

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016428.D
 Acq On : 31 Aug 2020 22:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 12:40:22 PM

Quant Time: Sep 01 04:24:41 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	156958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	240565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	218433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	85012	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	7.88	113	81307	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.33	98	305827	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
62) 4-Bromofluorobenzene	12.62	95	112203	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	45153	51.044	ug/l	96
3) Chloromethane	2.21	50	39244	46.115	ug/l	100
4) Vinyl Chloride	2.36	62	77961	62.853	ug/l	96
5) Bromomethane	2.78	94	59494	67.926	ug/l	99
6) Chloroethane	2.92	64	51721	70.053	ug/l #	86
7) Trichlorofluoromethane	3.26	101	77443	51.641	ug/l	97
8) Diethyl Ether	3.68	74	35253	46.701	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	71639	48.940	ug/l	97
10) Methyl Iodide	4.27	142	111543	49.864	ug/l	100
11) Tert butyl alcohol	5.15	59	26747	283.243	ug/l	99
12) 1,1-Dichloroethene	4.04	96	72162	48.310	ug/l	98
13) Acrolein	3.89	56	13322	184.049	ug/l	98
14) Allyl chloride	4.67	41	87845	47.049	ug/l	97
15) Acrylonitrile	5.36	53	72324	257.336	ug/l	98
16) Acetone	4.12	43	62208	233.154	ug/l	95
17) Carbon Disulfide	4.38	76	203707	48.574	ug/l	98
18) Methyl Acetate	4.67	43	30962	50.891	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	116345	50.980	ug/l	99
20) Methylene Chloride	4.92	84	80003	47.270	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	83310	49.761	ug/l	95
22) Diisopropyl ether	6.31	45	177078	47.911	ug/l	99
23) Vinyl Acetate	6.26	43	550798	243.177	ug/l	98
24) 1,1-Dichloroethane	6.21	63	128436	48.199	ug/l	98
25) 2-Butanone	7.17	43	89353	246.829	ug/l	99
26) 2,2-Dichloropropane	7.17	77	93265	45.318	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	87367	48.166	ug/l	99
28) Bromochloromethane	7.51	49	47270	48.837	ug/l	98
29) Tetrahydrofuran	7.53	42	54792	253.548	ug/l	97
30) Chloroform	7.68	83	145310	49.091	ug/l	100
31) Cyclohexane	7.96	56	108713	44.515	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	135062	50.665	ug/l	100
36) 1,1-Dichloropropene	8.09	75	112471	49.127	ug/l	100
37) Ethyl Acetate	7.25	43	38642	49.823	ug/l	98
38) Carbon Tetrachloride	8.07	117	127319	50.752	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	138222	49.862	ug/l	95
40) Benzene	8.32	78	305736	49.881	ug/l	100
41) Methacrylonitrile	7.48	41	22171	49.649	ug/l	93
42) 1,2-Dichloroethane	8.40	62	95745	51.212	ug/l	100
43) Isopropyl Acetate	8.42	43	76549	49.458	ug/l	99
44) Trichloroethene	9.09	130	91342	49.806	ug/l	93
45) 1,2-Dichloropropane	9.37	63	67794	47.678	ug/l	99
46) Dibromomethane	9.46	93	42586	50.409	ug/l	97
47) Bromodichloromethane	9.65	83	109804	50.396	ug/l	98
48) Methyl methacrylate	9.44	41	36642	49.655	ug/l	98
49) 1,4-Dioxane	9.45	88	14068	1222.499	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	195624	255.614	ug/l	100
52) Toluene	10.39	92	207677	50.536	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	105045	49.574	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	120552	48.827	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	59451	49.357	ug/l	96
56) Ethyl methacrylate	10.65	69	72049	51.187	ug/l	99
57) 1,3-Dichloropropane	10.93	76	98862	49.397	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	149963	237.276	ug/l	98
59) 2-Hexanone	10.97	43	133185	255.082	ug/l	97
60) Dibromochloromethane	11.13	129	79058	51.908	ug/l	100
61) 1,2-Dibromoethane	11.24	107	60053	50.837	ug/l	98
64) Tetrachloroethene	10.87	164	78383	52.241	ug/l	86
65) Chlorobenzene	11.66	112	221671	49.275	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	84595	50.786	ug/l	98
67) Ethyl Benzene	11.73	91	405135	50.444	ug/l	100
68) m/p-Xylenes	11.84	106	309571	100.959	ug/l	100
69) o-Xylene	12.17	106	143824	51.006	ug/l	95
70) Styrene	12.18	104	245306	51.045	ug/l	100
71) Bromoform	12.35	173	44629	52.654	ug/l #	99
73) Isopropylbenzene	12.47	105	418324	52.670	ug/l	97
74) N-amyl acetate	12.27	43	70371	50.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	67011	51.253	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	48289m	50.700	ug/l	
77) Bromobenzene	12.75	156	89791	48.632	ug/l	96
78) n-propylbenzene	12.80	91	476457	51.102	ug/l	98
79) 2-Chlorotoluene	12.90	91	278487	50.718	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	355875	51.088	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	20743	48.352	ug/l	99
82) 4-Chlorotoluene	12.99	91	288816	50.311	ug/l	98
83) tert-Butylbenzene	13.21	119	302137	51.626	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	356848	51.360	ug/l	100
85) sec-Butylbenzene	13.38	105	415768	51.308	ug/l	99
86) p-Isopropyltoluene	13.50	119	391245	51.718	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	177406	50.057	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	172416	48.354	ug/l	98
89) n-Butylbenzene	13.82	91	346281	49.857	ug/l	98
90) Hexachloroethane	14.10	117	72535	51.068	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	156417	49.270	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12368	52.041	ug/l	93

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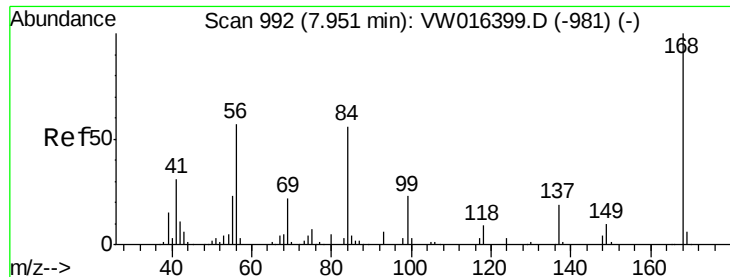
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	102012	48.405	ug/l	99
94) Hexachlorobutadiene	15.24	225	65760	52.266	ug/l	98
95) Naphthalene	15.36	128	199216	51.082	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	91138	49.355	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 156958

Ion Ratio Lower Upper

168 100

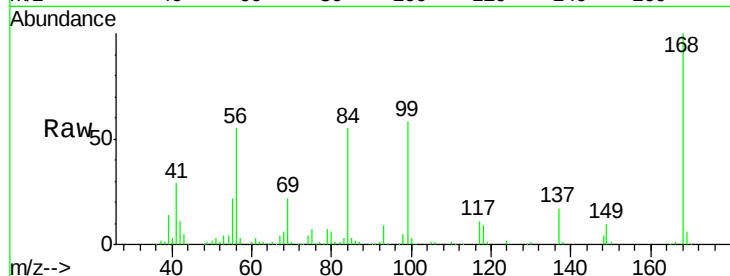
99 57.5 49.0 73.4

Manual Integrations

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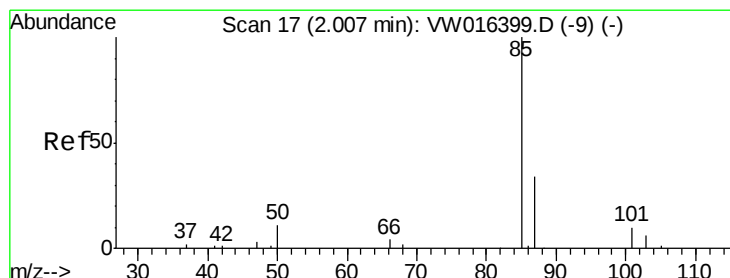
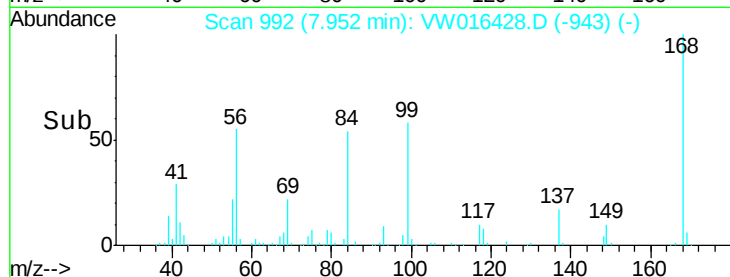
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 51.044 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016428.D

