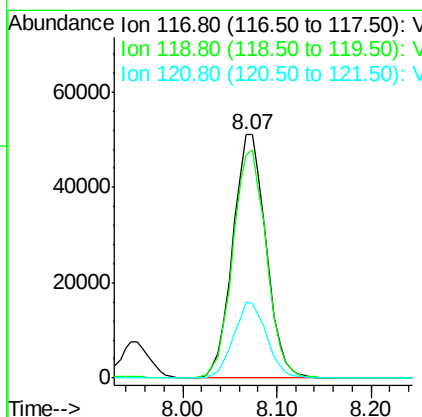
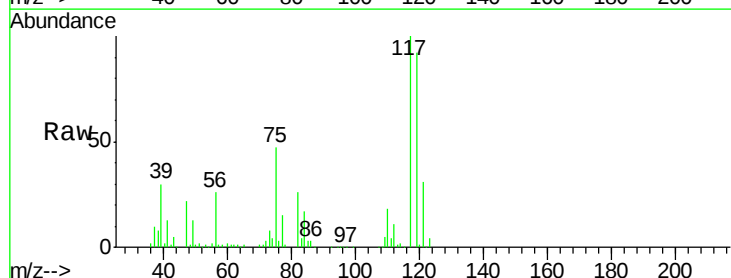
RT: 8.07 min Scan# 1011

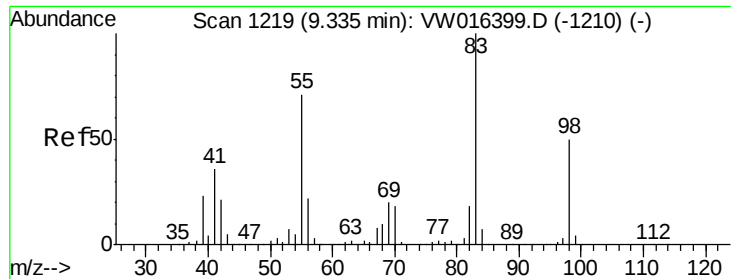
Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Tgt Ion:	117	Resp:	125456
Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.3	114.5
121	31.0	23.0	34.6





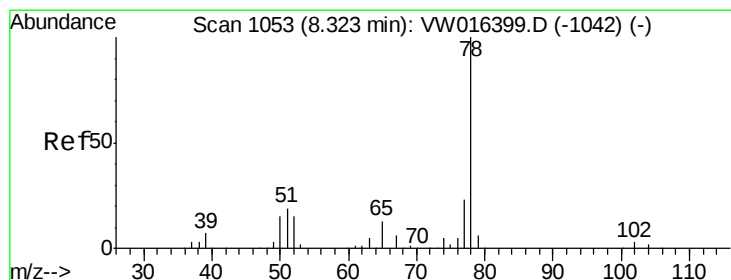
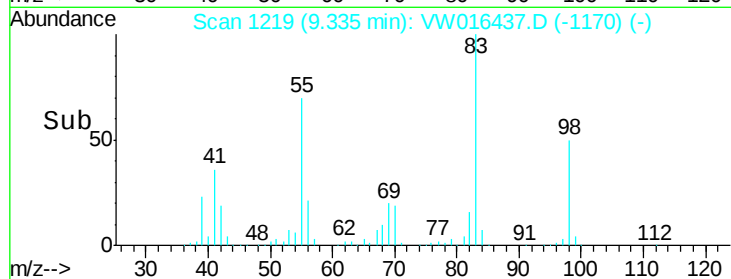
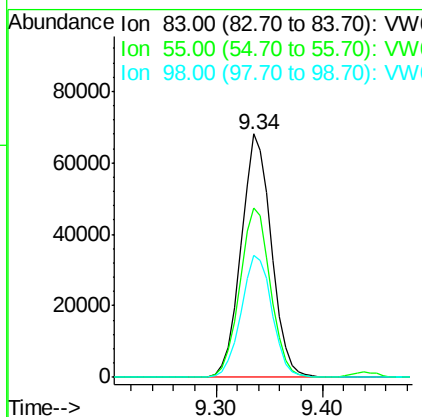
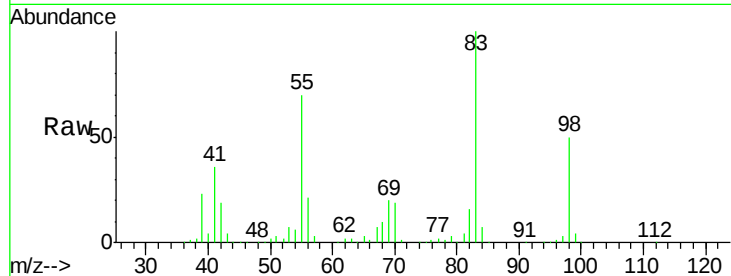
#39
Methvlcvclohexane
Concen: 50.940 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	57.0	85.6
98	49.9	39.9	59.9

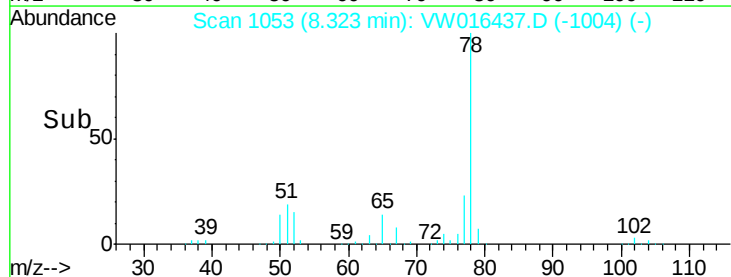
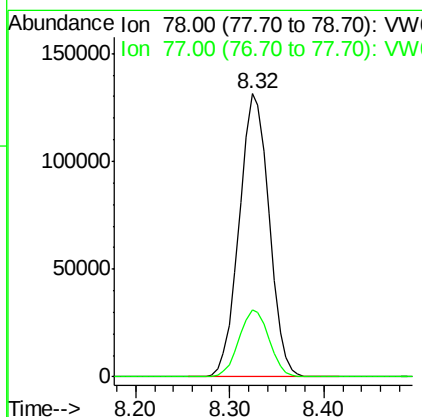
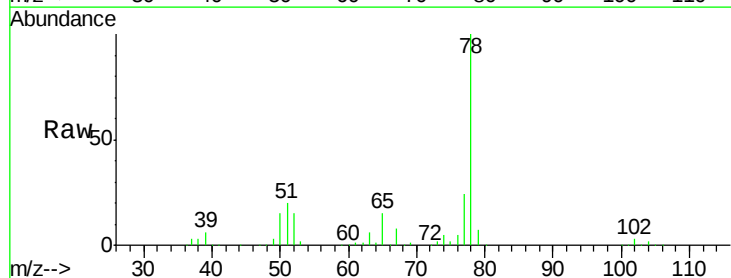
Manual Integrations
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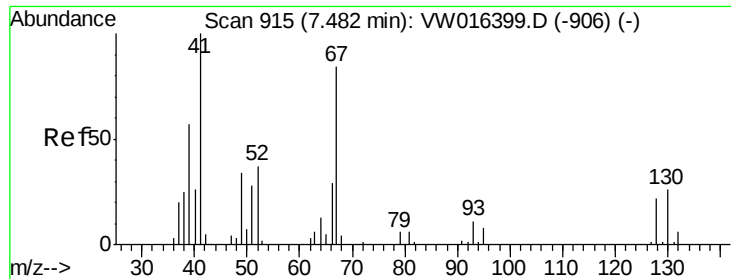
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#40
Benzene
Concen: 49.563 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	27.8





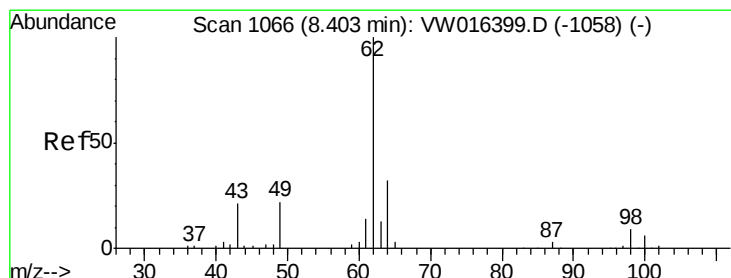
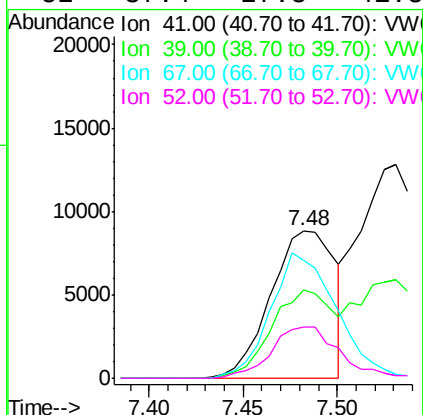
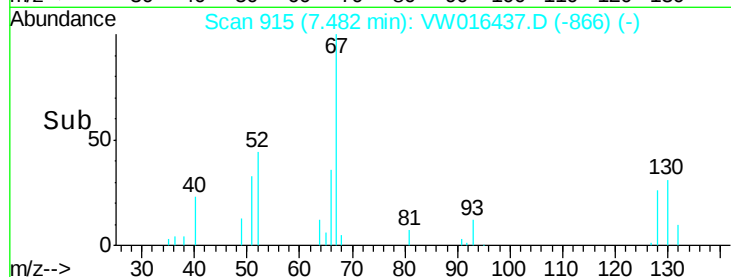
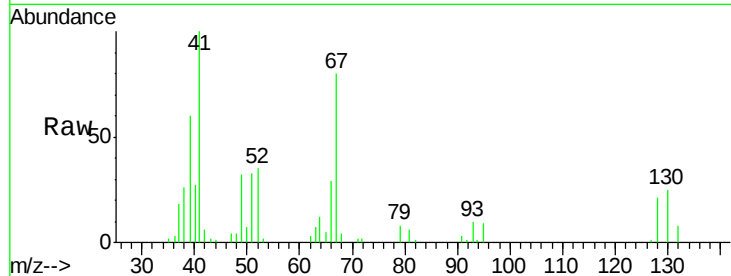
#41
Methacrylonitrile
Concen: 48.417 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
20802	41	100		
	39	57.6	45.4	68.2
	67	87.6	65.8	98.6
	52	37.4	27.8	41.8

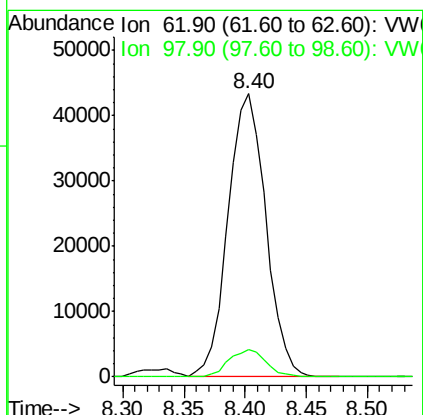
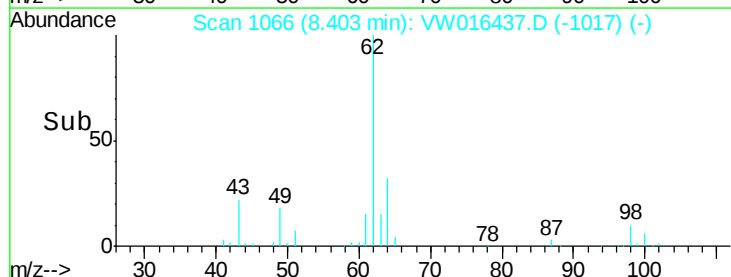
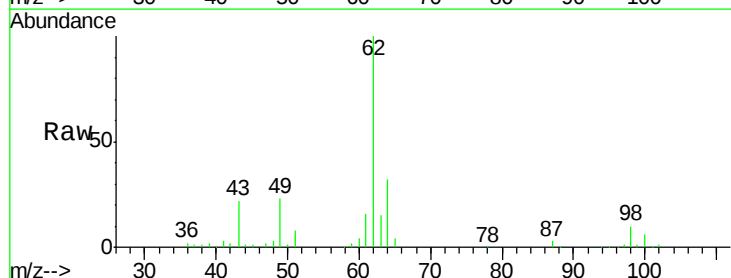
Manual Integrations
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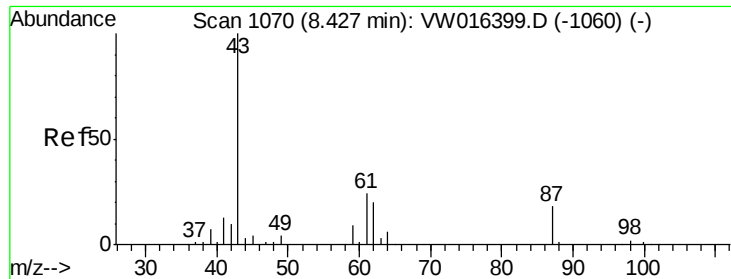
MMDadoda
9/2/2020 2:22:32 PM



#42
1,2-Dichloroethane
Concen: 51.616 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ion	Ratio	Lower	Upper
92845	62	100		
	98	9.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 48.702 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 72523

Ion Ratio Lower Upper

43 100

61 35.3 27.5 41.3

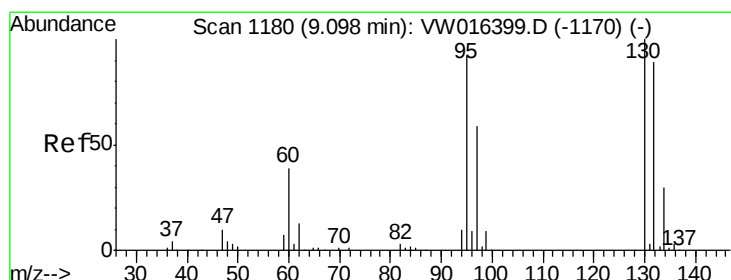
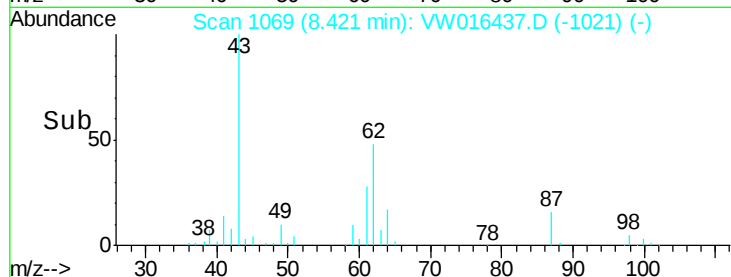
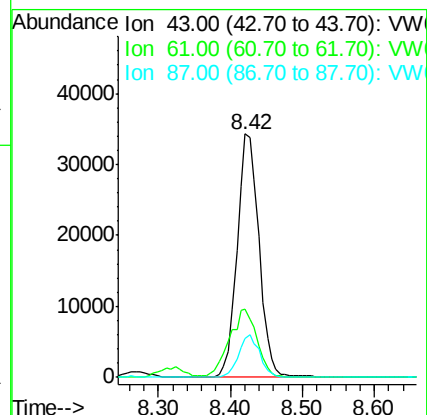
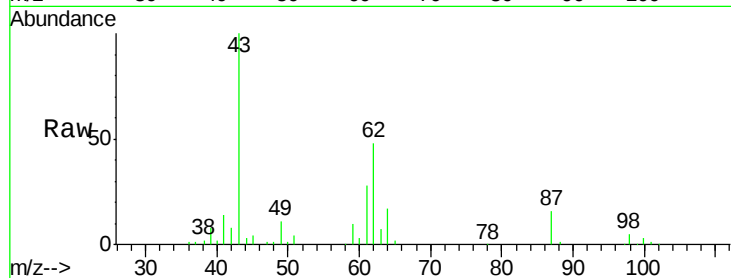
87 16.6 13.5 20.3

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#44

Trichloroethene

Concen: 49.450 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016437.D

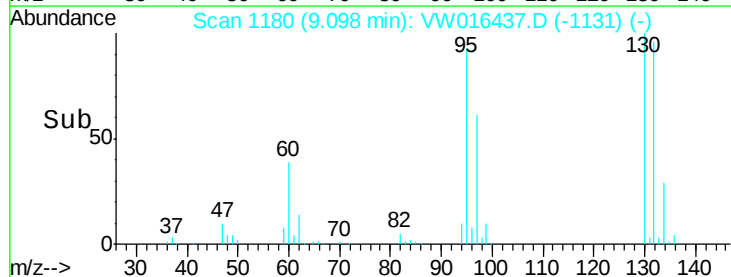
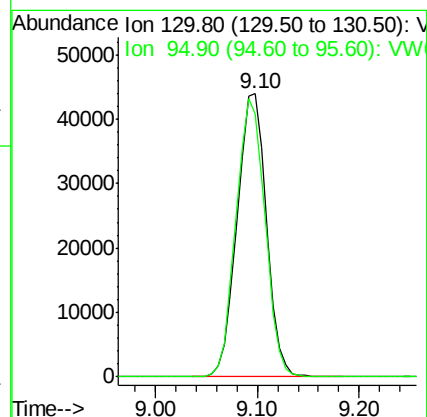
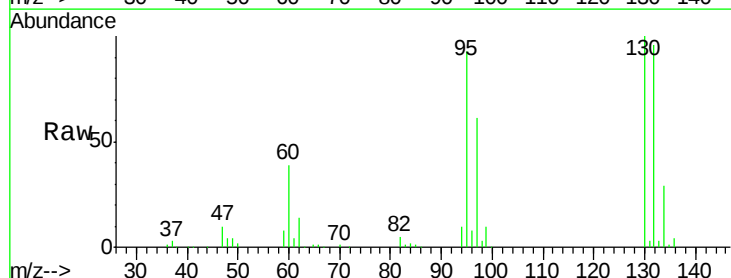
Acq: 01 Sep 2020 17:29

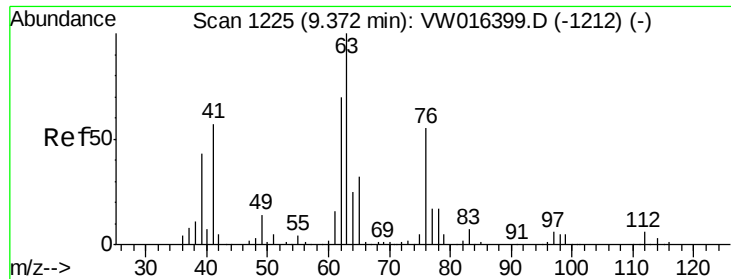
Tgt Ion: 130 Resp: 87254

Ion Ratio Lower Upper

130 100

95 92.7 0.0 183.4





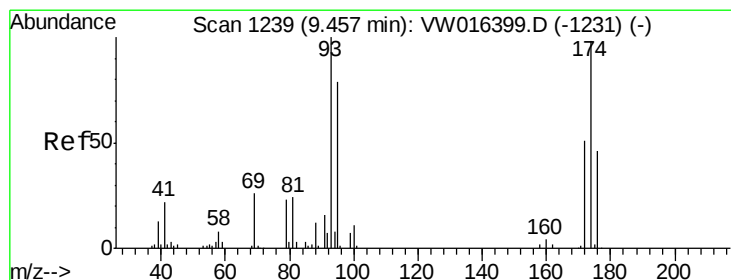
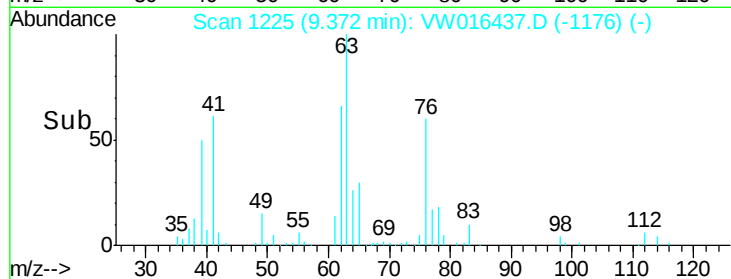
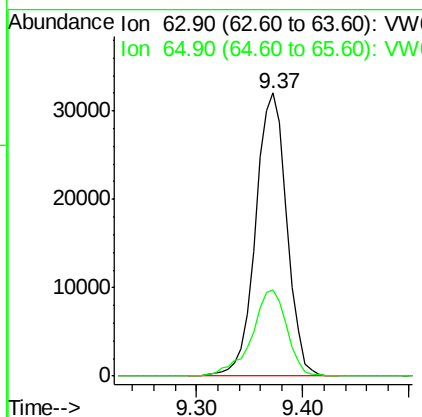
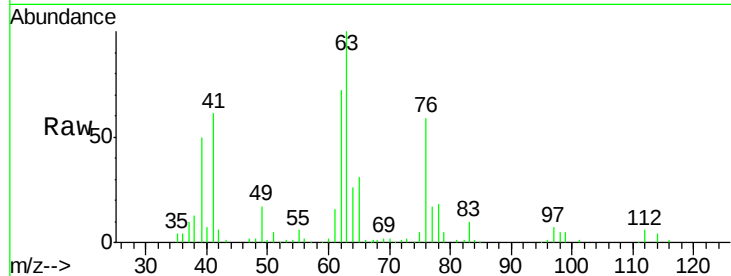
#45
 1,2-Dichloropropane
 Concen: 48.025 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 65700
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.0

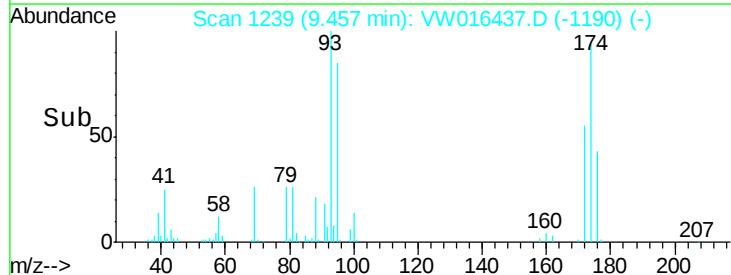
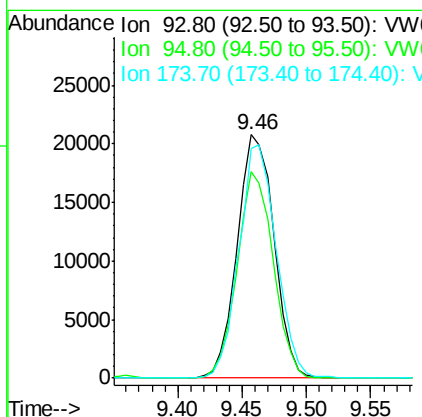
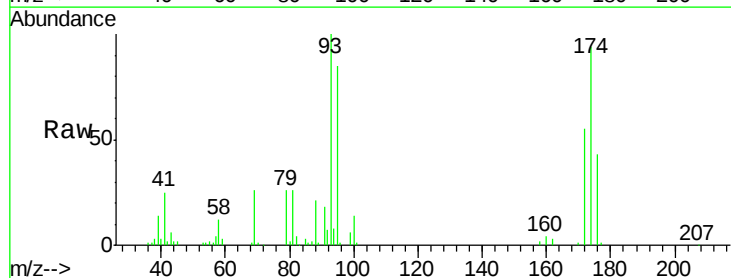
Manual Integrations
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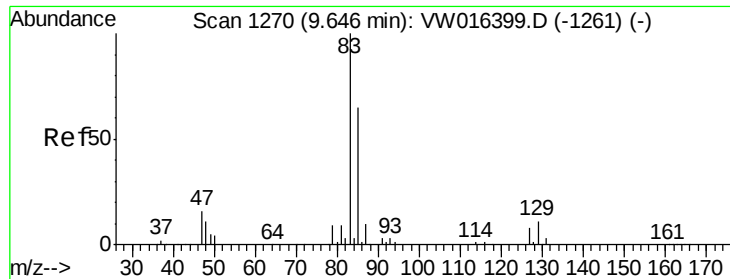
MMDadoda
 9/2/2020 2:22:32 PM



#46
 Dibromomethane
 Concen: 50.653 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Tgt Ion: 93 Resp: 41171
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.3 97.9
 174 97.2 80.1 120.1





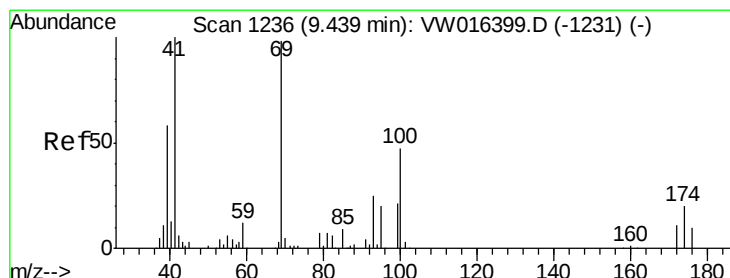
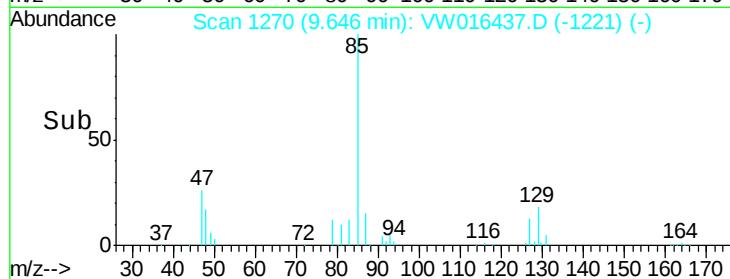
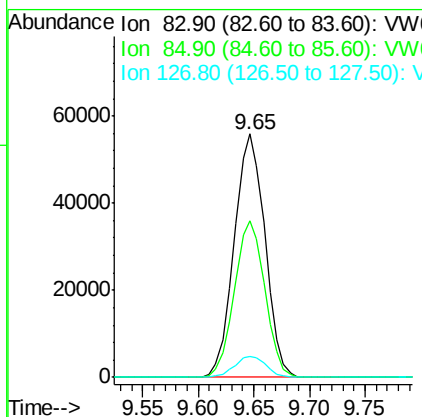
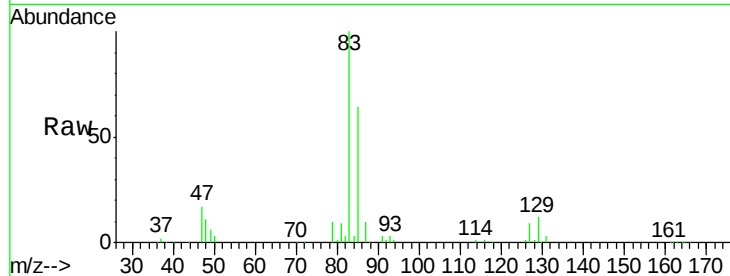
#47
Bromodichloromethane
Concen: 50.897 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.3	52.2	78.2	
127	8.6	6.8	10.2	

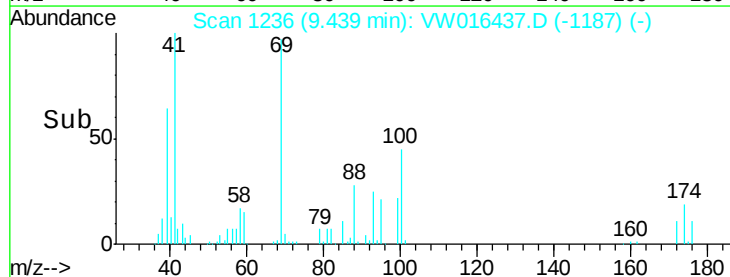
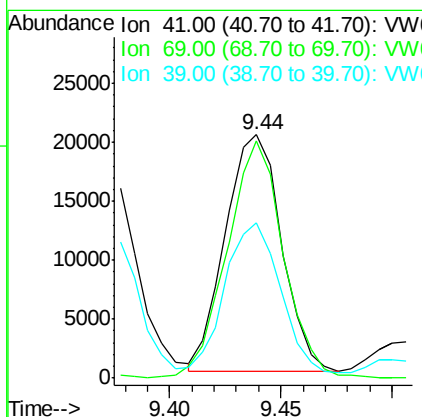
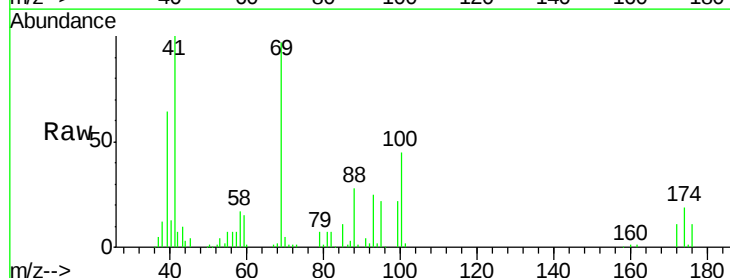
Manual Integrations
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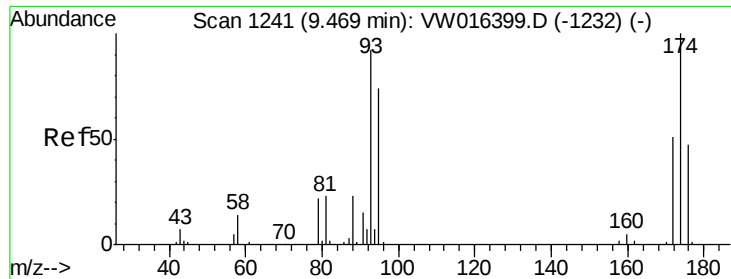
MMDadoda
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#48
Methyl methacrylate
Concen: 49.539 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	101.2	83.5	125.3	
39	62.6	48.7	73.1	





#49

1,4-Dioxane

Concen: 1153.396 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.02 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

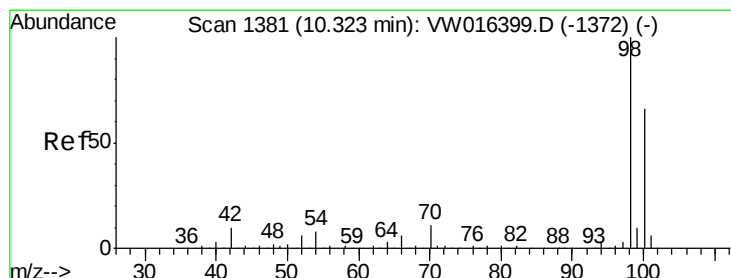
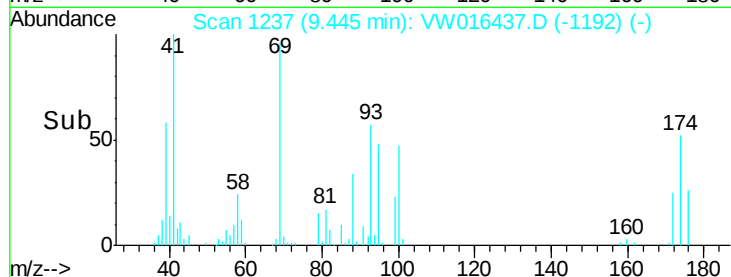
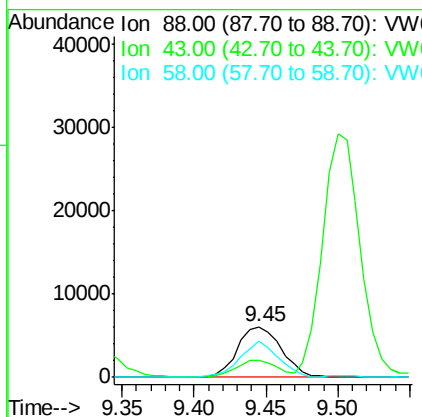
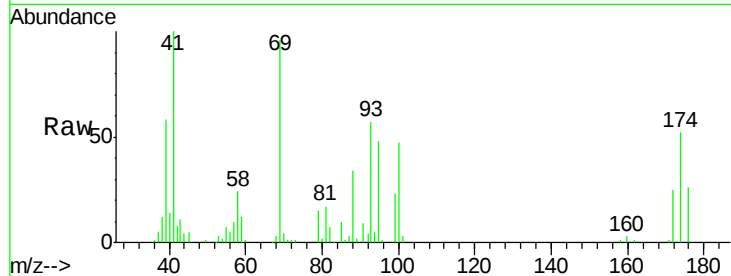
ClientSampleId :

VSTDCCC050EC

Tot Ion	88	Resp	12770
Ion	Ratio	Lower	Upper
88	100		
43	31.1	0.0	0.0#
58	63.5	53.5	80.3

Manual Integrations
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#50

Toluene-d8

Concen: 52.633 ug/l

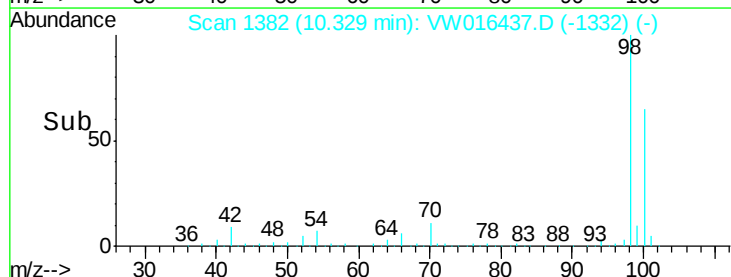
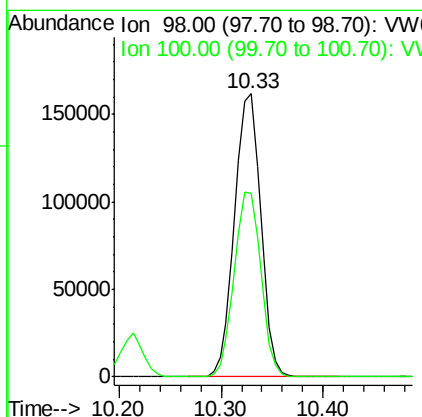
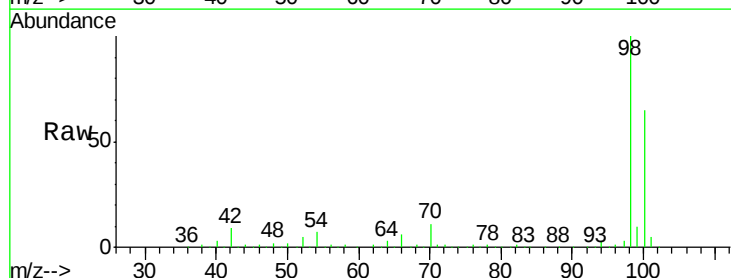
RT: 10.33 min Scan# 1382

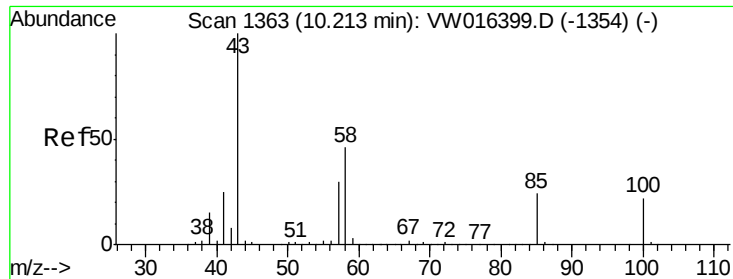
Delta R.T. 0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Tgt Ion	98	Resp	288743
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 253.480 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 186642

Ion Ratio Lower Upper

43 100

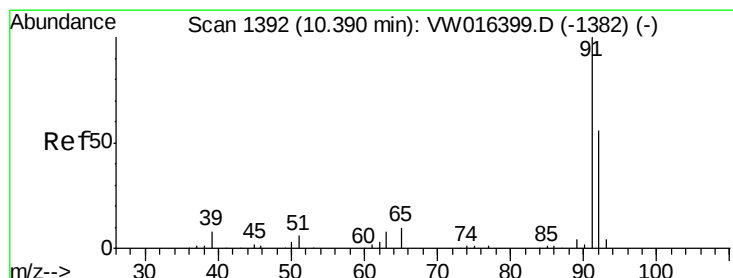
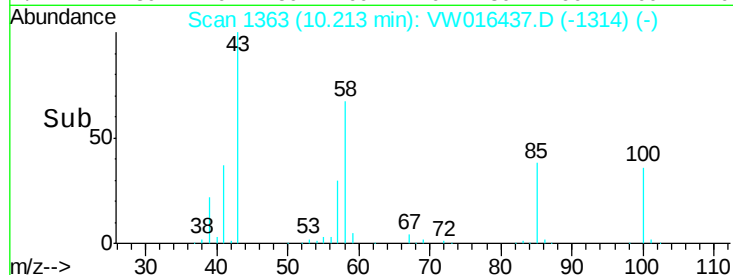
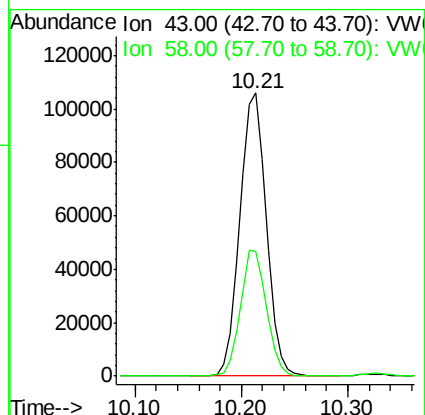
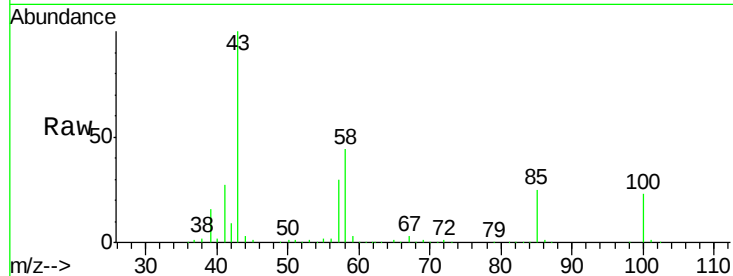
58 43.7 35.4 53.0

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#52

Toluene

Concen: 50.975 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016437.D

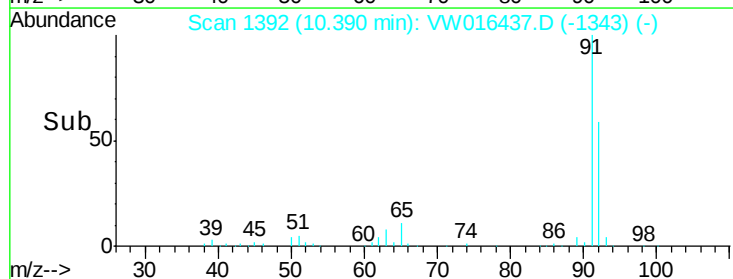
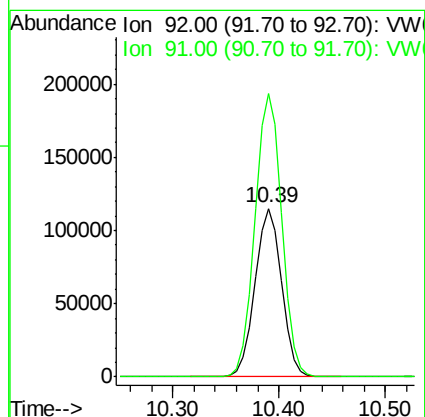
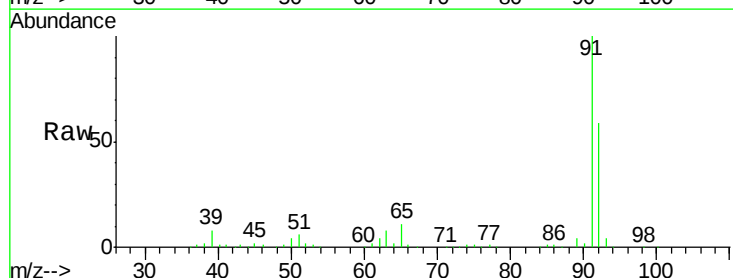
Acq: 01 Sep 2020 17:29