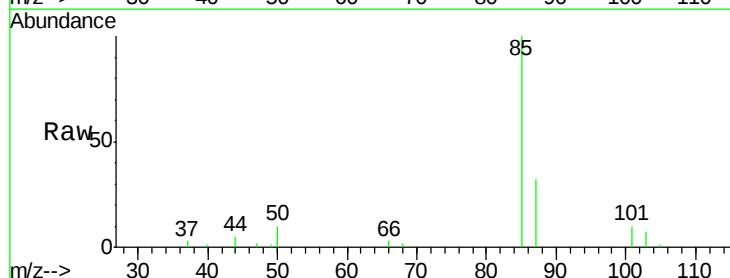
Acq: 31 Aug 2020 22:18

Tgt Ion: 85 Resp: 45153

Ion Ratio Lower Upper

85 100

87 31.5 17.0 51.0



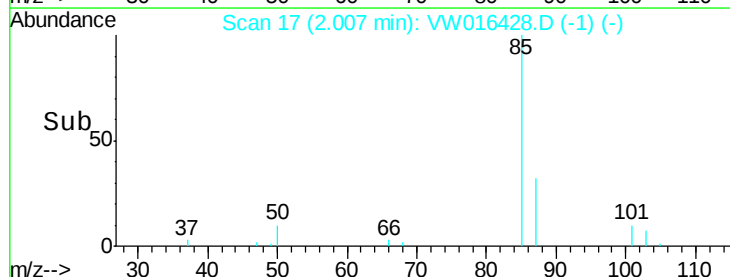
Abundance Ion 84.90 (84.60 to 85.60): VW

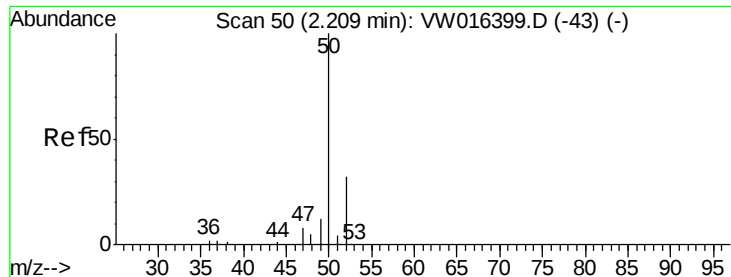
Ion 86.90 (86.60 to 87.60): VW

2.01

2.20

Time-->





#3

Chloromethane

Concen: 46.115 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 39244

Ion Ratio Lower Upper

50 100

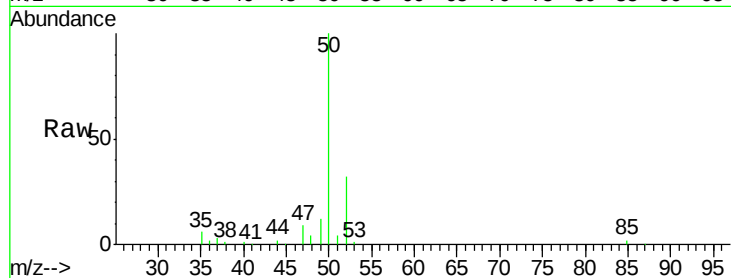
52 31.8 25.5 38.3

Manual Integrations

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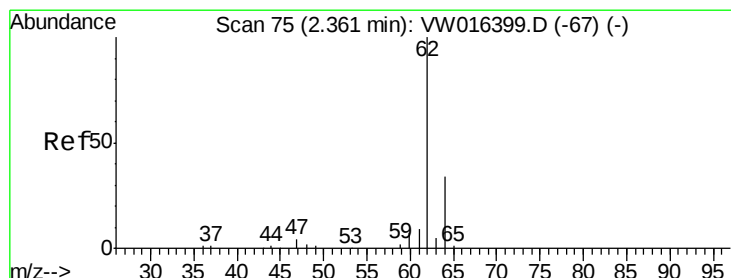
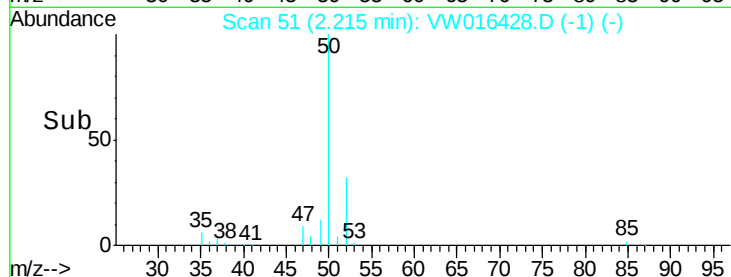
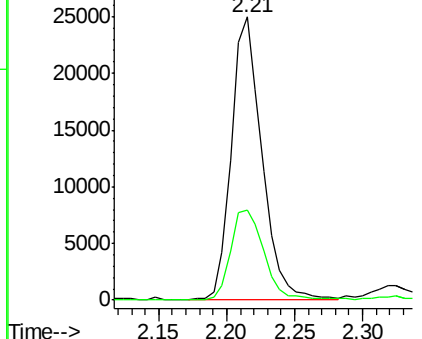
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 62.853 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW016428.D

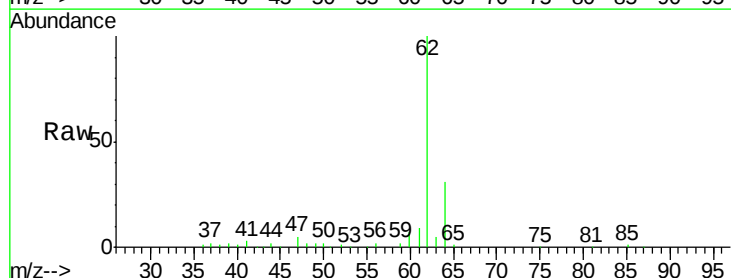
Acq: 31 Aug 2020 22:18

Tgt Ion: 62 Resp: 77961

Ion Ratio Lower Upper

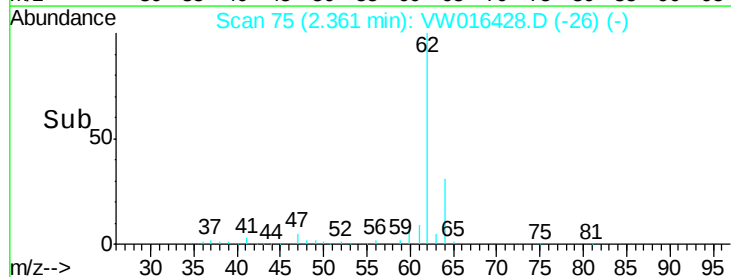
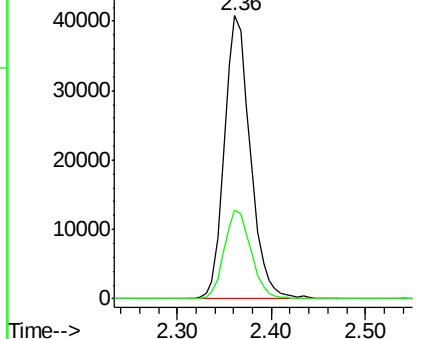
62 100

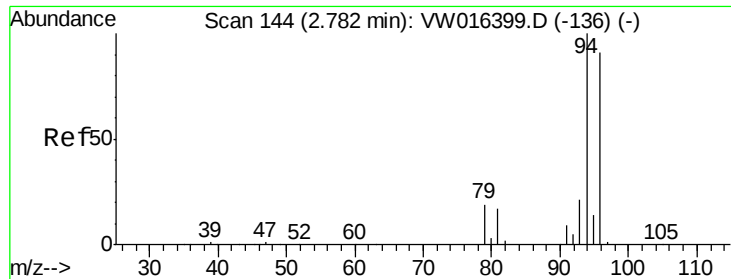
64 31.5 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 67.926 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

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MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 59494

Ion Ratio Lower Upper

94 100

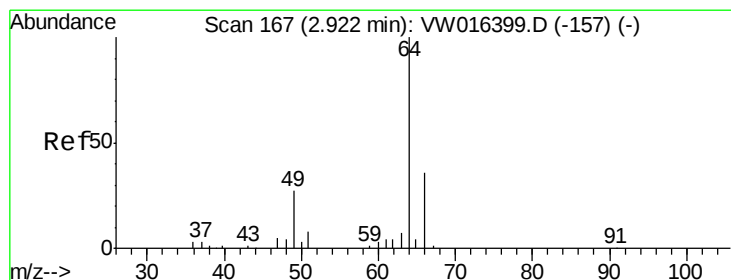
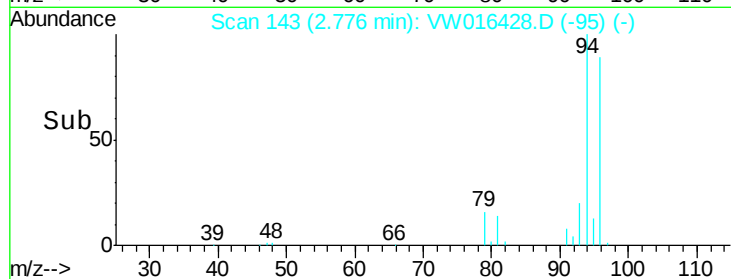
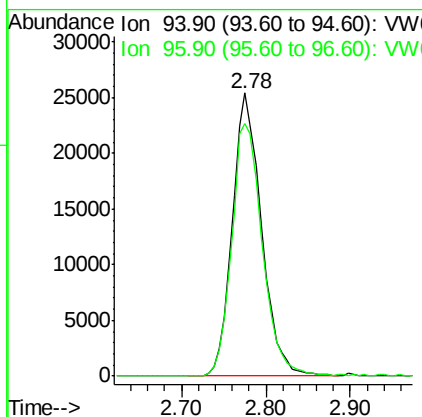
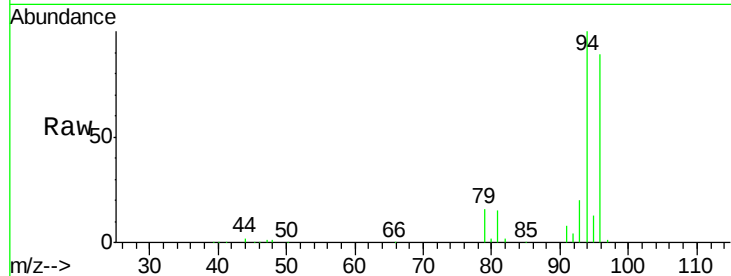
96 89.4 72.6 109.0

Manual Integrations

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#6

Chloroethane

Concen: 70.053 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW016428.D

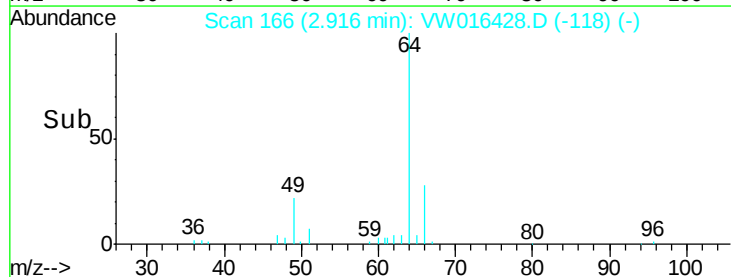
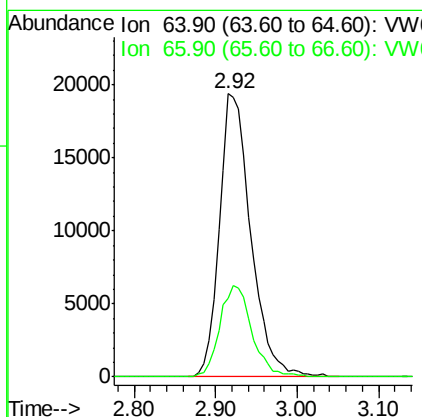
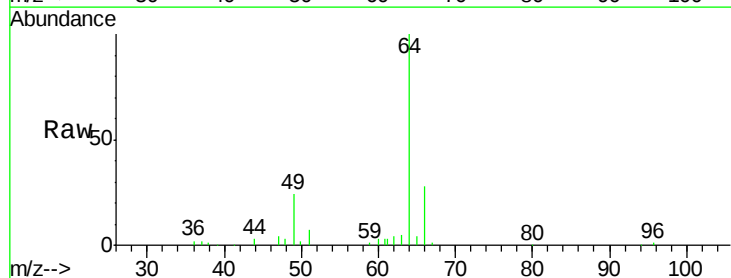
Acq: 31 Aug 2020 22:18

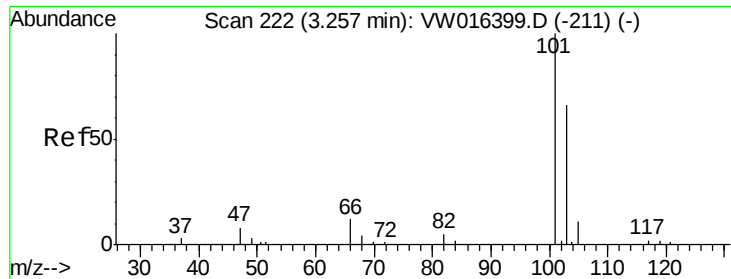
Tgt Ion: 64 Resp: 51721

Ion Ratio Lower Upper

64 100

66 27.8 28.7 43.1#





#7

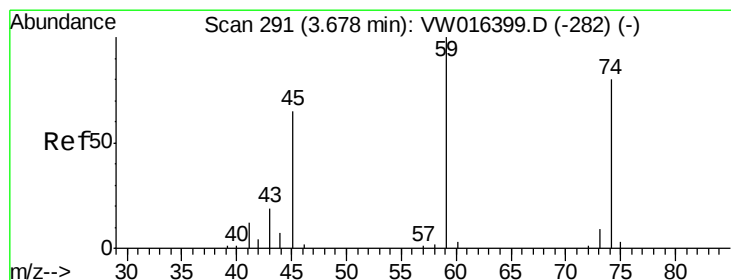
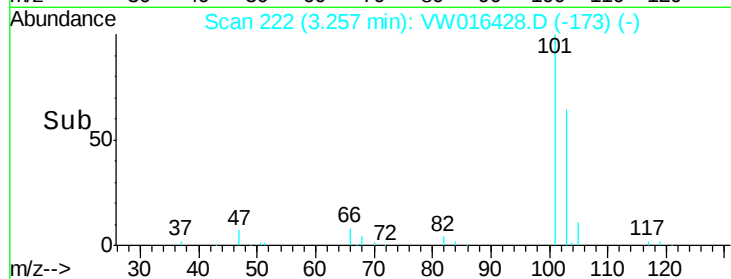
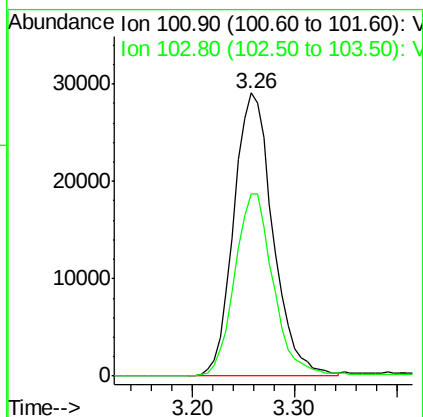
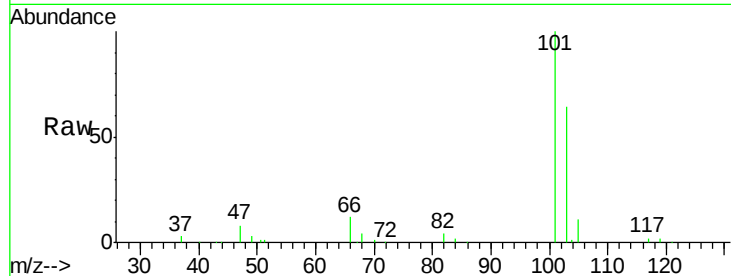
Trichlorofluoromethane
 Concen: 51.641 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW016428.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.0	79.4