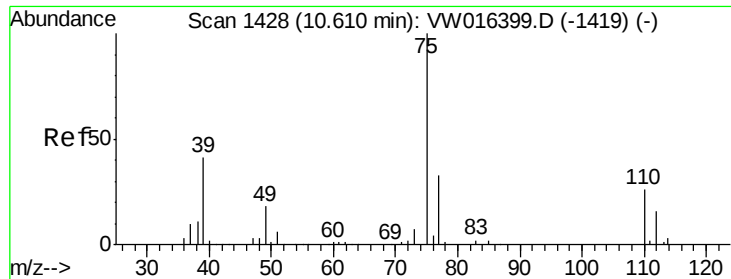
Tgt Ion: 92 Resp: 201544

Ion Ratio Lower Upper

92 100

91 169.6 137.1 205.7





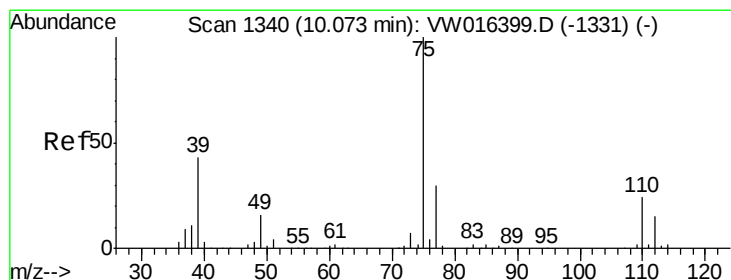
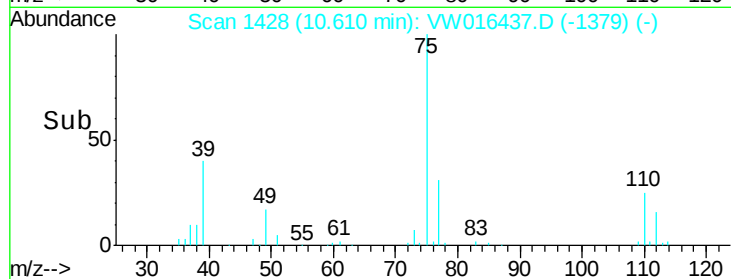
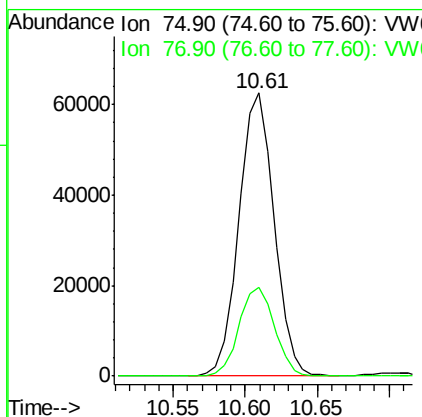
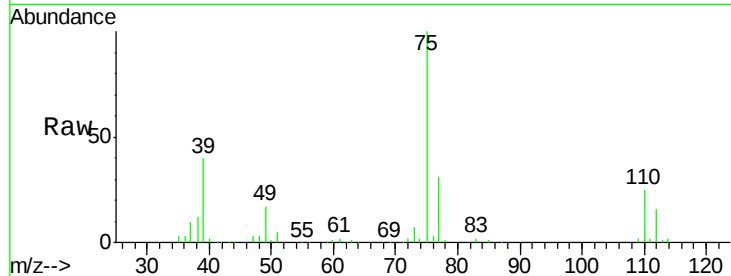
#53
t-1,3-Dichloropropene
Concen: 51.876 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.1	39.1

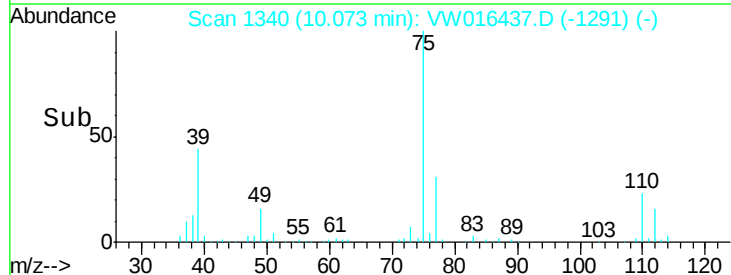
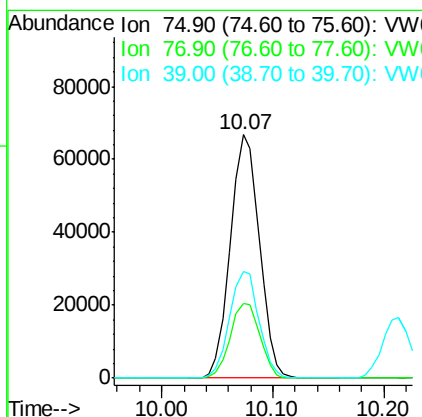
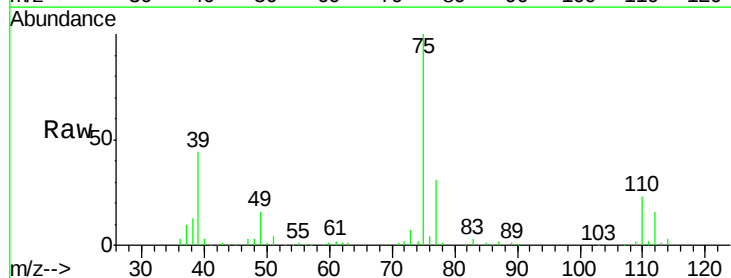
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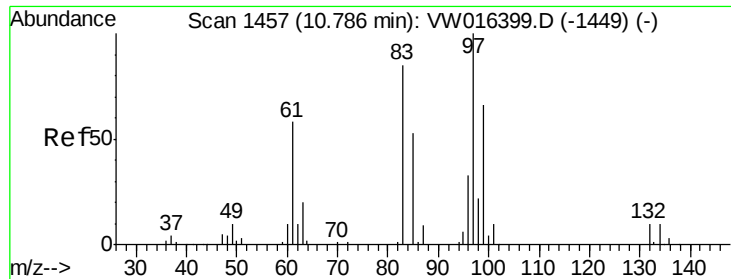
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#54
cis-1,3-Dichloropropene
Concen: 50.937 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.4	36.6
39	44.0	34.6	51.8





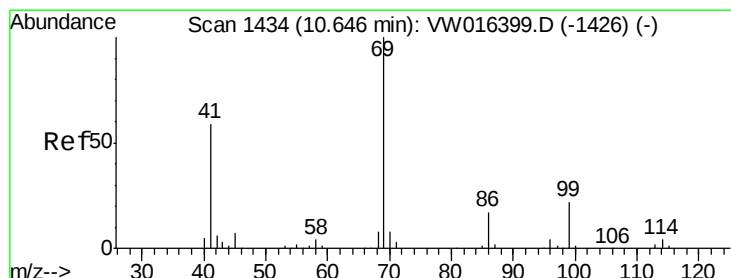
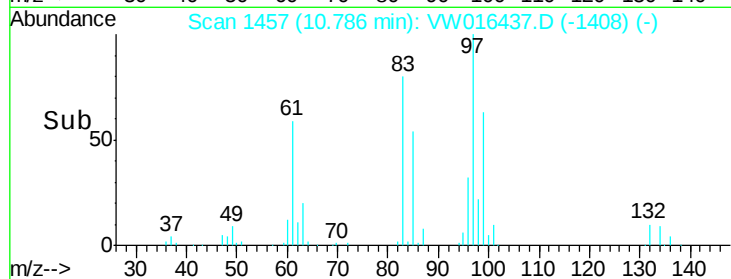
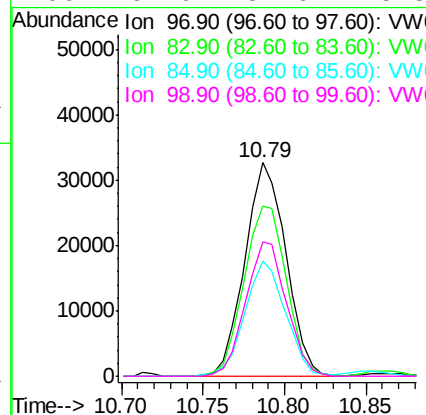
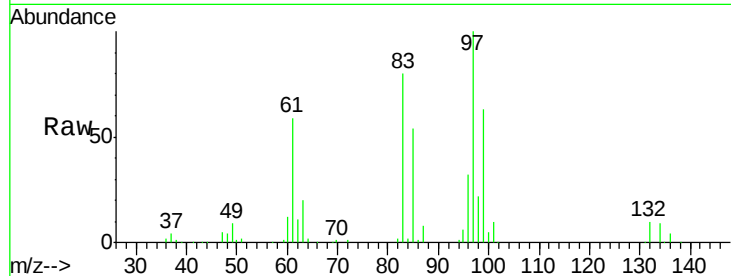
#55
 1,1,2-Trichloroethane
 Concen: 49.463 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		57322		
83	79.8	68.0	102.0		
85	53.8	42.2	63.2		
99	62.9	52.6	78.8		

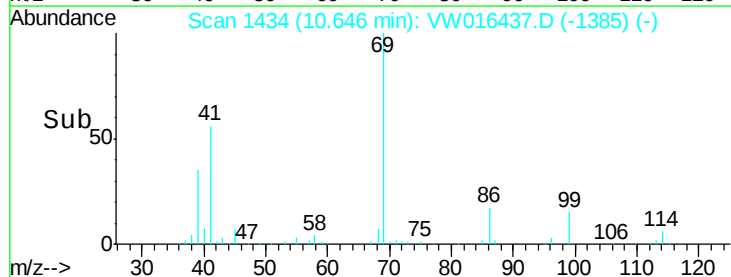
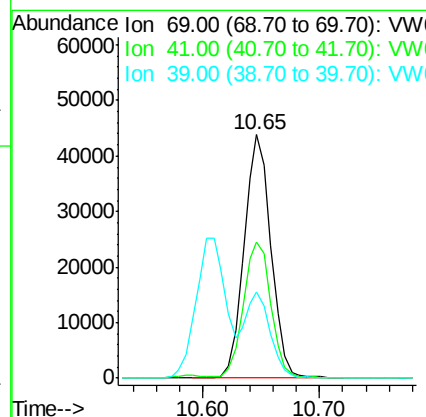
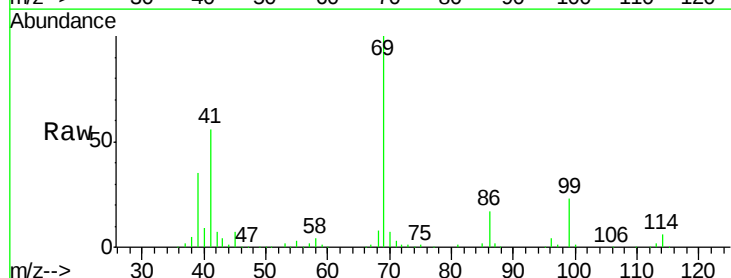
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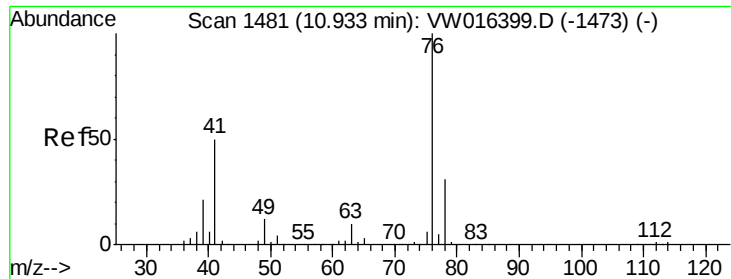
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 9/2/2020 2:22:32 PM



#56
 Ethyl methacrylate
 Concen: 51.812 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		70166		
41	56.8	46.5	69.7		
39	33.8	26.2	39.2		





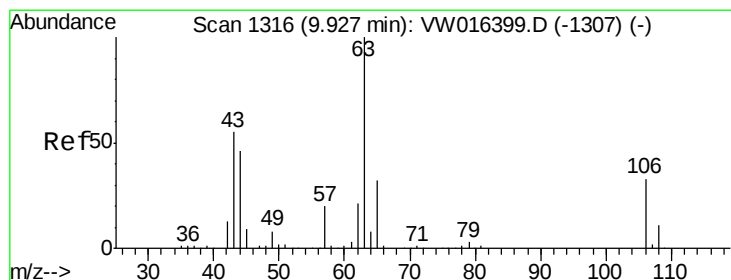
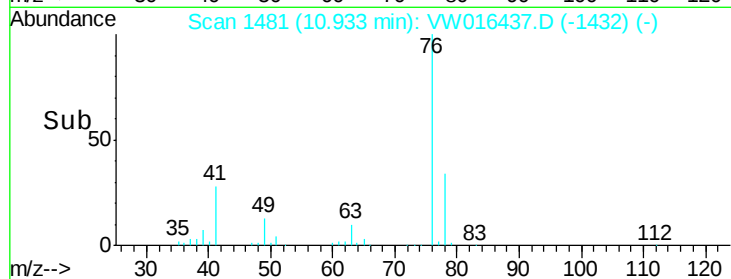
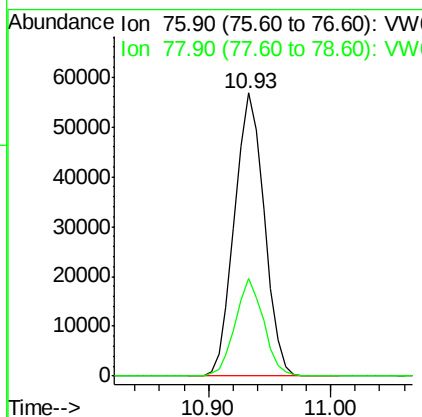
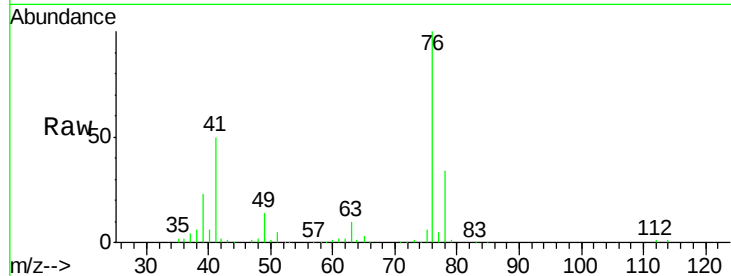
#57
 1,3-Dichloropropane
 Concen: 49.782 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 95859
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1

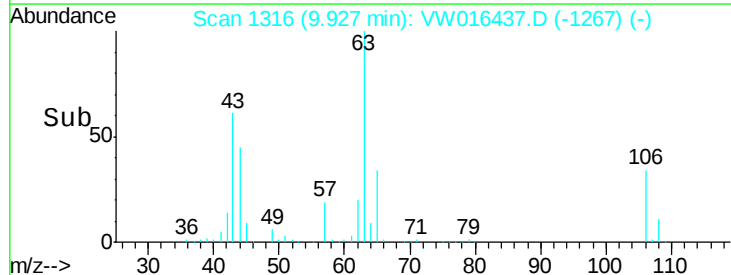
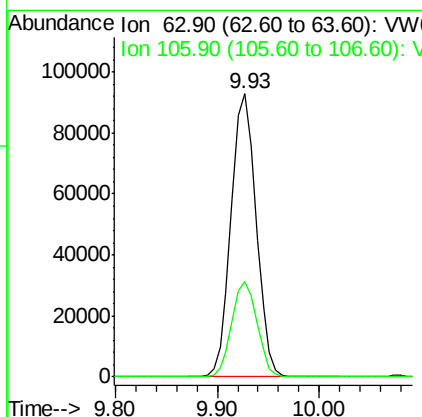
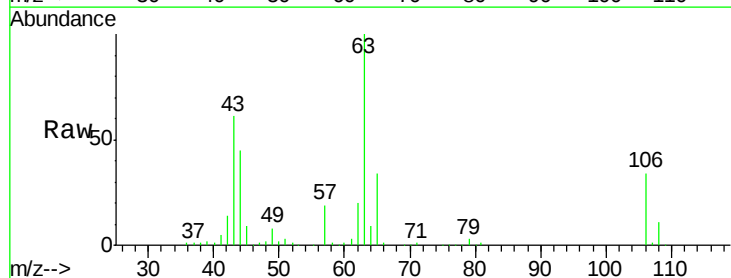
Manual Integrations
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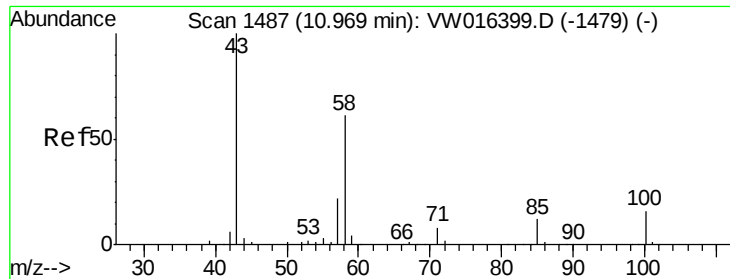
MMDadoda
 9/2/2020 2:22:32 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.569 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Tgt Ion: 63 Resp: 157838
 Ion Ratio Lower Upper
 63 100
 106 33.8 26.6 40.0





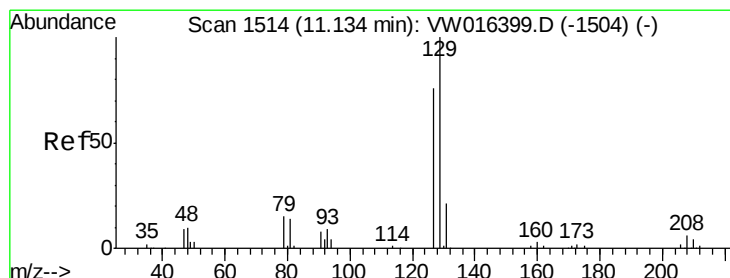
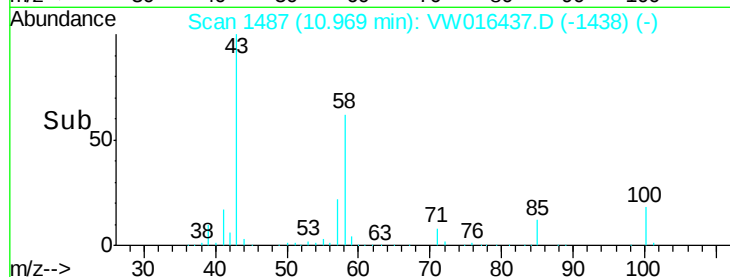
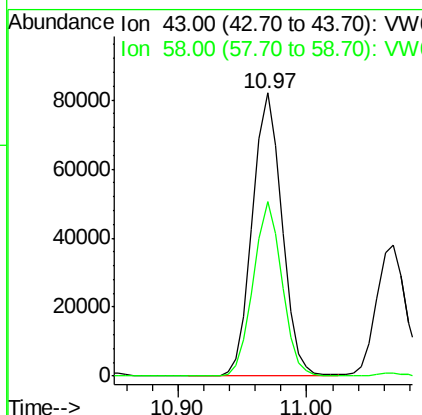
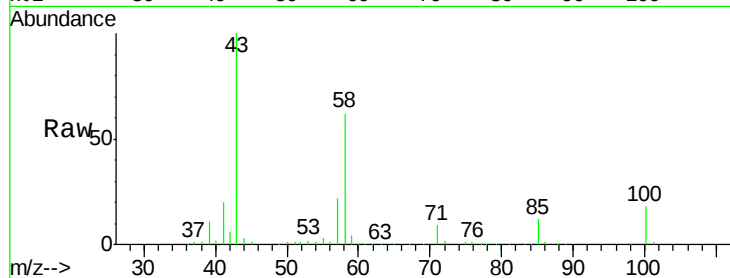
#59
2-Hexanone
Concen: 258.748 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 129981
Ion Ratio Lower Upper
43 100
58 59.9 29.7 89.1

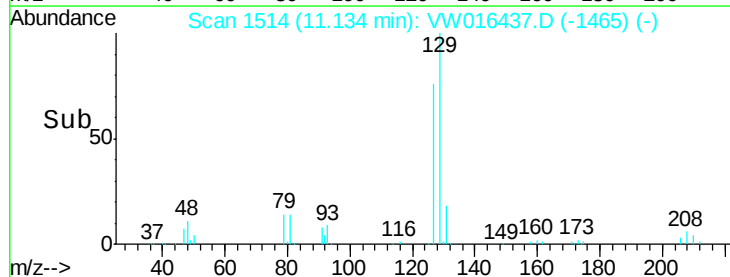
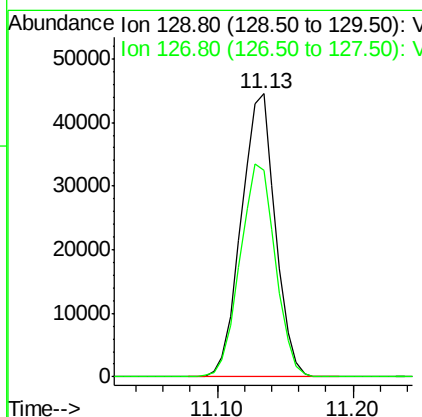
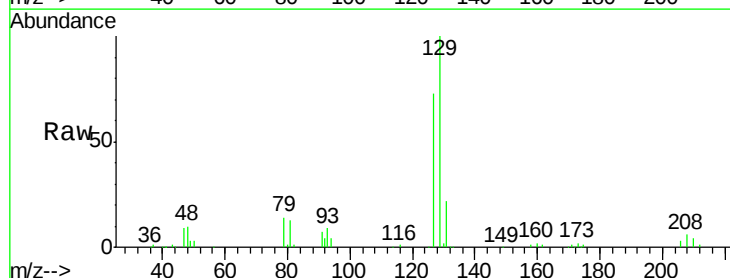
Manual Integrations
APPROVED

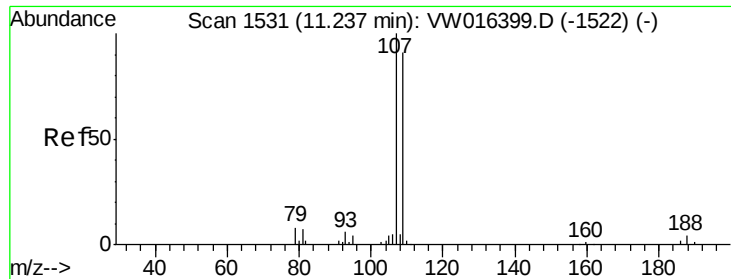
MMDadoda
9/2/2020 2:22:32 PM



#60
Dibromochloromethane
Concen: 53.133 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion: 129 Resp: 77858
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7





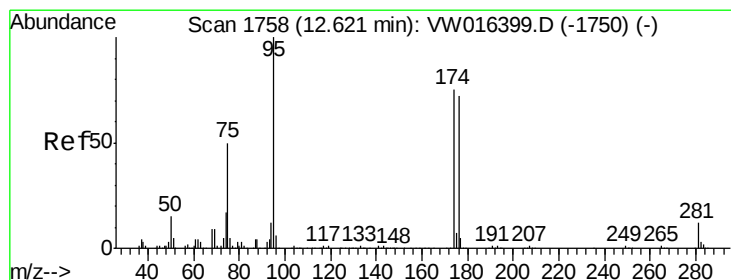
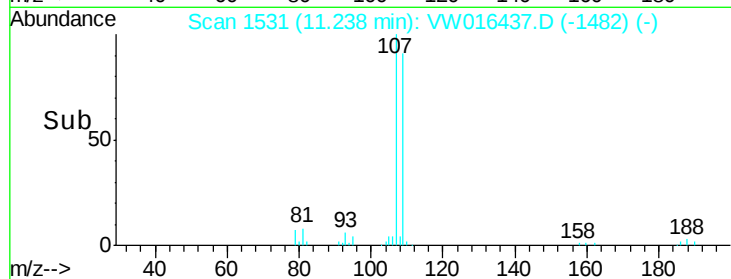
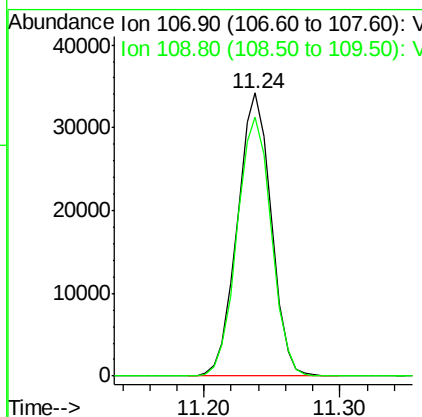
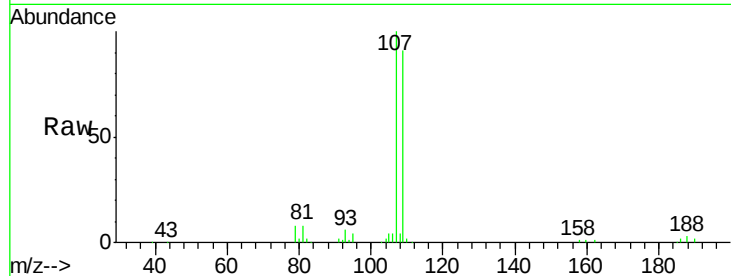
#61
 1,2-Dibromoethane
 Concen: 52.153 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	74.5	111.7

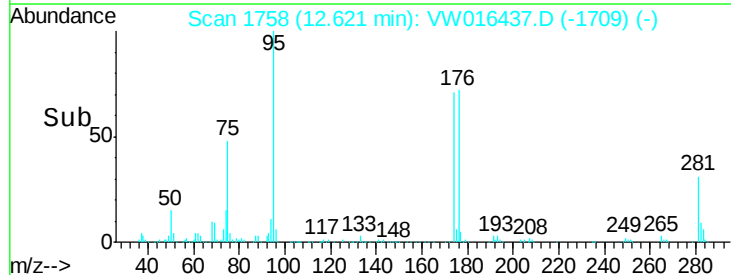
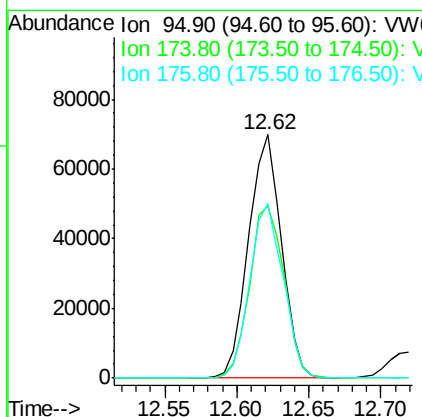
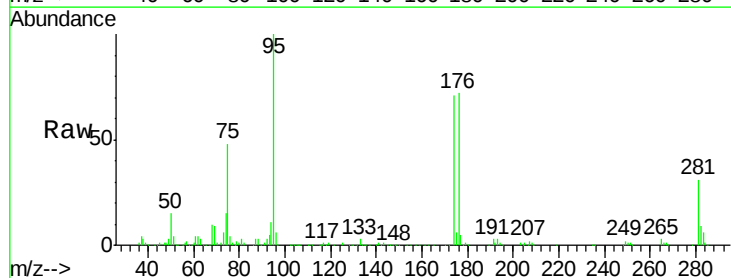
Manual Integrations
 APPROVED

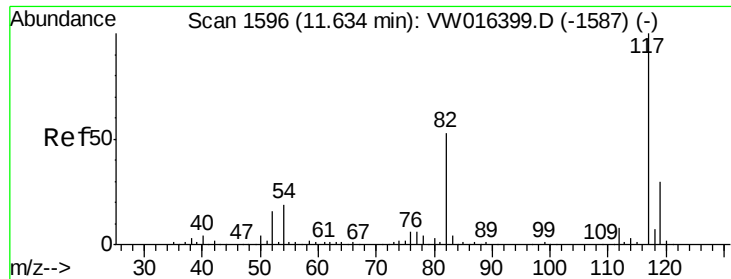
MMDadoda
 9/2/2020 2:22:32 PM



#62
 4-Bromofluorobenzene
 Concen: 53.509 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	152.0
176	72.8	0.0	145.6





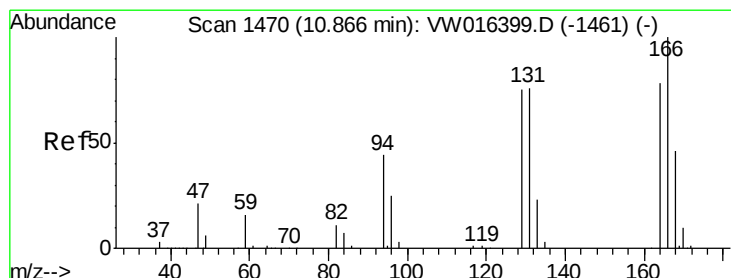
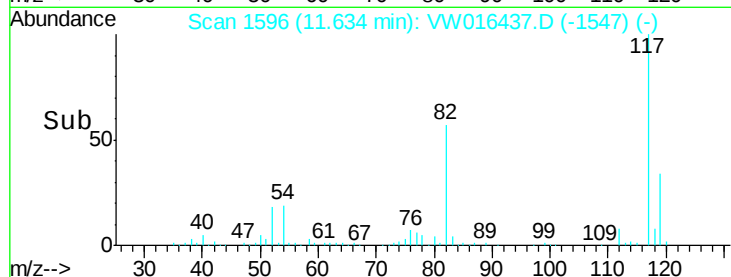
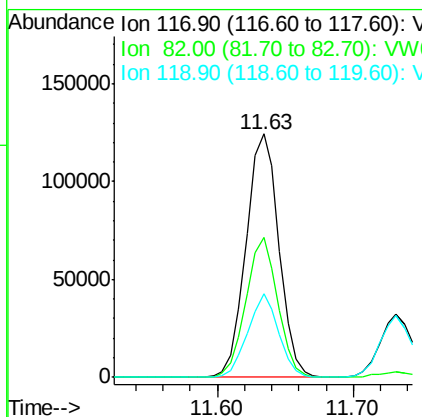
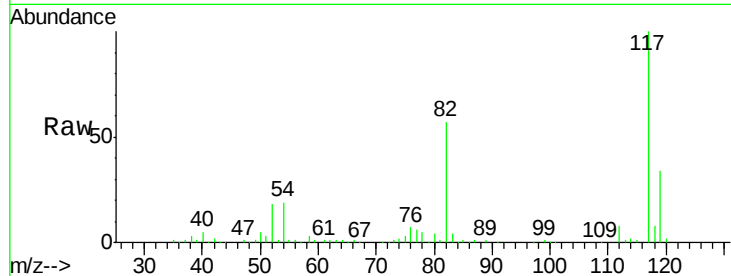
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	42.2	63.4
119	34.1	24.2	36.4

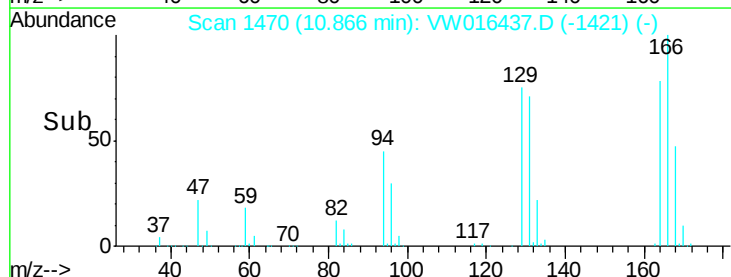
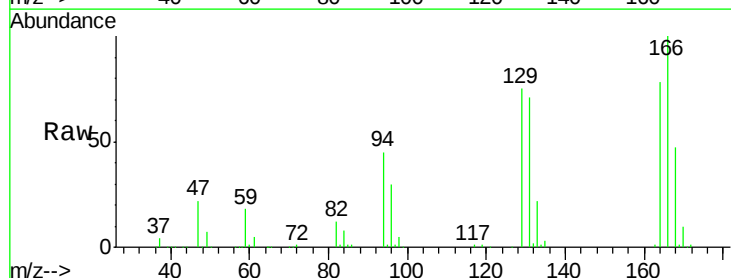
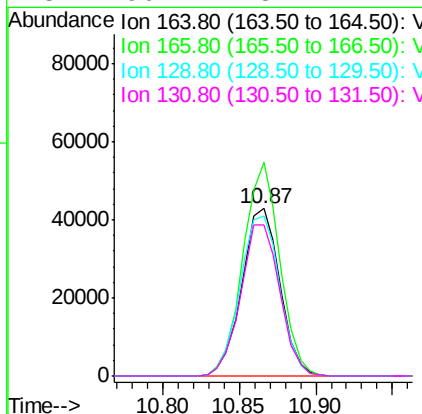
Manual Integrations
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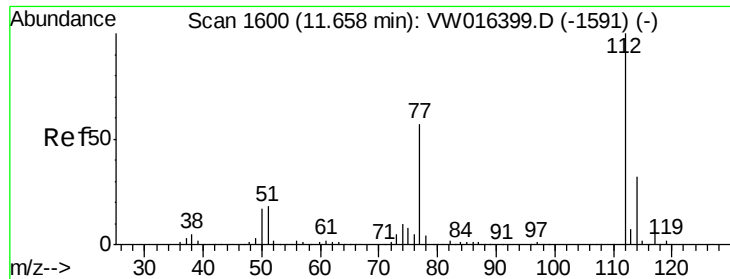
MMDadoda
9/2/2020 2:22:32 PM



#64
Tetrachloroethene
Concen: 51.134 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	103.1	154.7
129	95.4	77.3	115.9
131	90.7	78.2	117.2





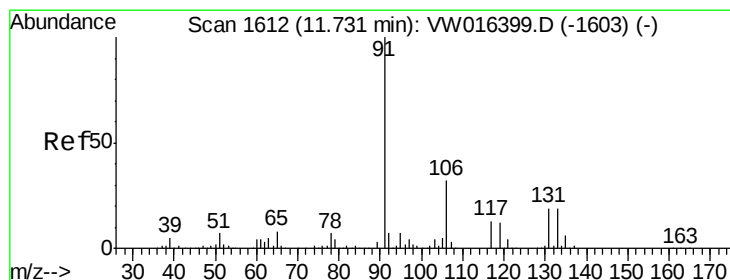
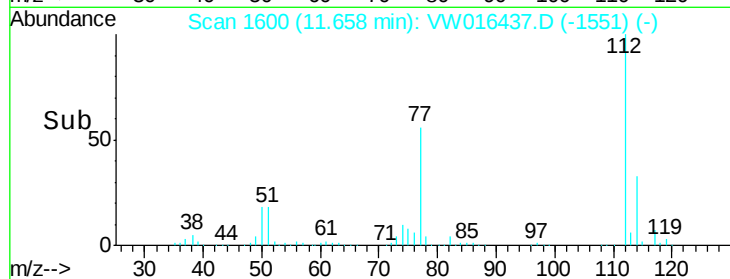
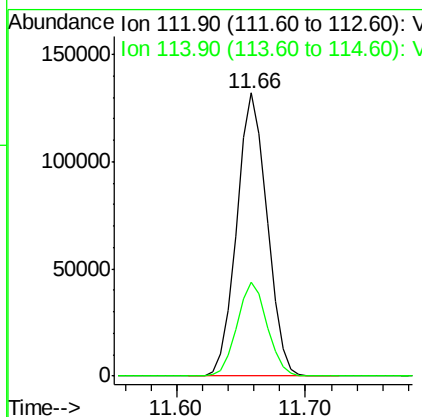
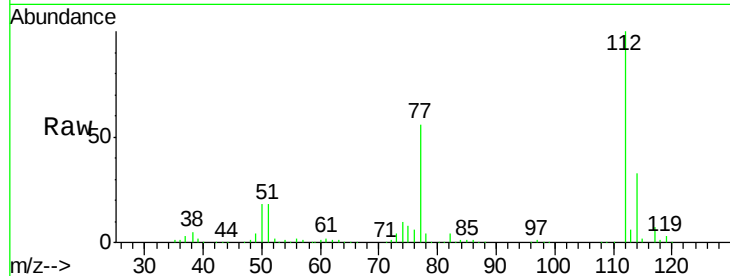
#65
Chlorobenzene
Concen: 49.610 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 214922
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2

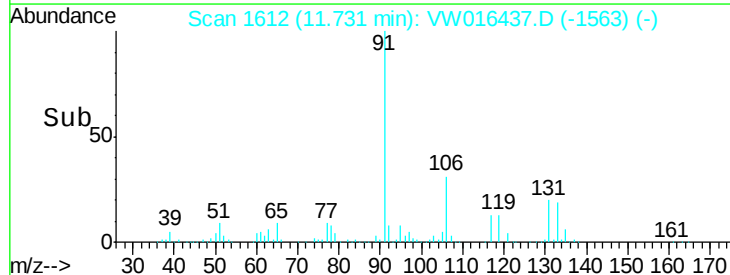
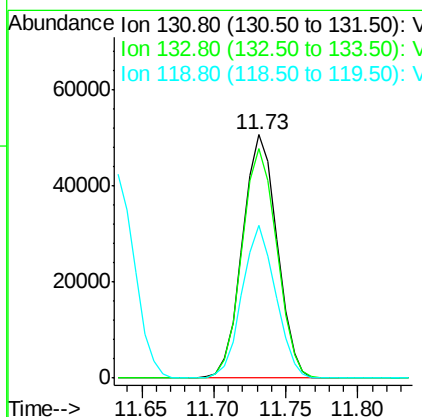
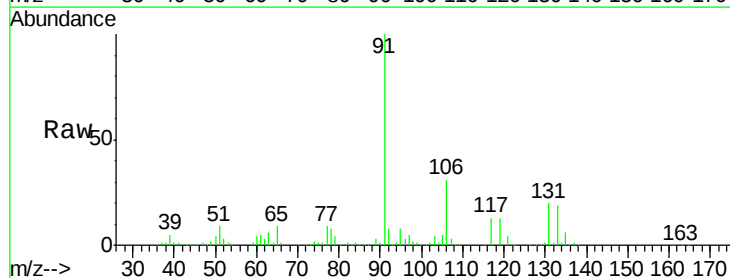
Manual Integrations
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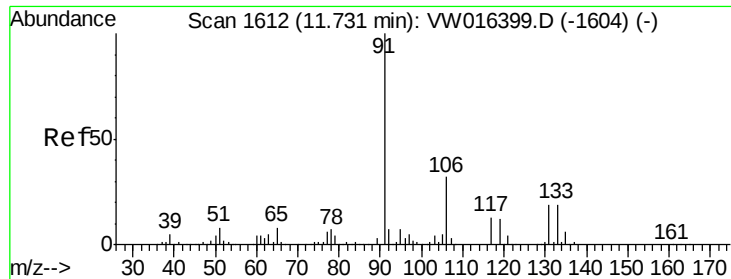
MMDadoda
9/2/2020 2:22:32 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.478 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion:131 Resp: 84181
Ion Ratio Lower Upper
131 100
133 94.9 46.9 140.6
119 61.2 31.6 95.0