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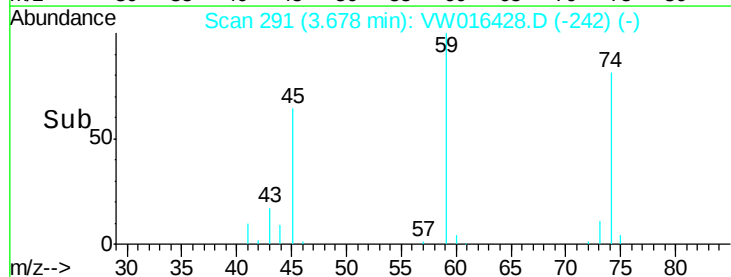
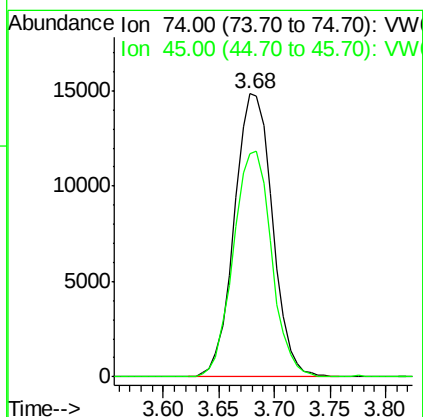
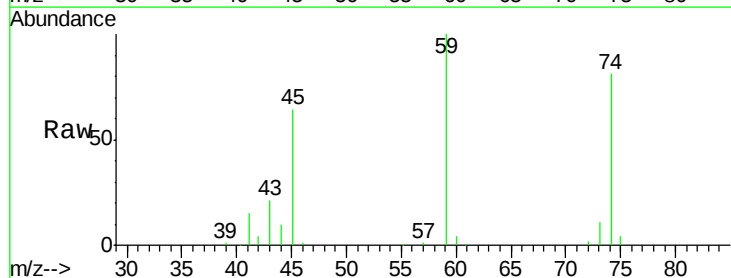
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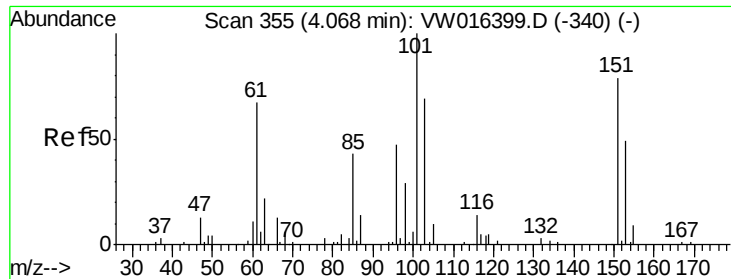


#8

Diethyl Ether
 Concen: 46.701 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.8	42.0	126.0





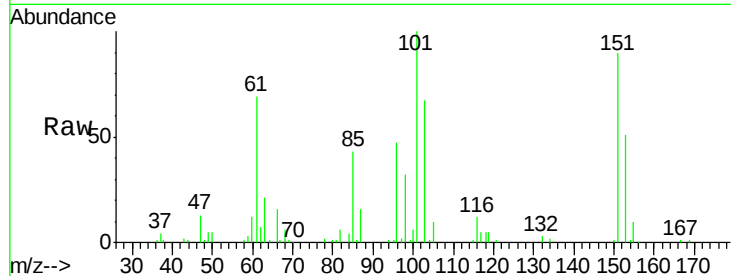
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.940 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. 0.00 min
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	71639		
85	42.9		34.2	51.2
151	84.0		63.8	95.8

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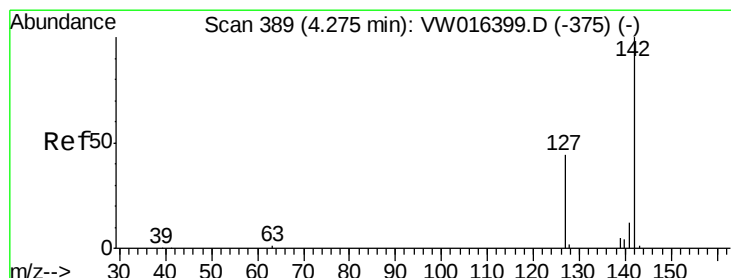
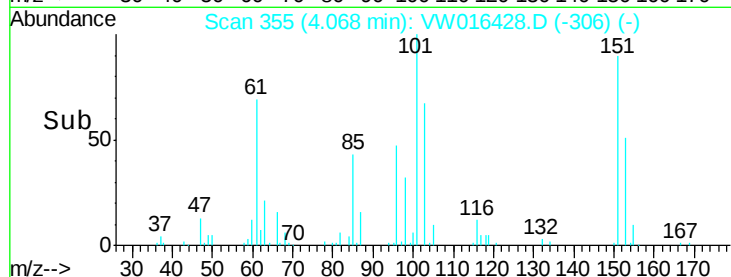
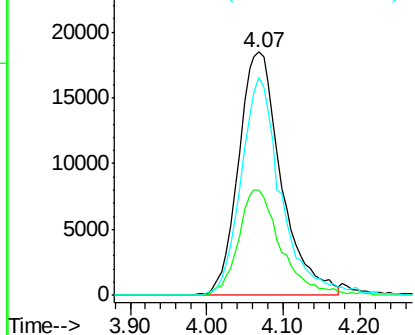


Abundance

Ion 100.90 (100.60 to 101.60): V

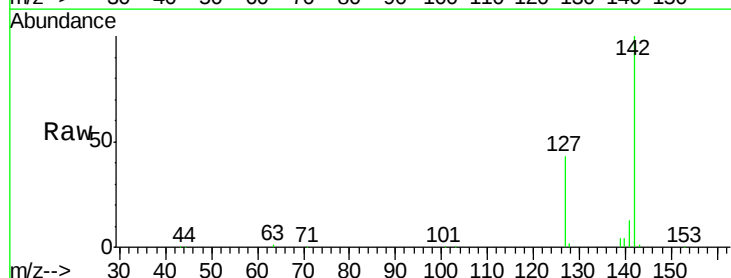
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 49.864 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	111543		
127	45.2		36.2	54.4
141	15.1		11.8	17.6

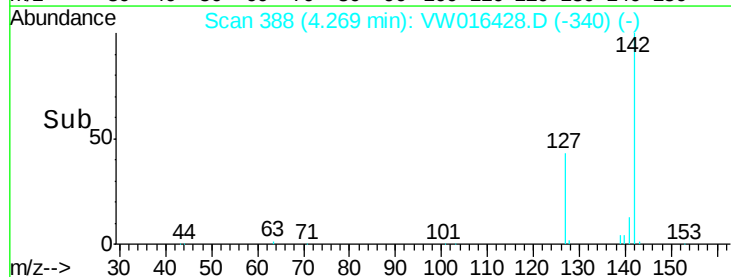
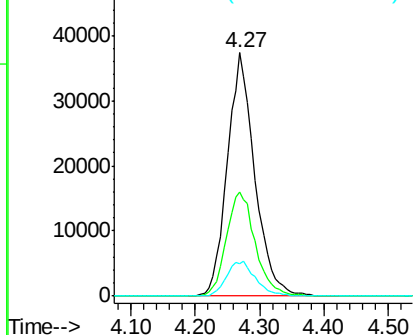