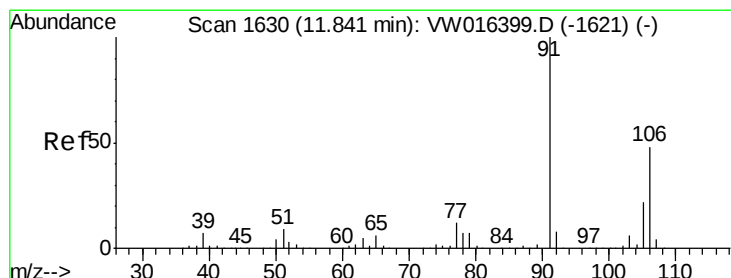
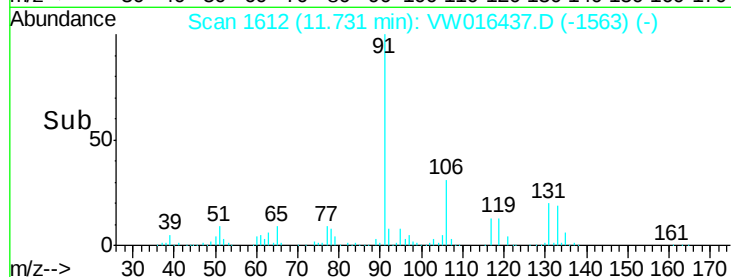
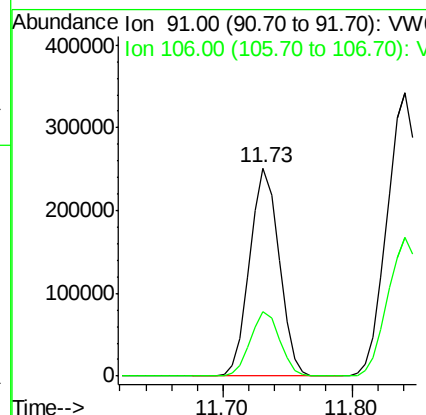
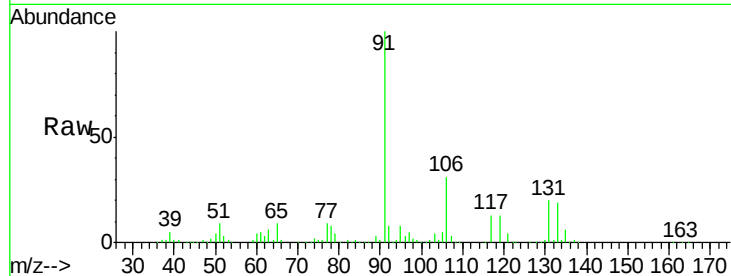
#67
Ethyl Benzene
Concen: 51.357 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 397208
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9

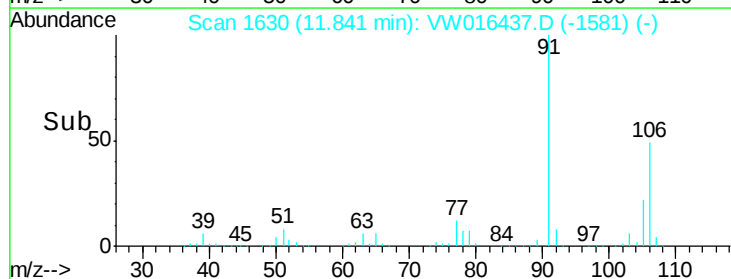
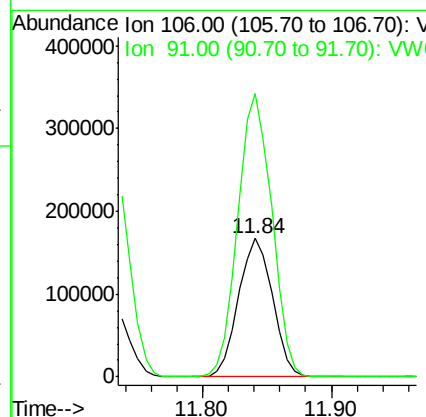
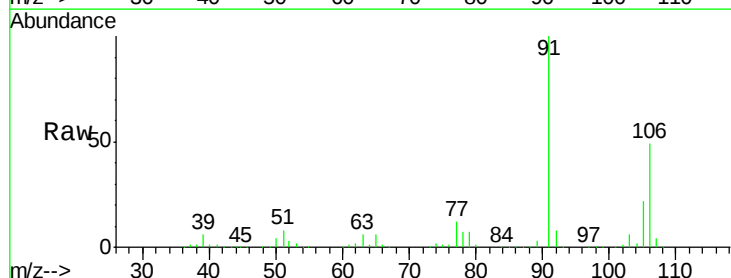
Manual Integrations
APPROVED

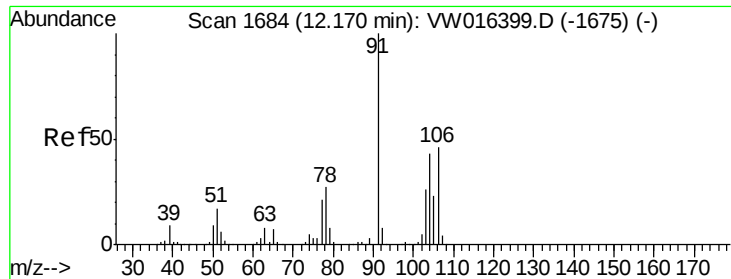
MMDadoda
9/2/2020 2:22:32 PM



#68
m/p-Xylenes
Concen: 103.953 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion: 106 Resp: 306960
Ion Ratio Lower Upper
106 100
91 204.7 167.7 251.5





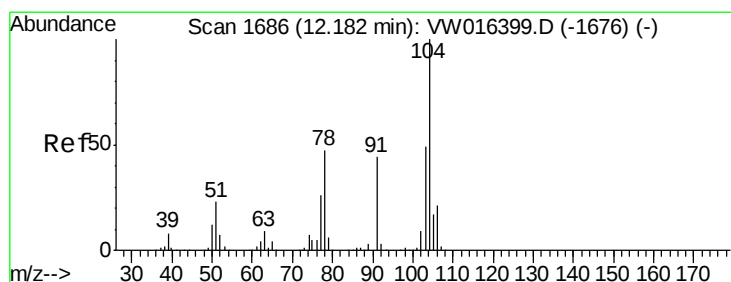
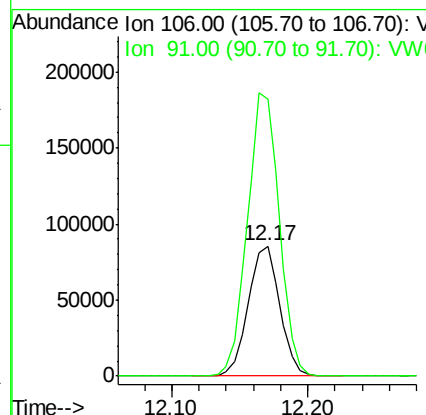
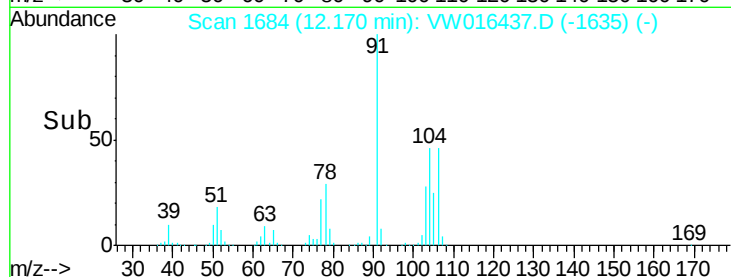
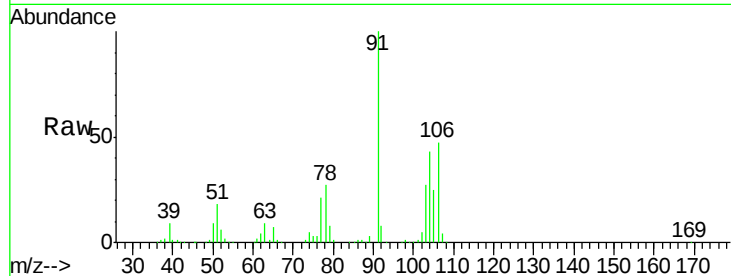
#69
o-Xylene
Concen: 51.114 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.5	111.7	334.9

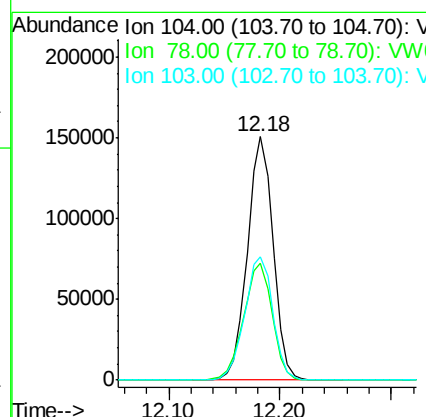
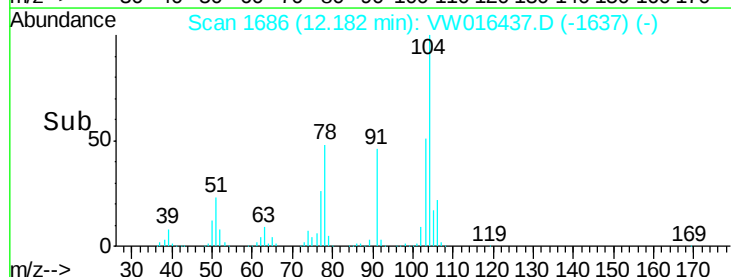
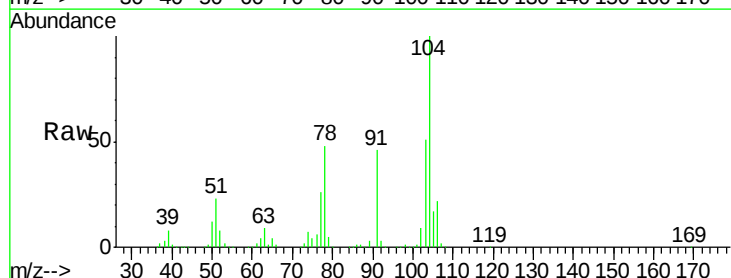
Manual Integrations
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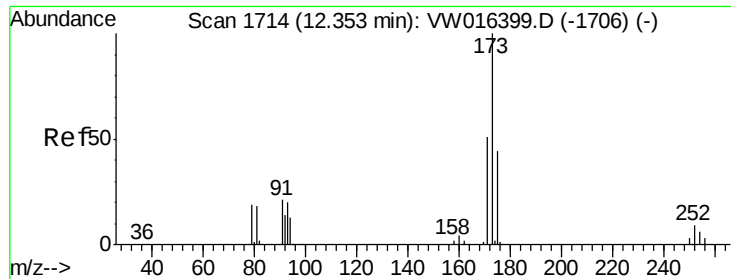
MMDadoda
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#70
Styrene
Concen: 52.151 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.1	41.7	62.5
103	55.5	42.9	64.3





#71

Bromoform

Concen: 53.370 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 43563

Ion Ratio Lower Upper

173 100

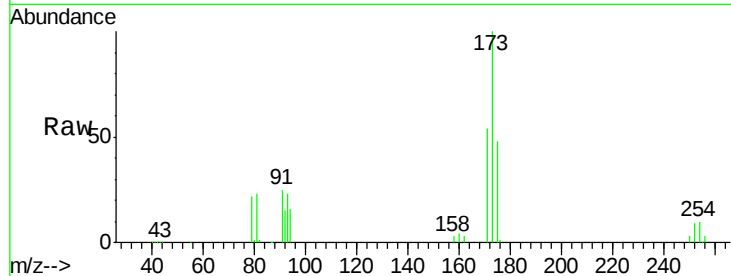
175 49.4 23.5 70.6

254 0.1 0.0 0.0#

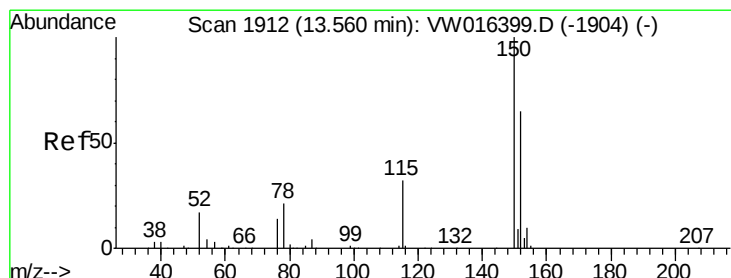
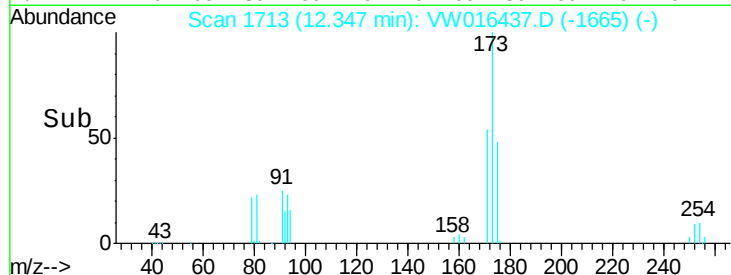
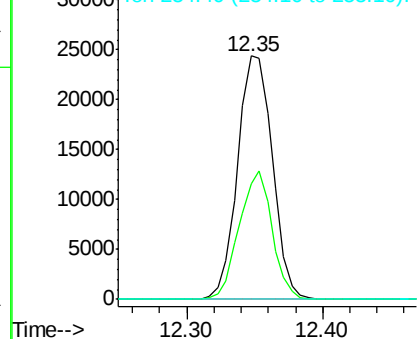
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

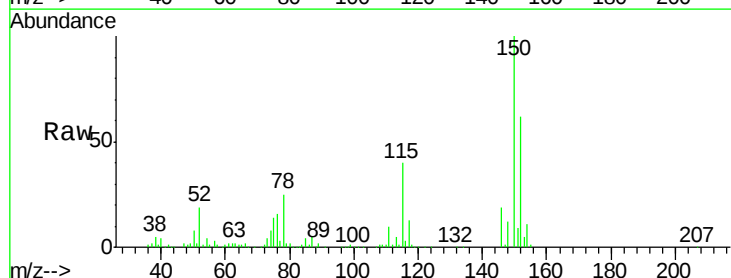
Tgt Ion:152 Resp: 105077

Ion Ratio Lower Upper

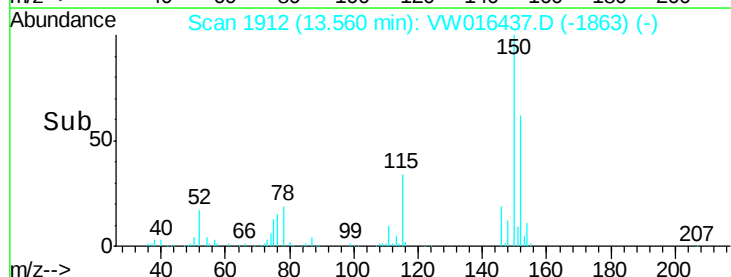
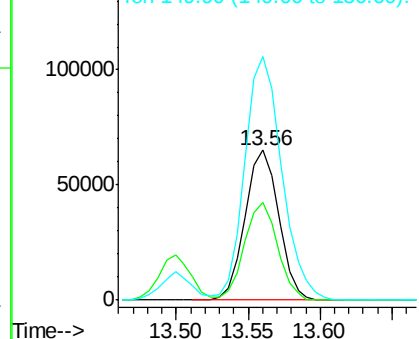
152 100

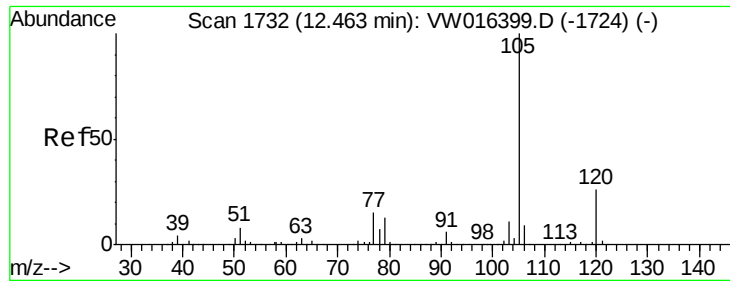
115 64.2 30.9 92.5

150 179.5 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





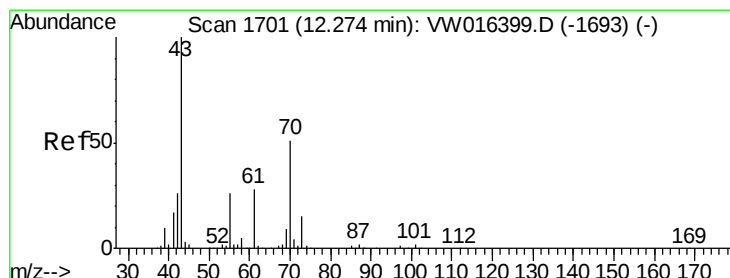
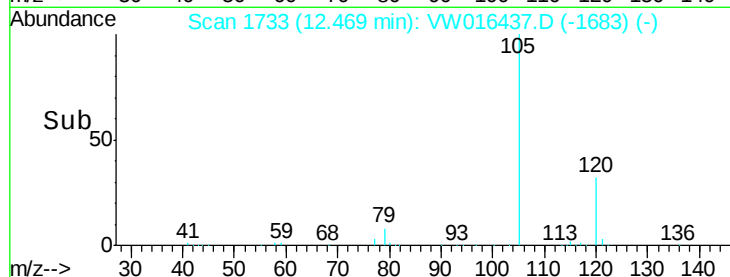
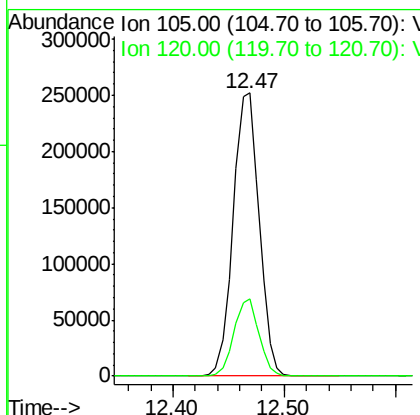
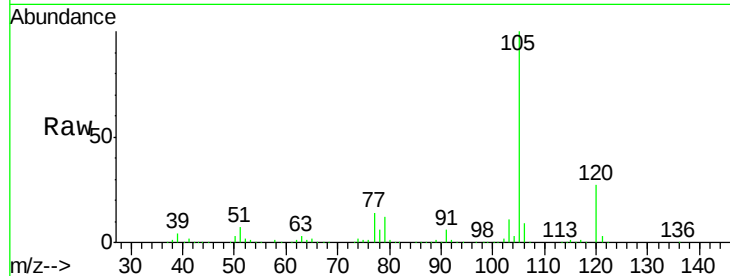
#73
Isopropylbenzene
Concen: 52.468 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	406521		
120	26.2	13.2	39.6	

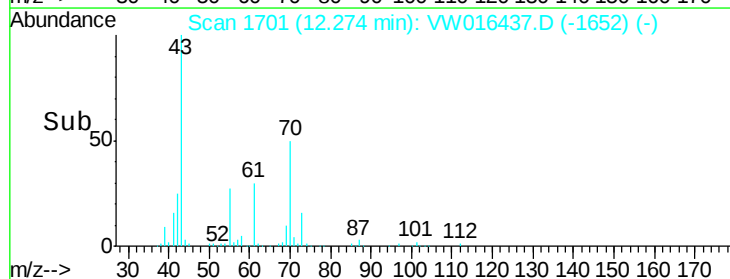
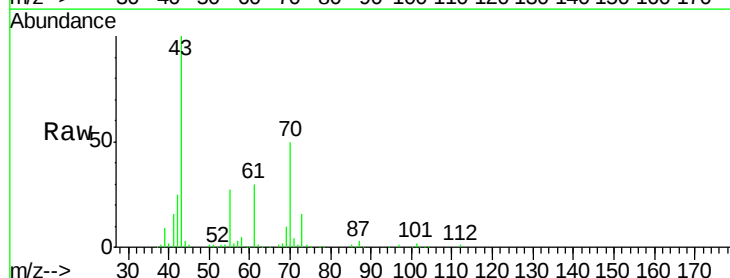
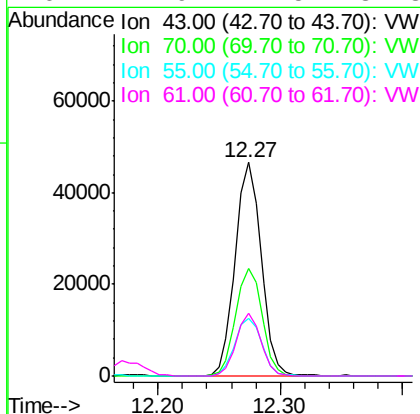
Manual Integrations
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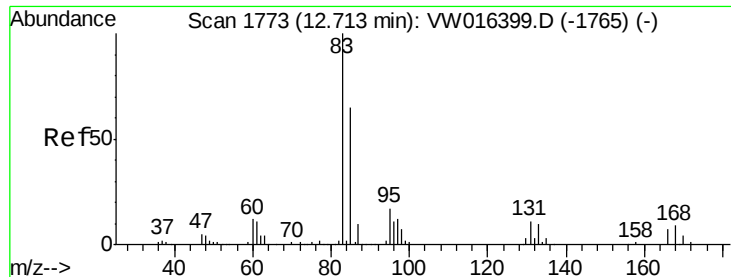
MMDadoda
9/2/2020 2:22:32 PM



#74
N-ethyl acetate
Concen: 50.720 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	68771		
70	51.2	40.8	61.2	
55	28.1	21.6	32.4	
61	27.9	21.5	32.3	





#75

1,1,2,2-Tetrachloroethane

Concen: 50.062 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

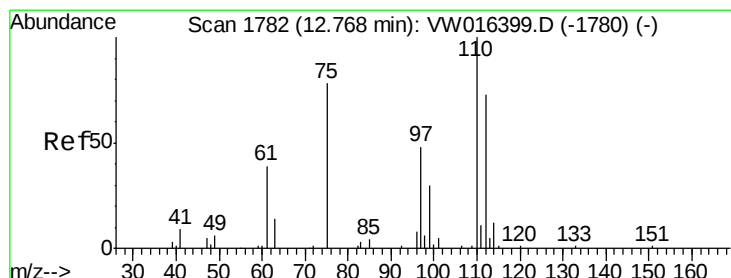
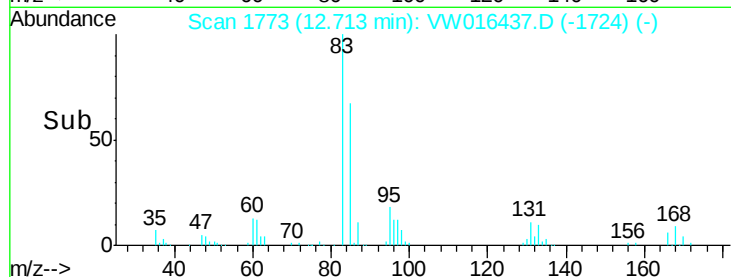
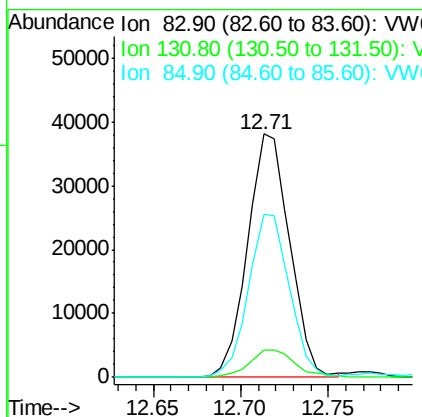
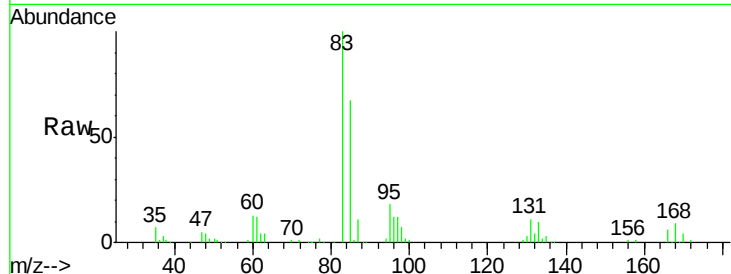
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	63853
Ion	Ratio	Lower	Upper
83	100		
131	12.1	5.9	17.8
85	65.1	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.244 ug/l m

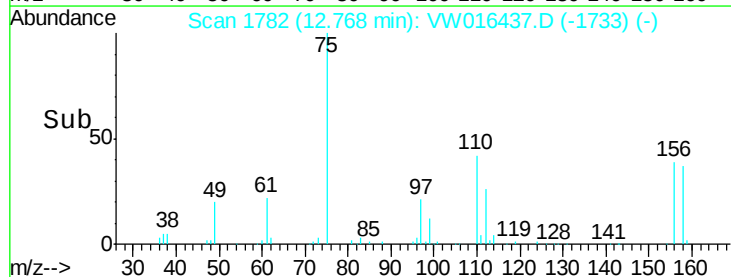
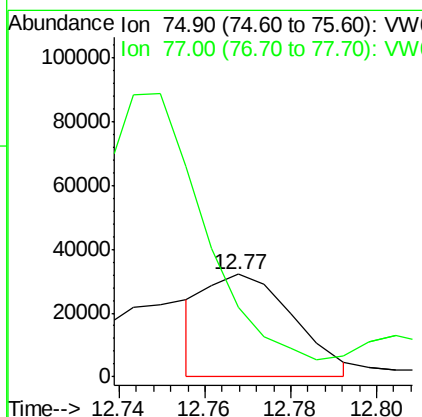
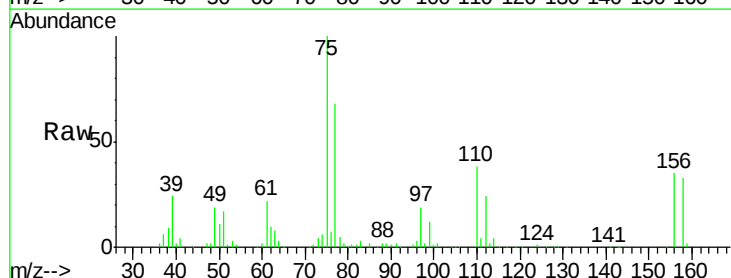
RT: 12.77 min Scan# 1782

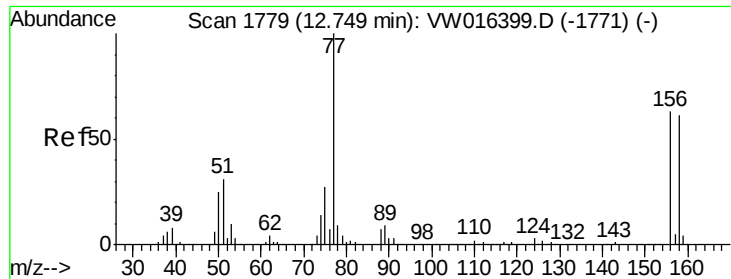
Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Tgt Ion:	75	Resp:	45755
Ion	Ratio	Lower	Upper
75	100		
77	356.3	173.4	520.2





#77

Bromobenzene

Concen: 50.061 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

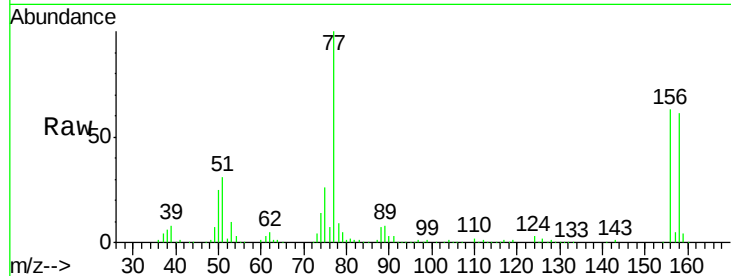
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	90169
Ion Ratio	Lower	Upper	
156	100		
77	180.8	90.0	269.9
158	98.2	47.3	141.8

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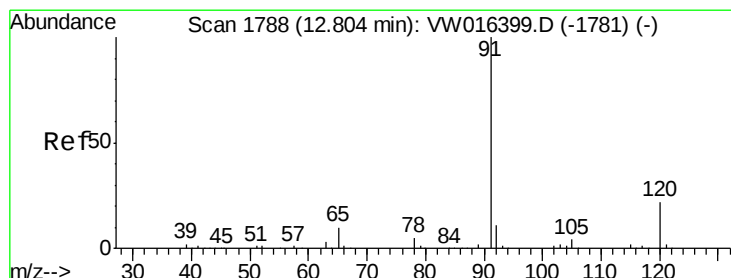
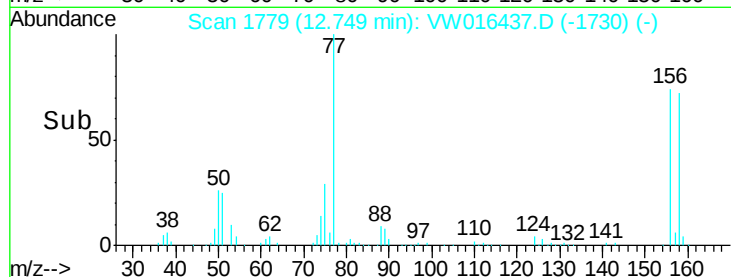
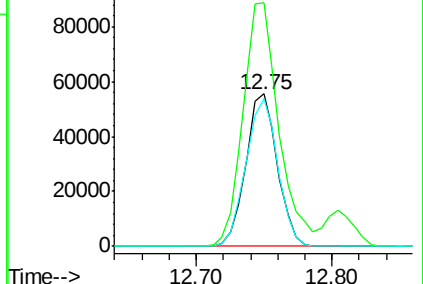
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.208 ug/l

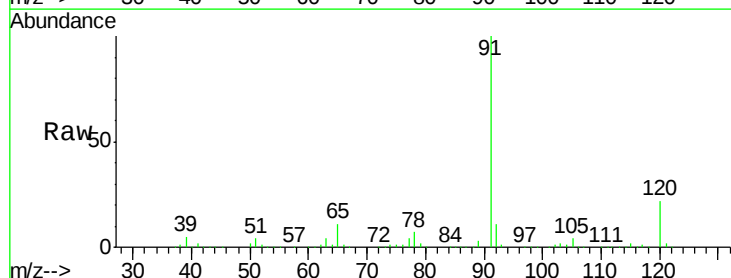
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016437.D

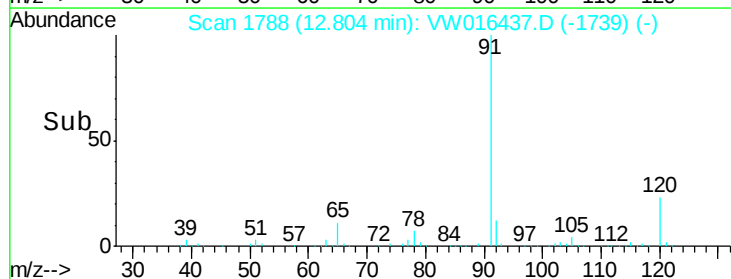
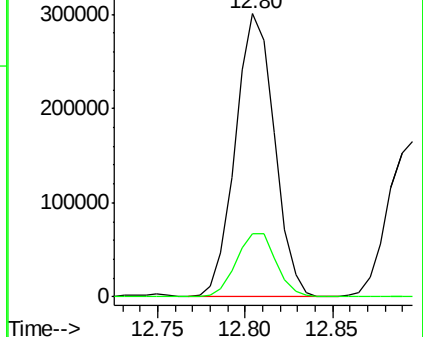
Acq: 01 Sep 2020 17:29

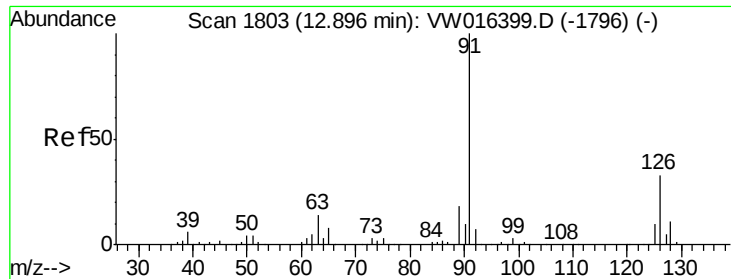
Tgt Ion:	91	Resp:	465766
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.3	33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





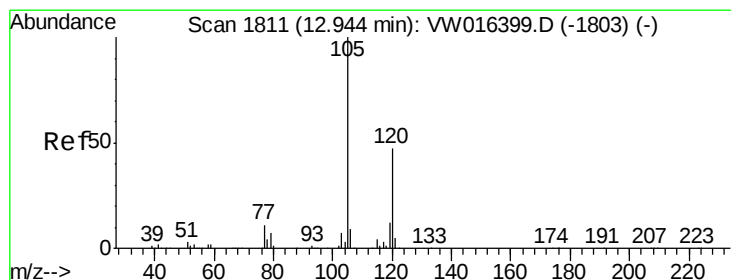
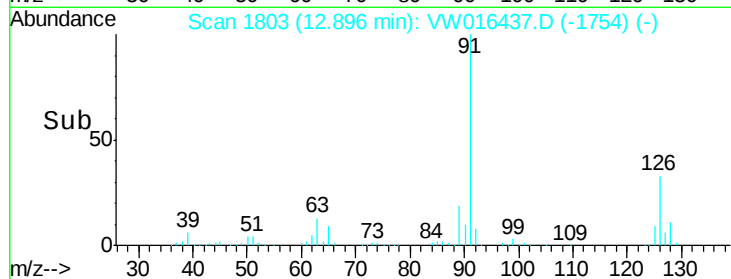
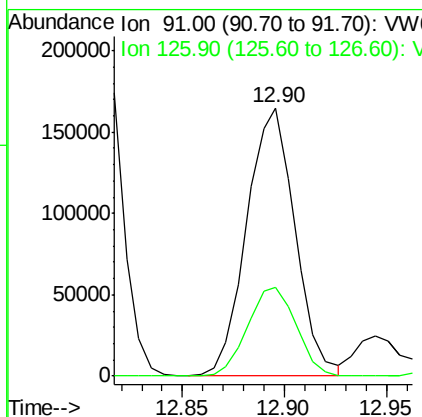
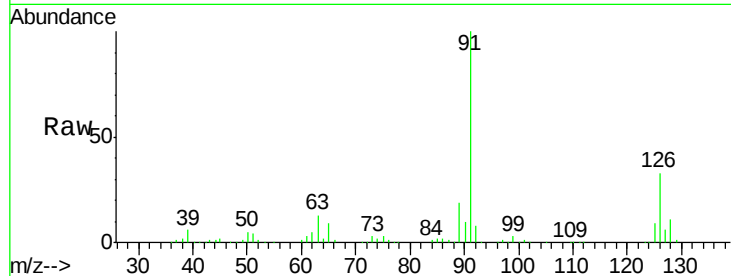
#79
 2-Chlorotoluene
 Concen: 50.668 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 271404
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.4 49.1

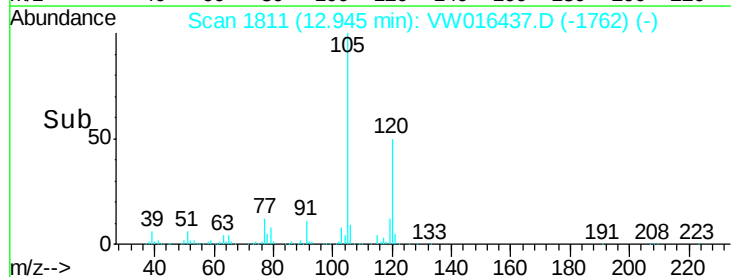
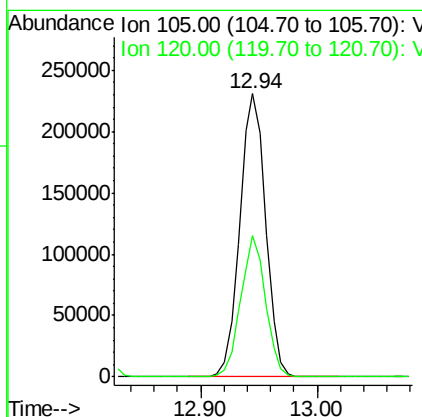
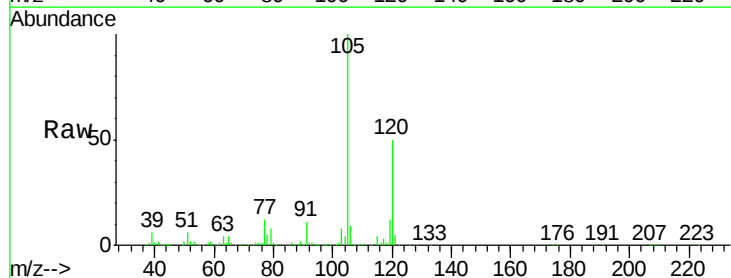
Manual Integrations
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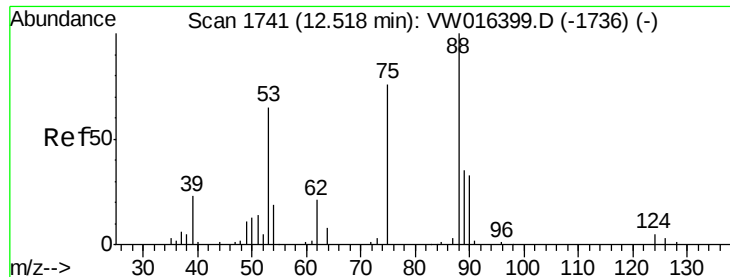
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.429 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Tgt Ion: 105 Resp: 356285
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.8 71.2





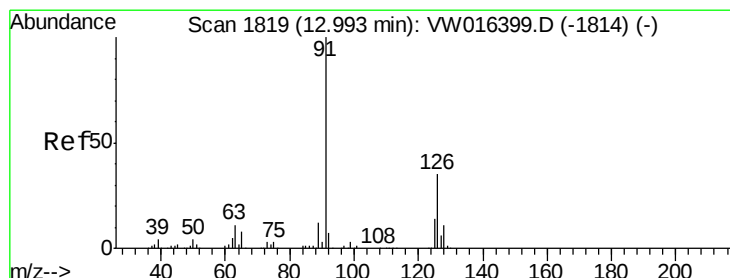
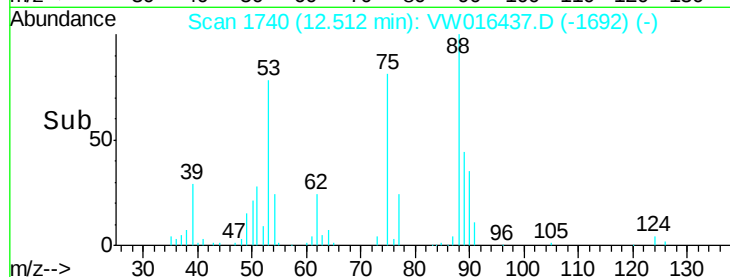
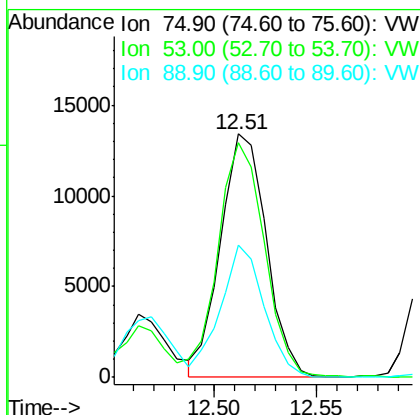
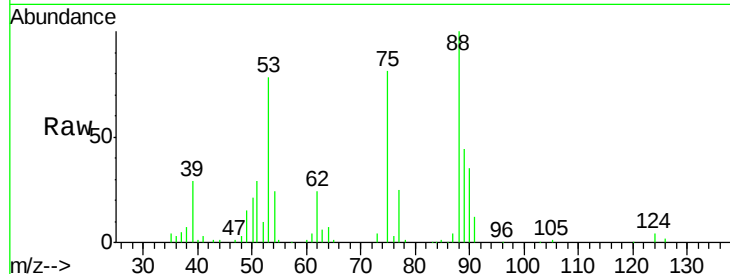
#81
trans-1,4-Dichloro-2-butene
Concen: 50.048 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	75.2	112.8
89	51.7	40.4	60.6