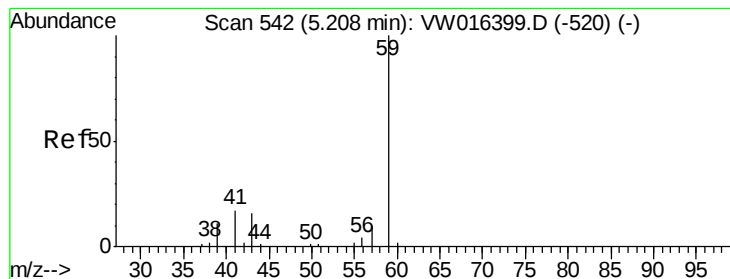
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

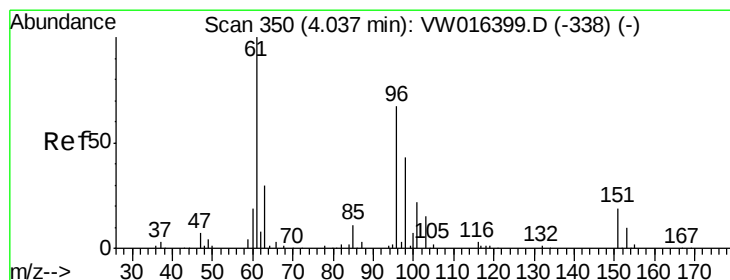
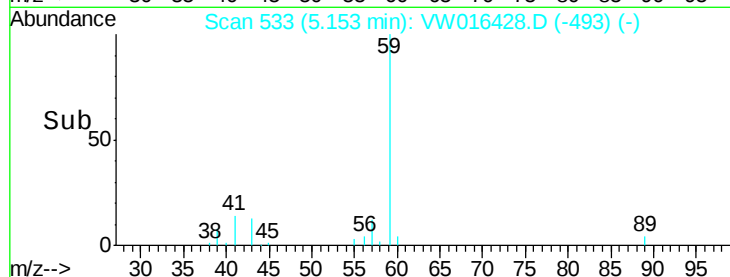
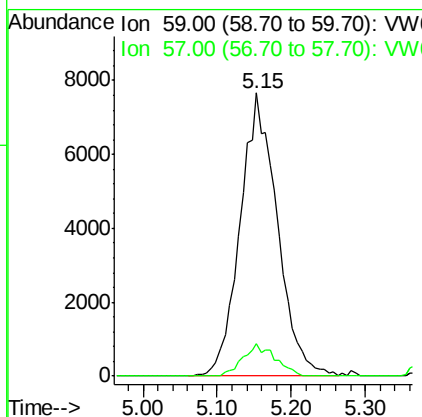
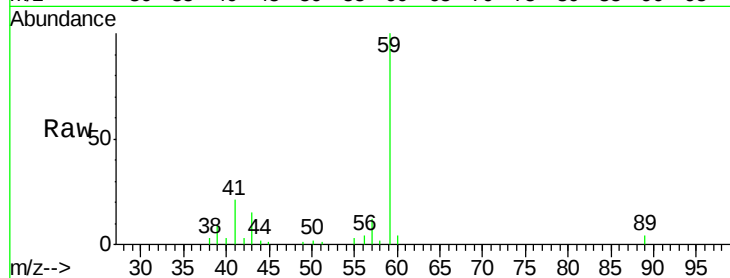
Tert butyl alcohol
 Concen: 283.243 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.05 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

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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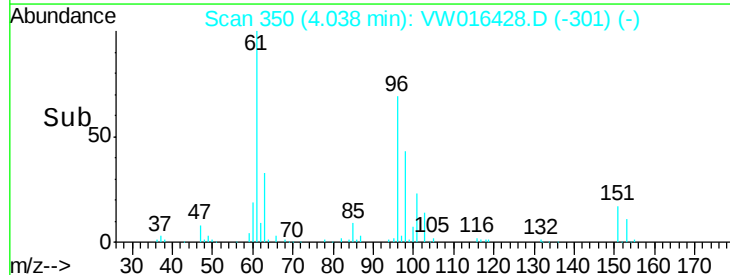
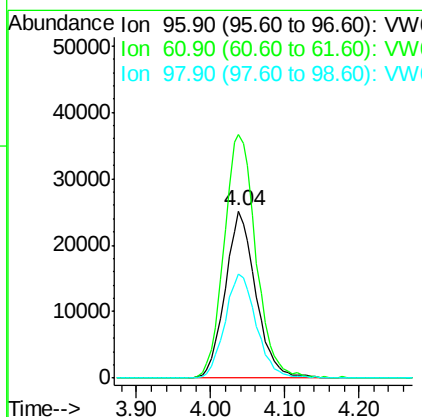
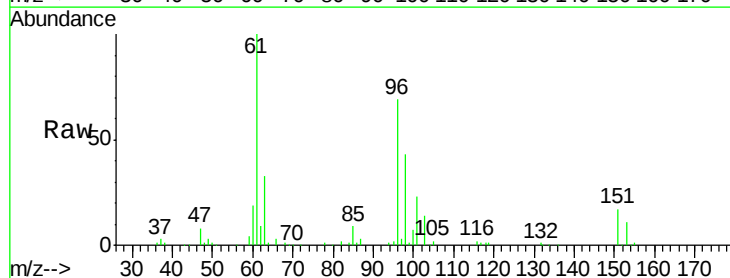
MMDadoda
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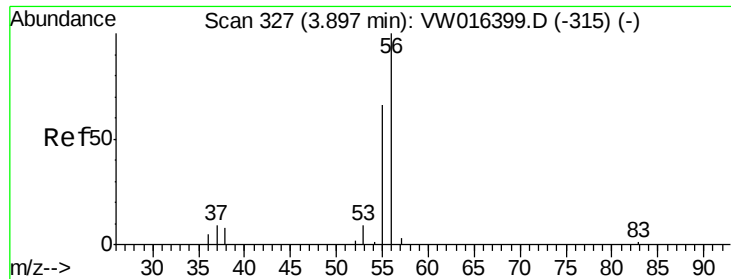


#12

1,1-Dichloroethene
 Concen: 48.310 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.6	119.0	178.4
98	62.1	50.6	76.0





#13

Acrolein

Concen: 184.049 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 13322

Ion Ratio Lower Upper

56 100

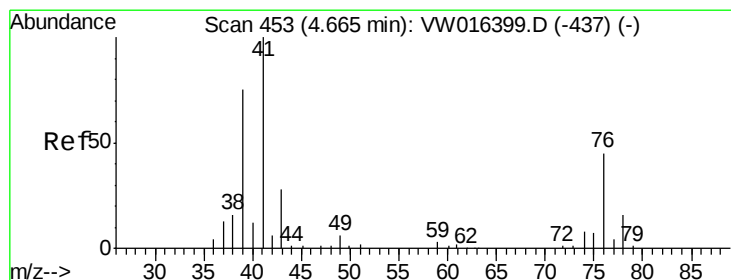
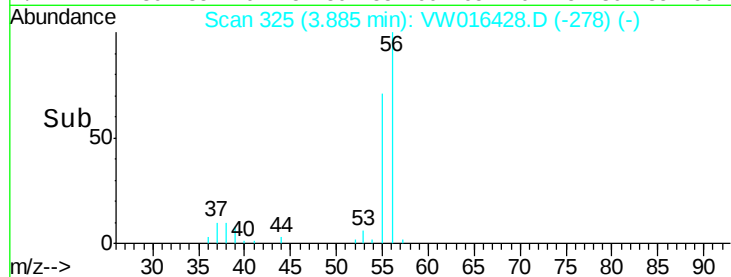
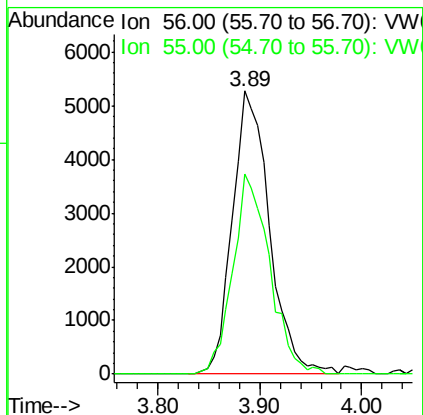
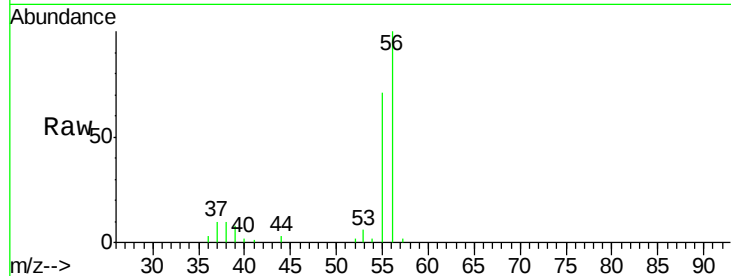
55 70.1 54.8 82.2

Manual Integrations

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#14

Allyl chloride

Concen: 47.049 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

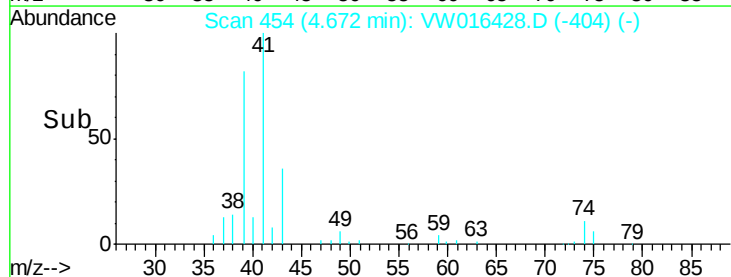
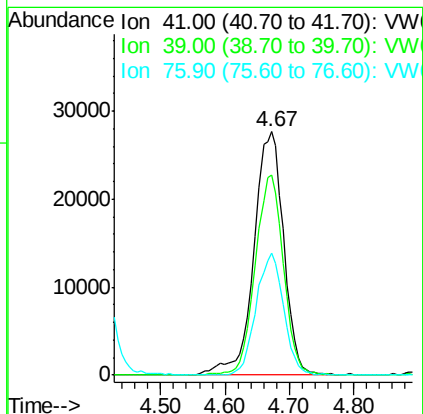
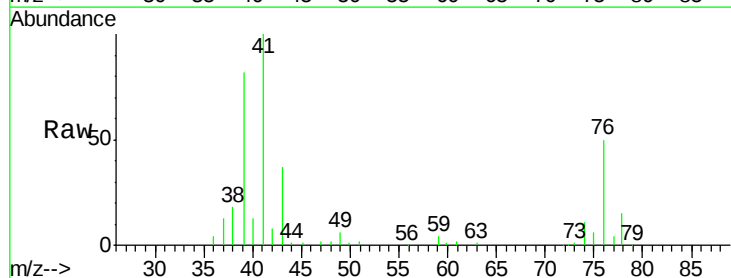
Tgt Ion: 41 Resp: 87845

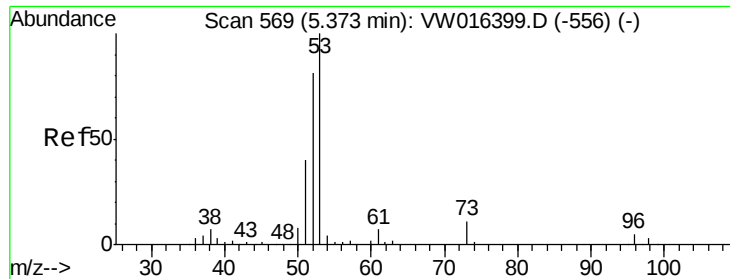
Ion Ratio Lower Upper

41 100

39 78.2 60.2 90.2

76 46.3 35.7 53.5





#15

Acrylonitrile

Concen: 257.336 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

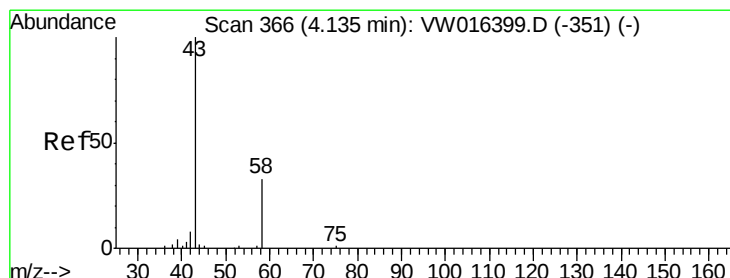
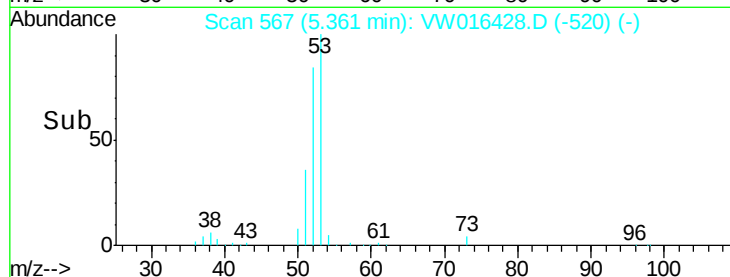
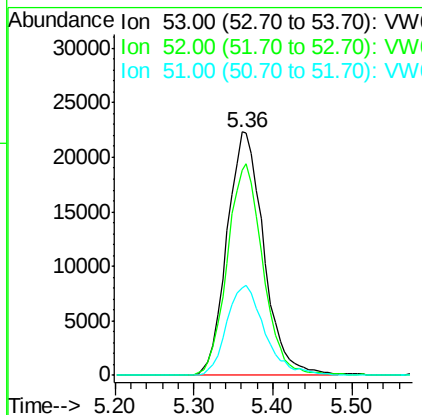
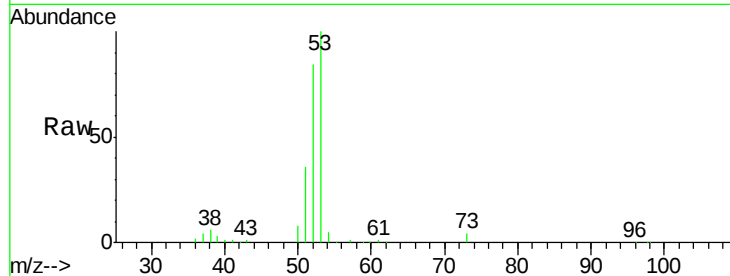
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	72324
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.1	99.1
51	38.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 233.154 ug/l

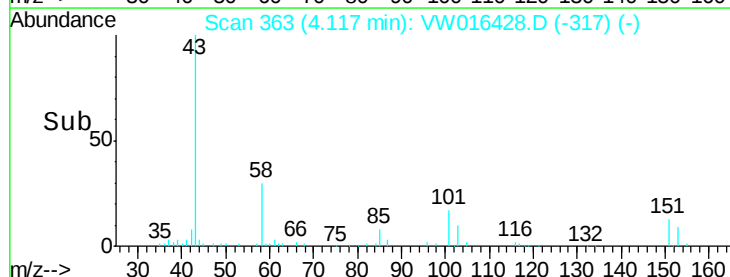
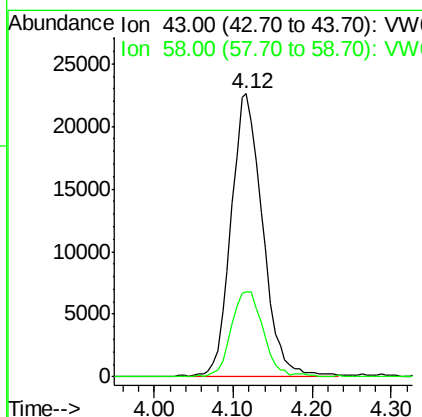
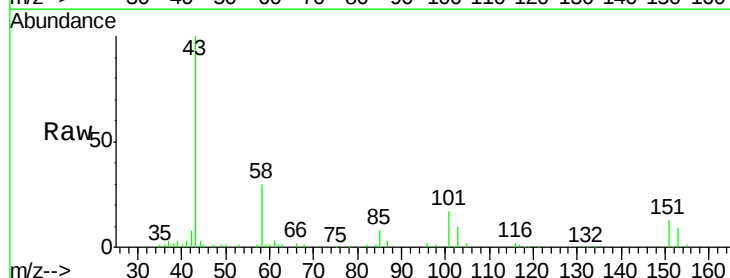
RT: 4.12 min Scan# 363