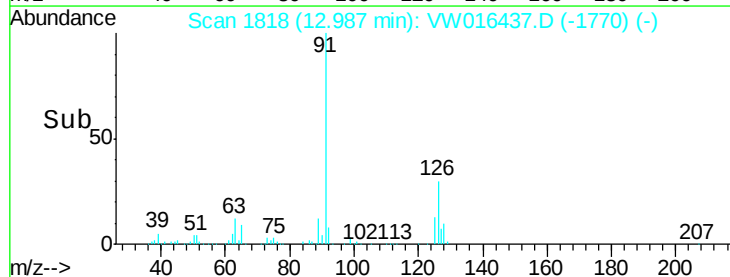
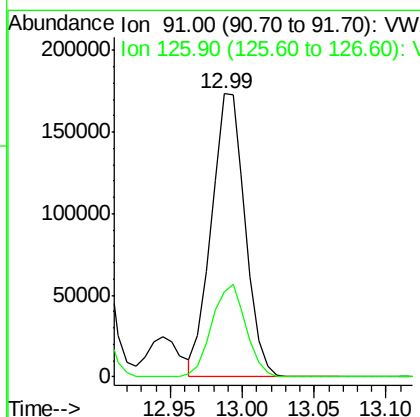
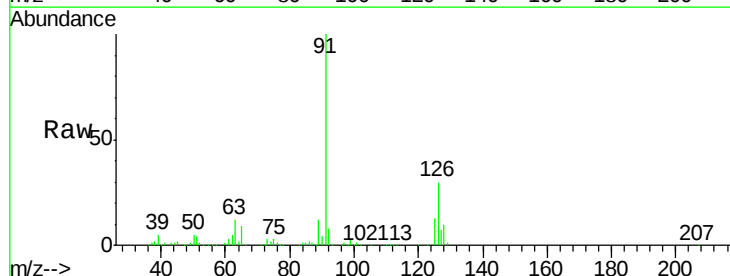
Manual Integrations
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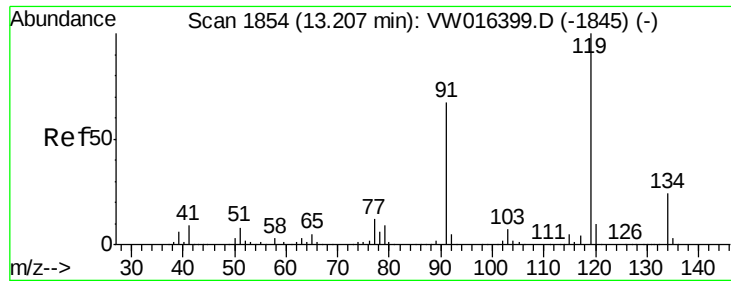
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#82
4-Chlorotoluene
Concen: 50.539 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	17.0	50.9





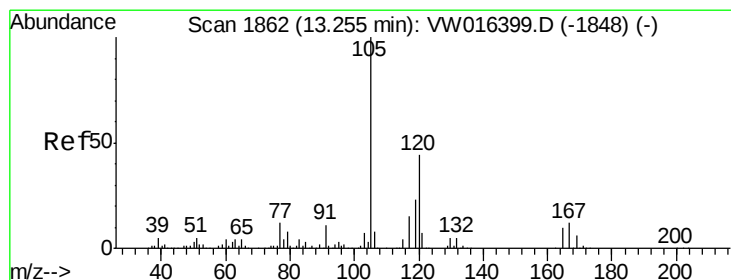
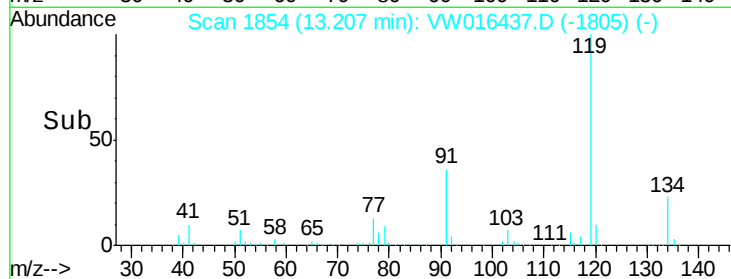
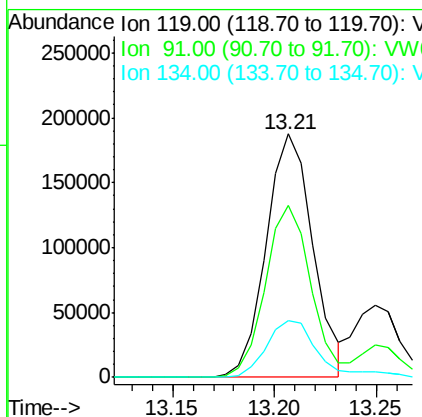
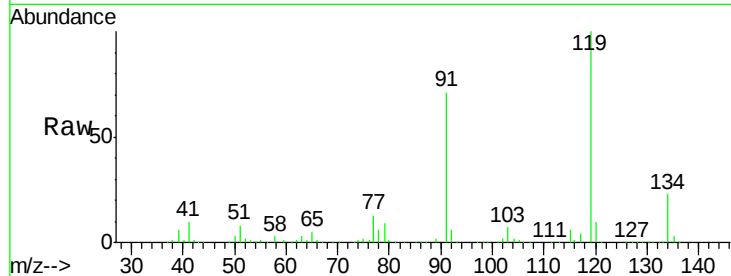
#83
tert-Butylbenzene
Concen: 52.571 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.4	34.1	102.3
134	26.2	12.3	36.8

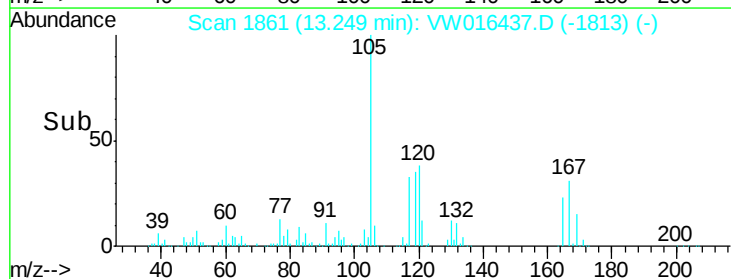
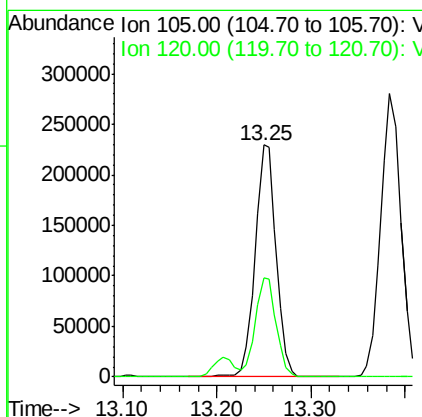
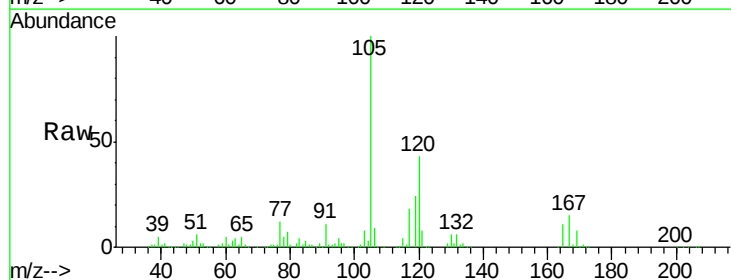
Manual Integrations
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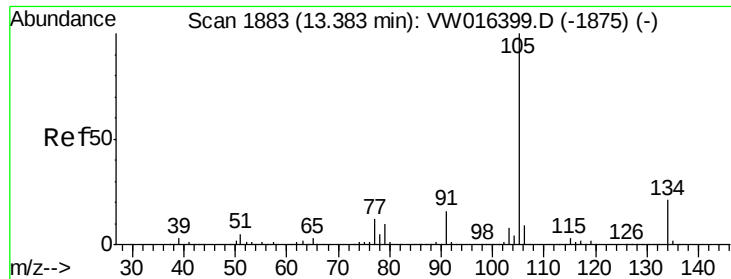
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 53.182 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.4	22.1	66.1





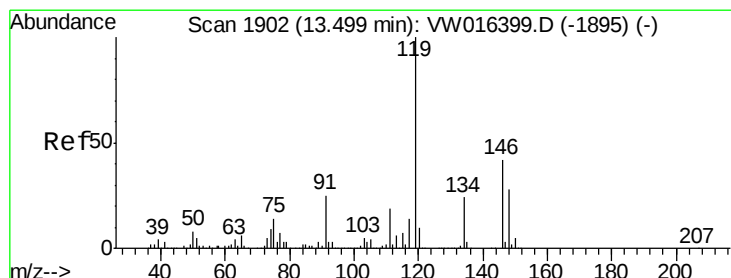
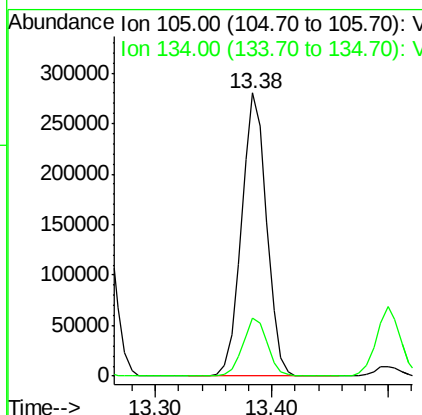
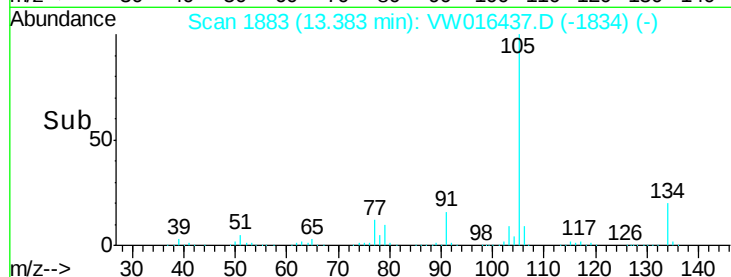
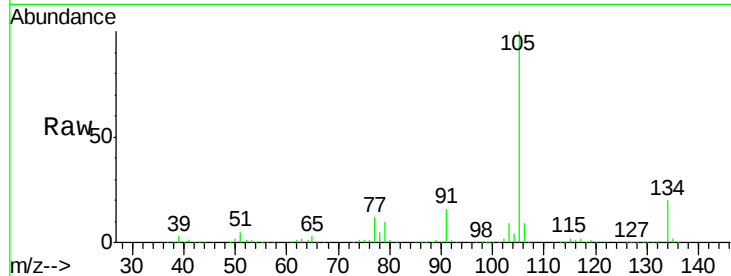
#85
 sec-Butylbenzene
 Concen: 53.254 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 420985
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0

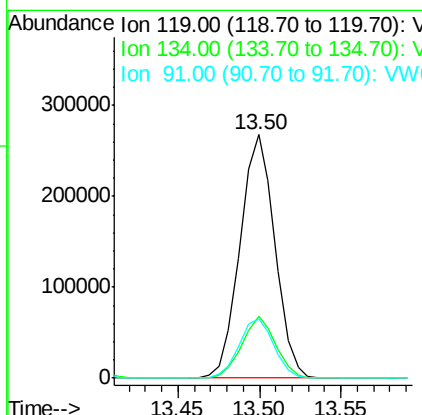
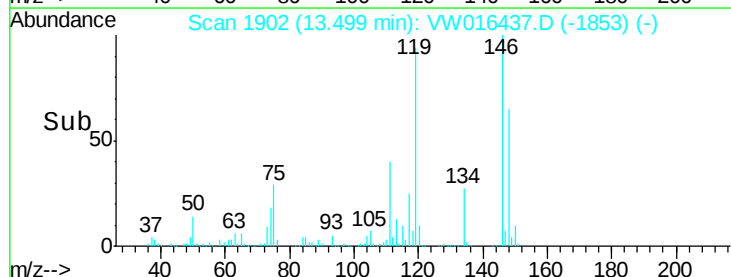
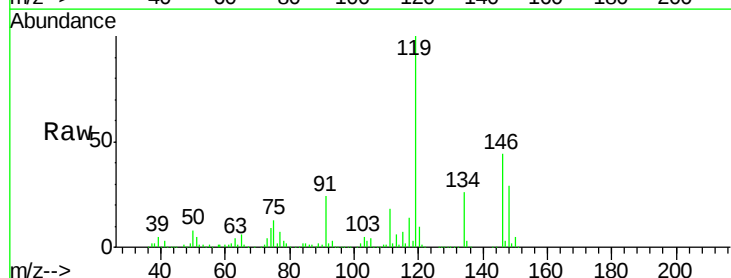
Manual Integrations
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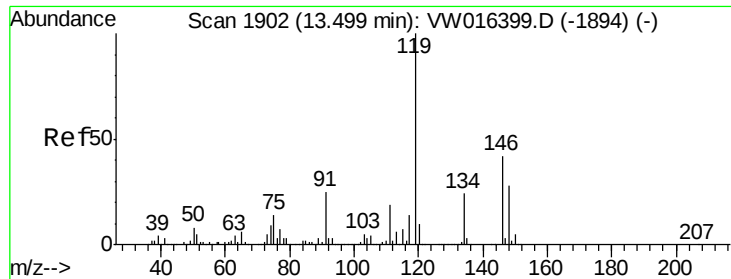
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 53.907 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Tgt Ion:119 Resp: 397823
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.6
 91 24.5 12.2 36.4





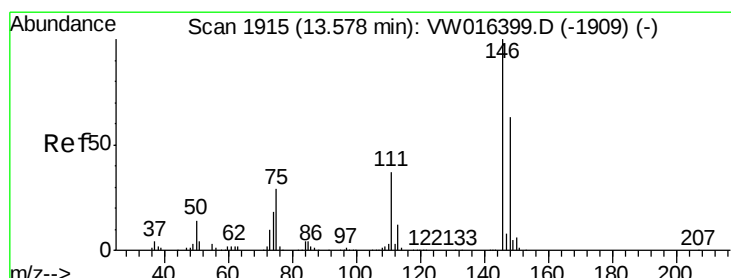
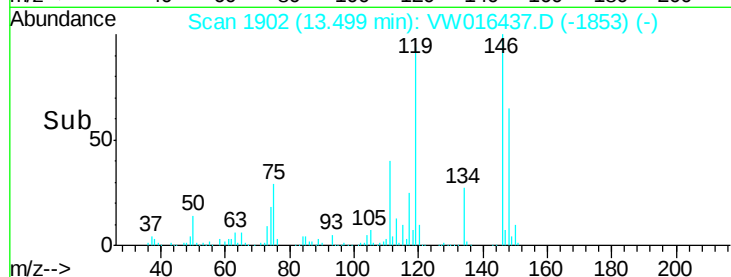
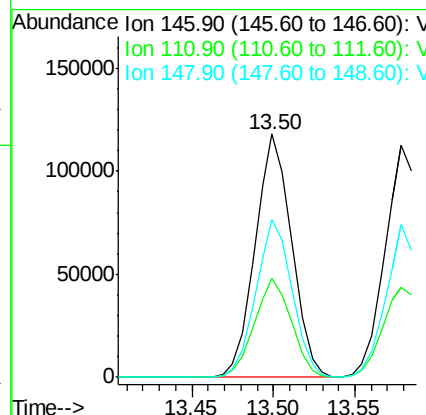
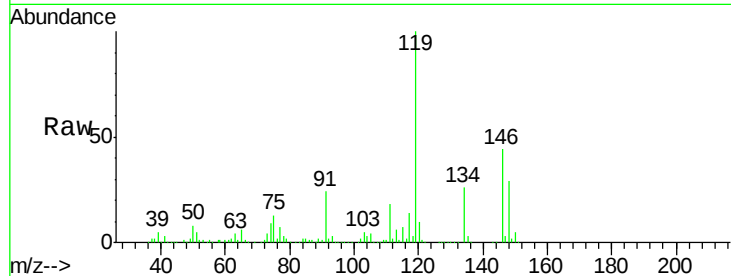
#87
 1,3-Dichlorobenzene
 Concen: 52.901 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	182899		
111	40.9	22.6	67.8	
148	64.3	33.6	100.8	

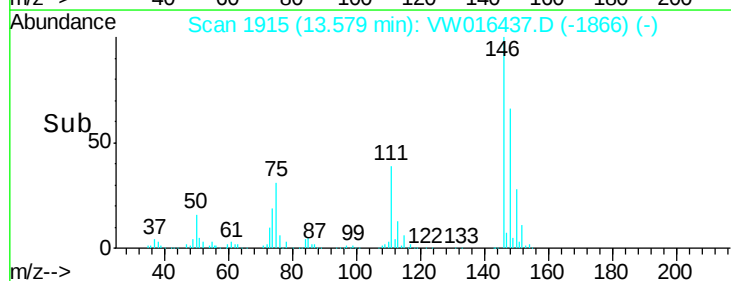
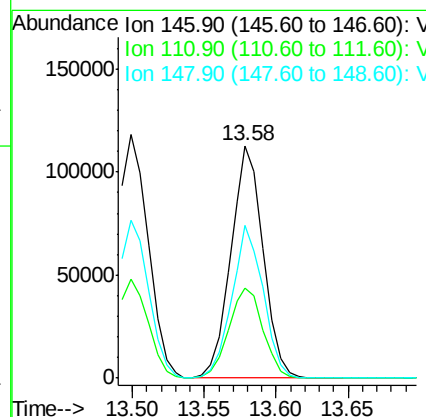
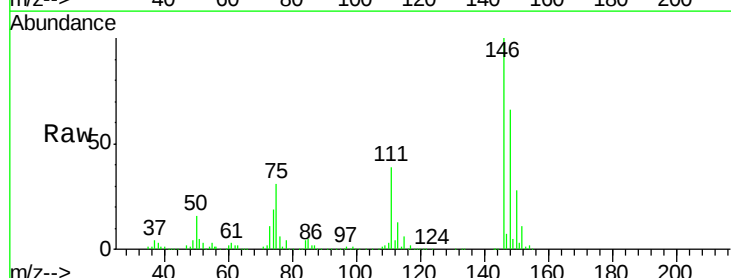
Manual Integrations
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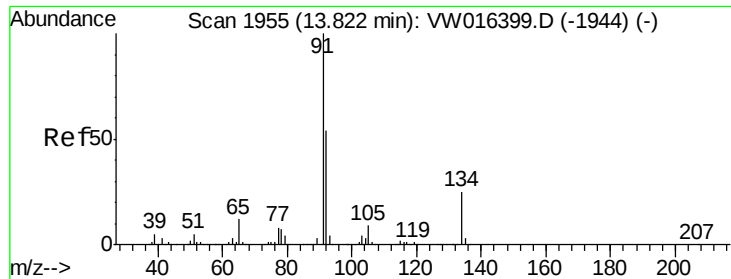
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#88
 1,4-Dichlorobenzene
 Concen: 50.624 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	176096		
111	41.2	20.4	61.3	
148	64.2	32.0	96.2	