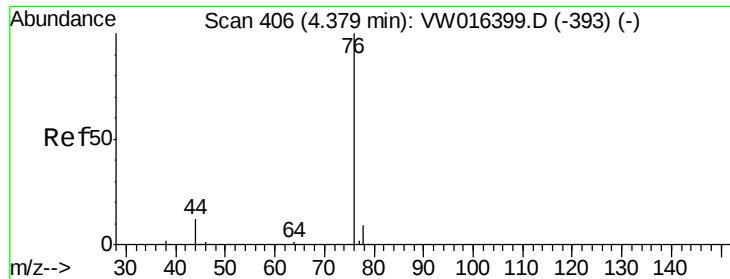
Delta R.T. -0.02 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Tgt Ion:	43	Resp:	62208
Ion	Ratio	Lower	Upper
43	100		
58	30.4	26.6	39.8





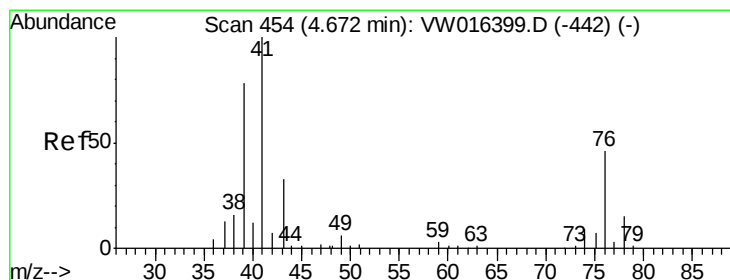
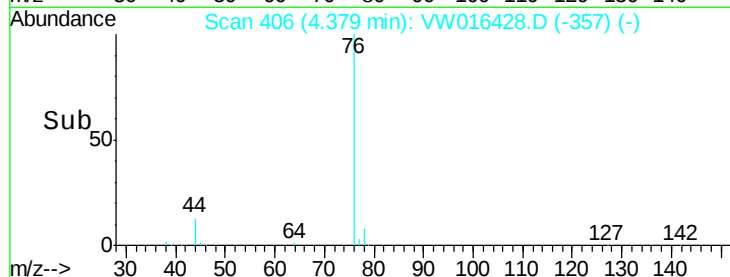
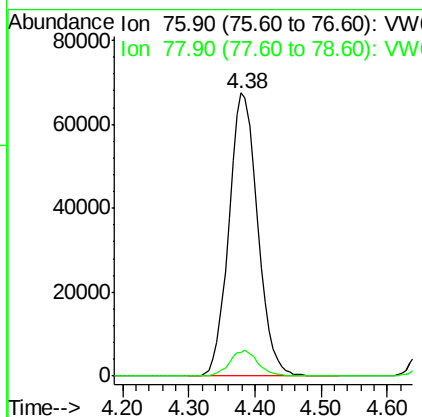
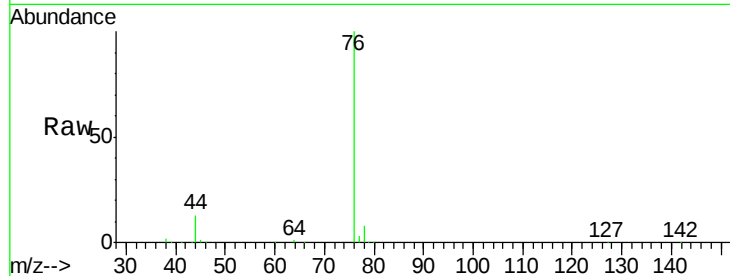
#17
Carbon Disulfide
Concen: 48.574 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.2

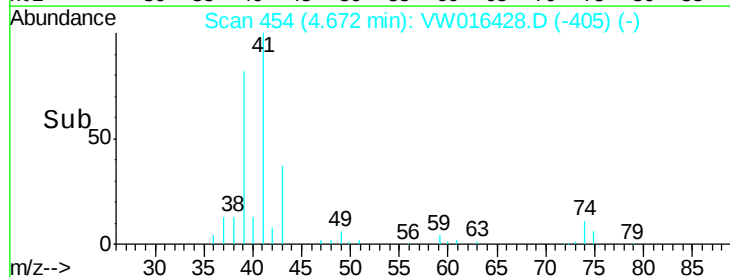
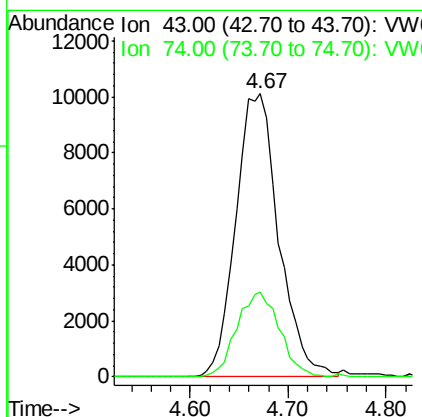
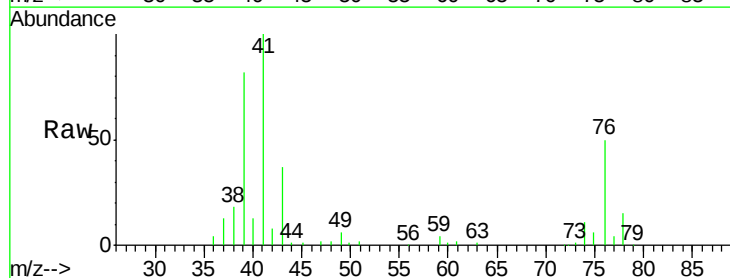
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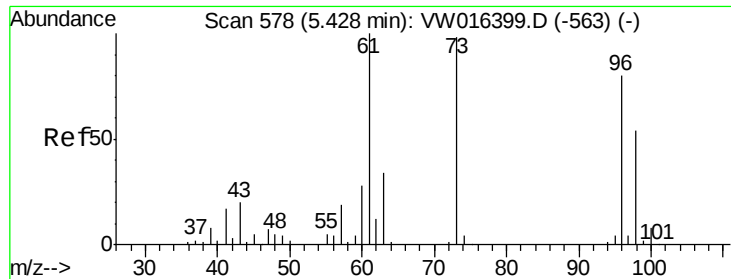
MMDadoda
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#18
Methyl Acetate
Concen: 50.891 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.8	23.2	34.8





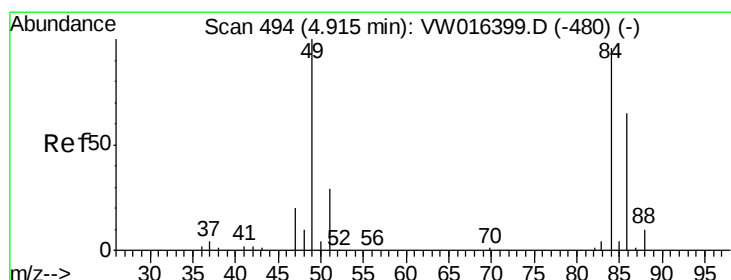
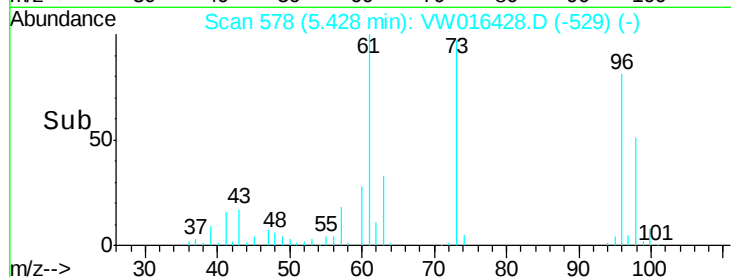
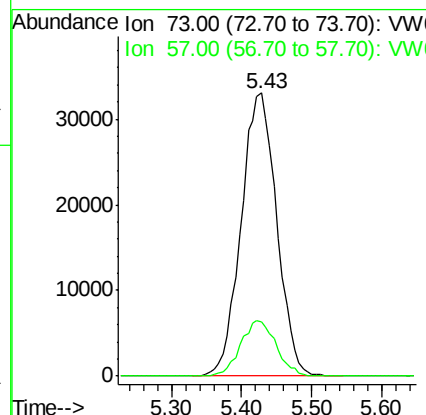
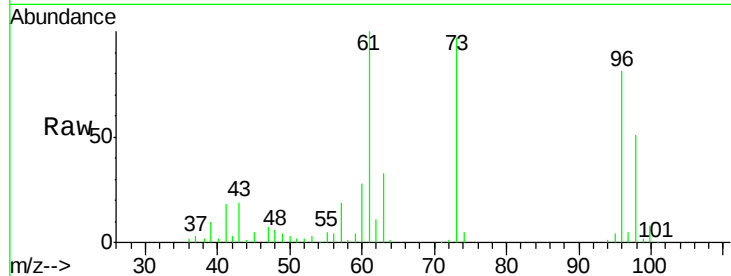
#19
Methyl tert-butyl Ether
Concen: 50.980 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 73 Resp: 116345
Ion Ratio Lower Upper
73 100
57 19.2 15.0 22.6