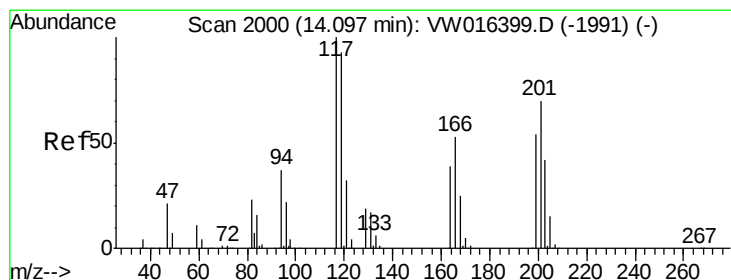
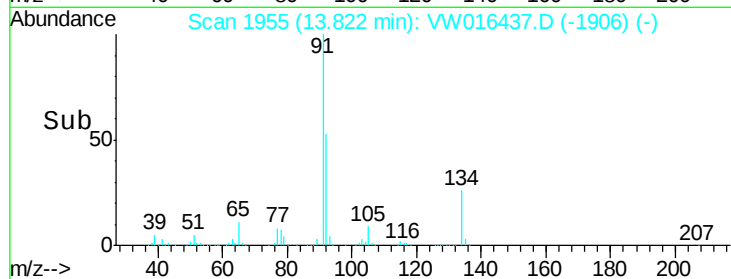
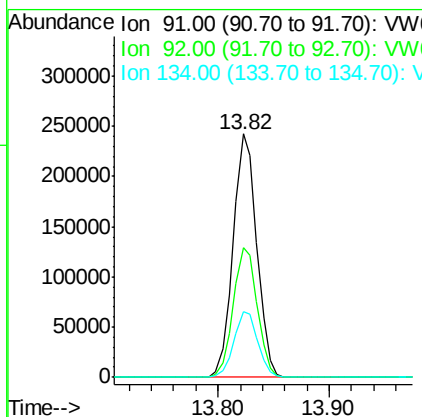
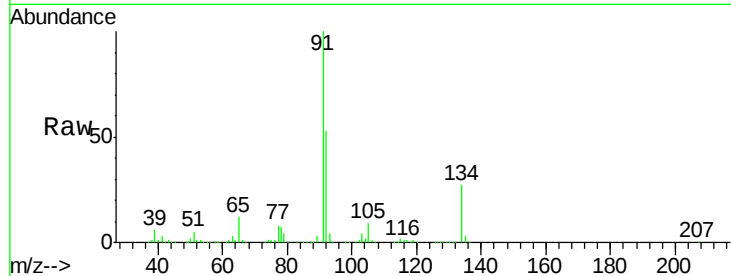
#89
n-Butylbenzene
Concen: 52.520 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	26.8	80.4	
134	27.2	13.2	39.6	

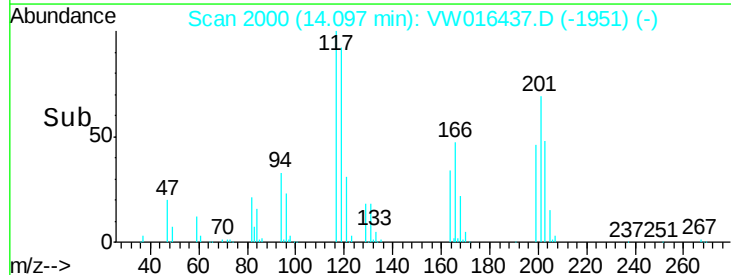
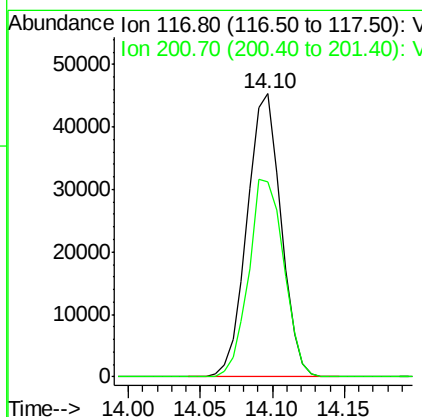
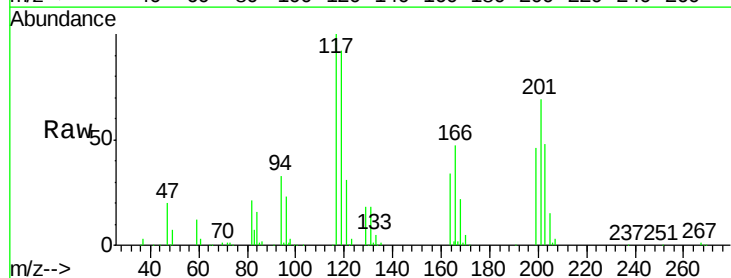
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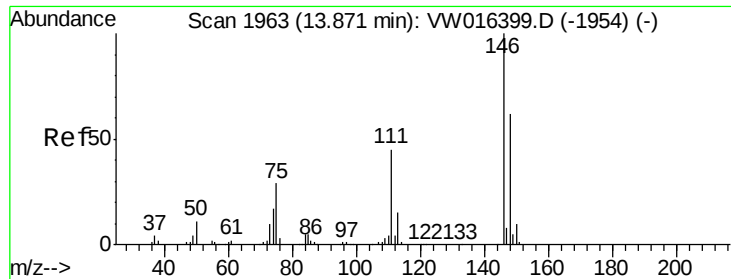
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#90
Hexachloroethane
Concen: 53.218 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016437.D
Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	72.3	35.9	107.7	





#91

1,2-Dichlorobenzene

Concen: 49.996 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

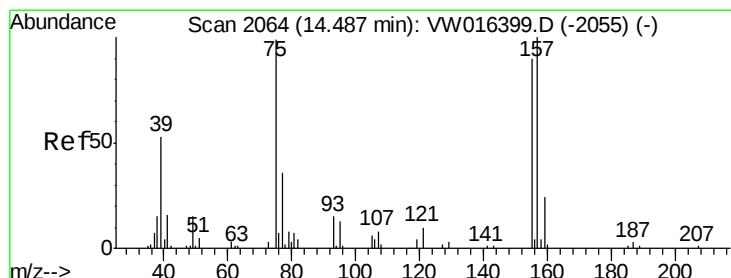
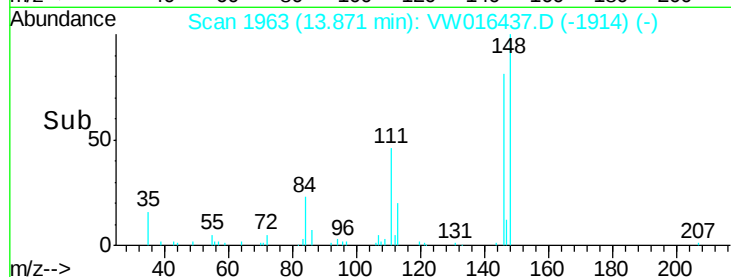
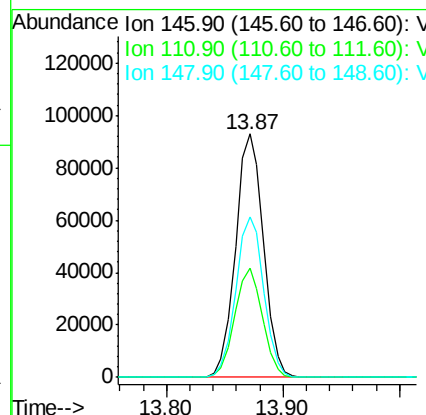
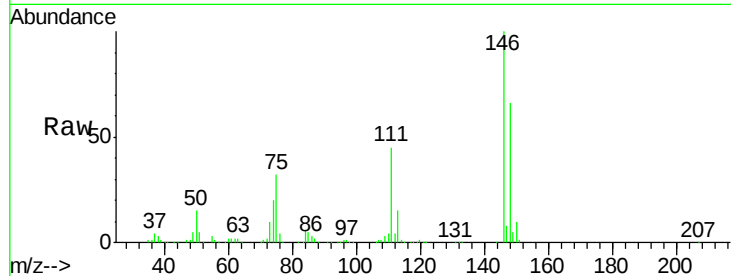
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	154837
Ion Ratio	Lower	Upper	
146	100		
111	44.5	22.3	66.8
148	66.1	32.0	96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 54.144 ug/l

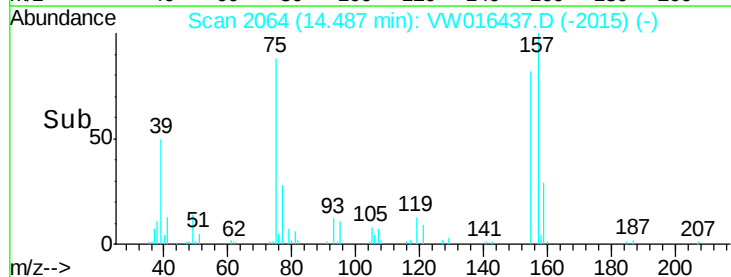
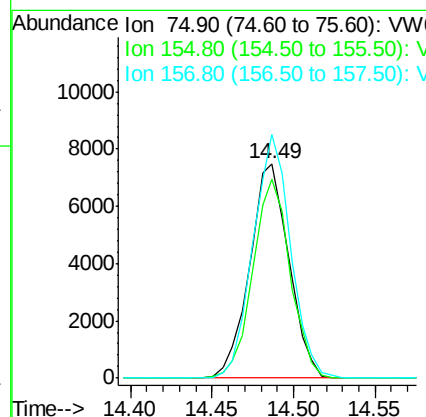
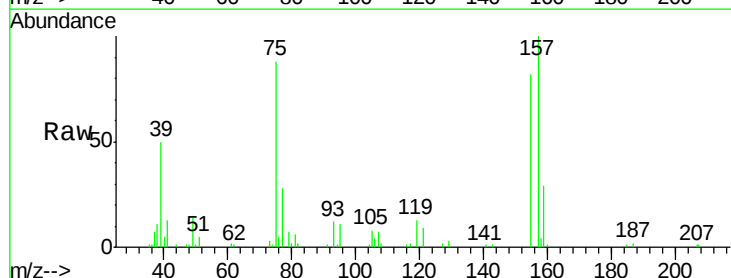
RT: 14.49 min Scan# 2064

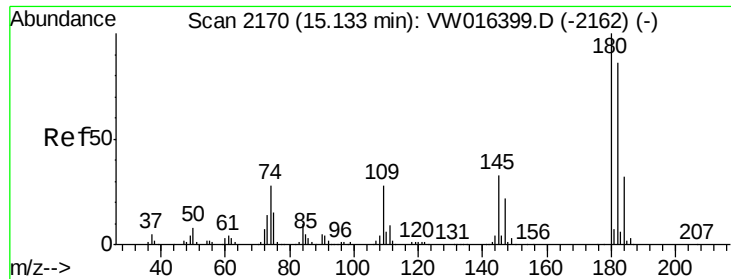
Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Tgt Ion:	75	Resp:	12553
Ion Ratio	Lower	Upper	
75	100		
155	88.2	41.4	124.4
157	108.3	52.1	156.4





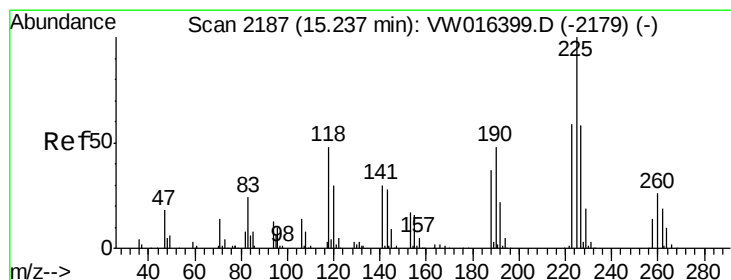
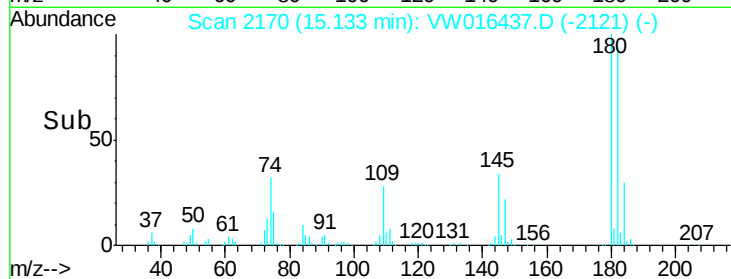
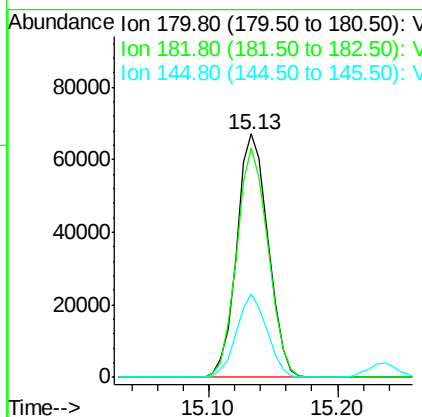
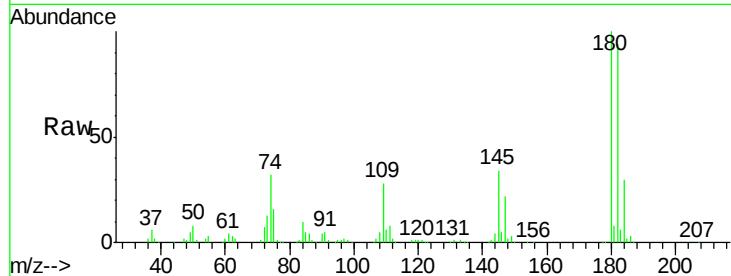
#93
 1,2,4-Trichlorobenzene
 Concen: 54.860 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	44.9	134.7	
145	33.4	17.1	51.2	

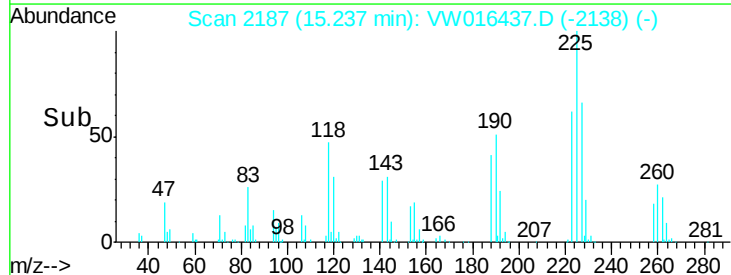
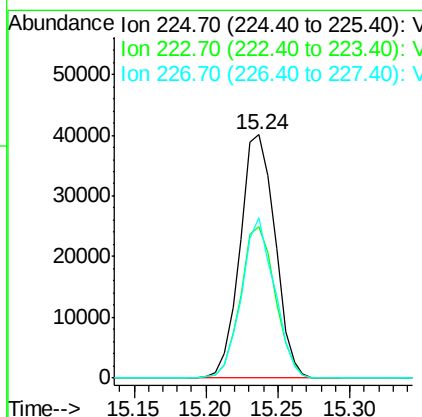
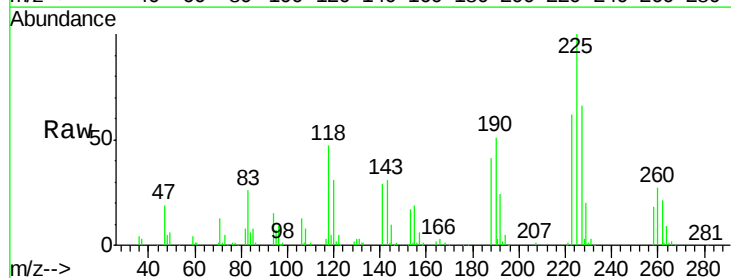
Manual Integrations
 APPROVED

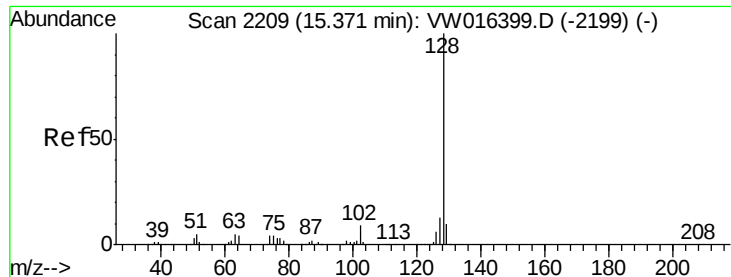
MMDadoda
 9/2/2020 2:22:32 PM



#94
 Hexachlorobutadiene
 Concen: 55.024 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016437.D
 Acq: 01 Sep 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	30.5	91.5	
227	61.8	30.7	92.1	





#95

Naphthalene

Concen: 56.130 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Instrument :

MSVOA_W

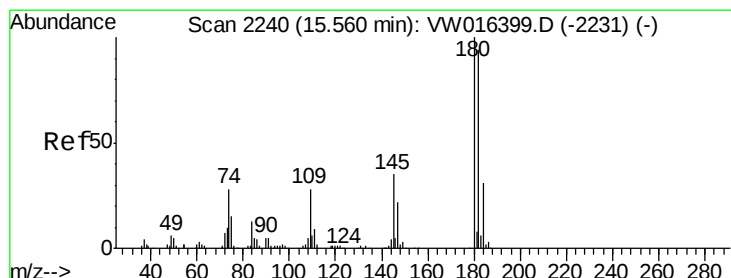
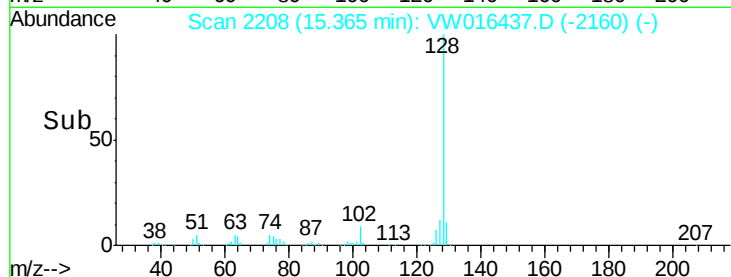
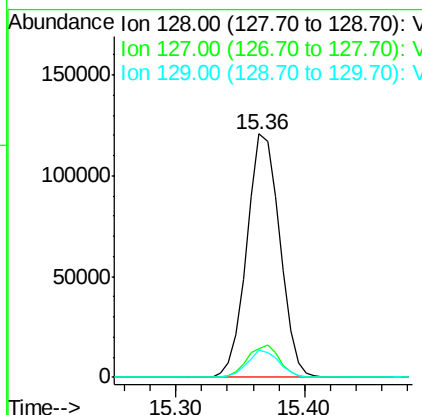
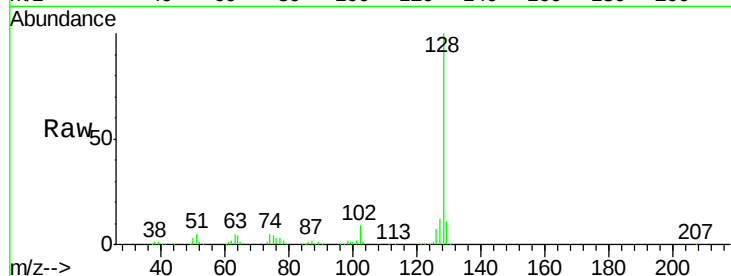
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	213548
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	10.7	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:22:32 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.055 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW016437.D

Acq: 01 Sep 2020 17:29

Tgt Ion:	180	Resp:	97374
Ion Ratio	Lower	Upper	
180	100		
182	92.5	46.5	139.5
145	36.1	18.1	54.3