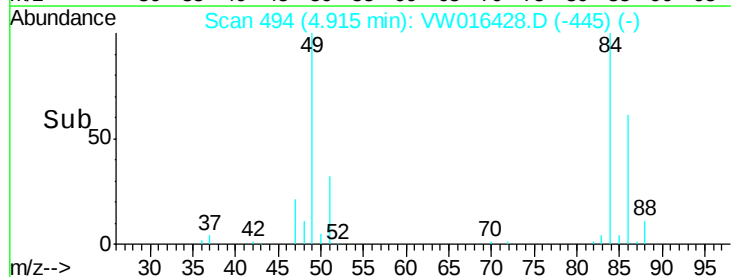
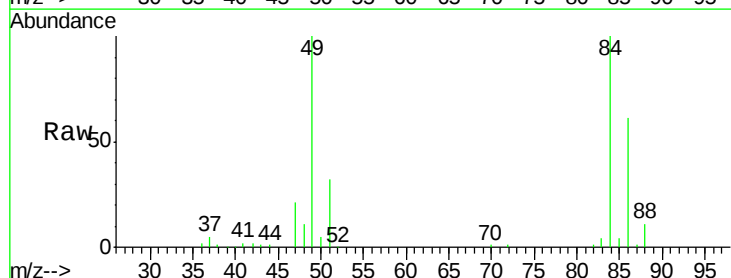
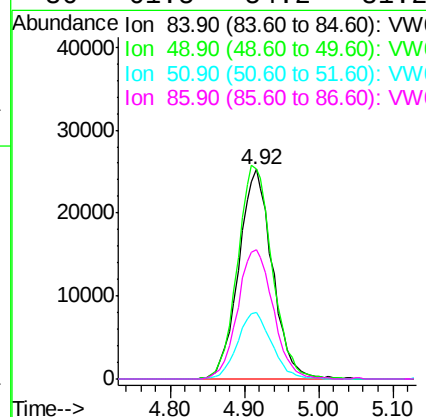
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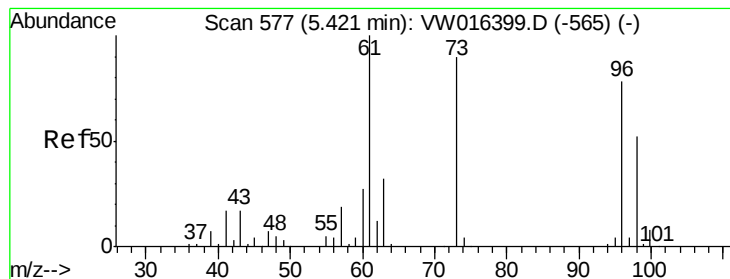
MMDadoda
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#20
Methylene Chloride
Concen: 47.270 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion: 84 Resp: 80003
Ion Ratio Lower Upper
84 100
49 100.2 83.2 124.8
51 31.7 24.4 36.6
86 61.5 54.2 81.2





#21

trans-1,2-Dichloroethene

Concen: 49.761 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

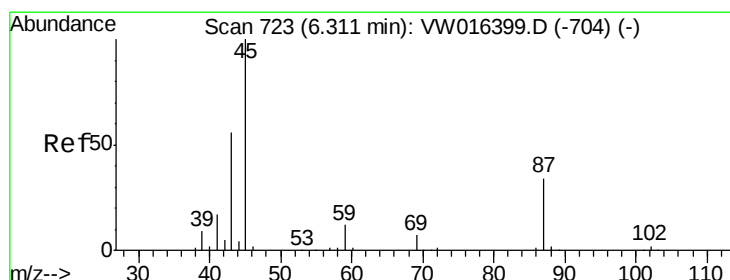
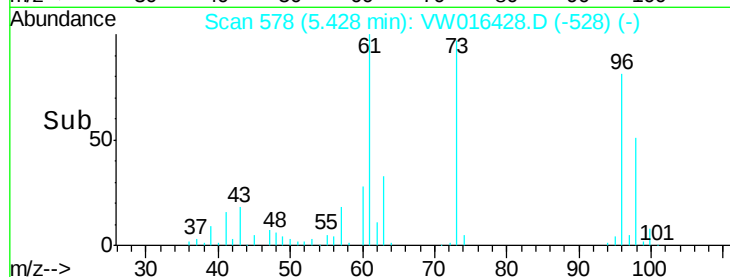
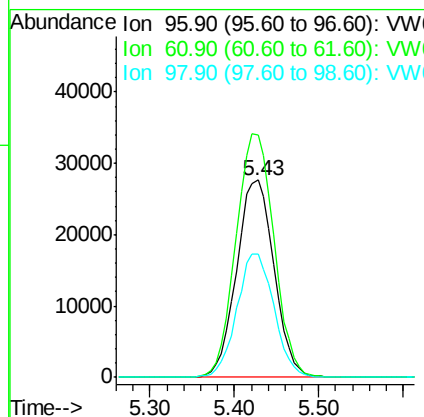
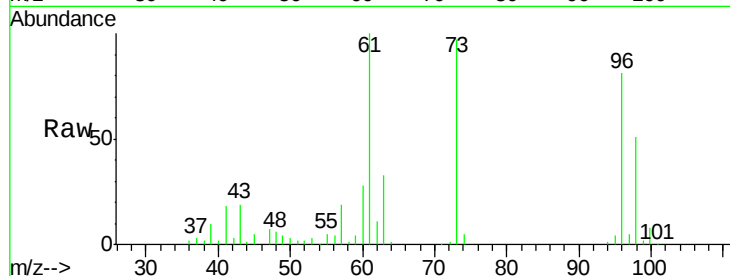
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	83310
Ion	Ratio	Lower	Upper
96	100		
61	122.9	103.0	154.6
98	62.5	53.8	80.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.911 ug/l

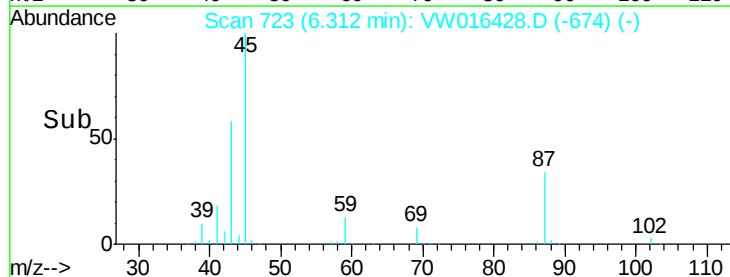
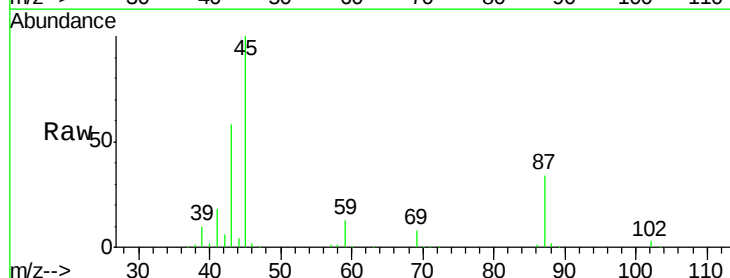
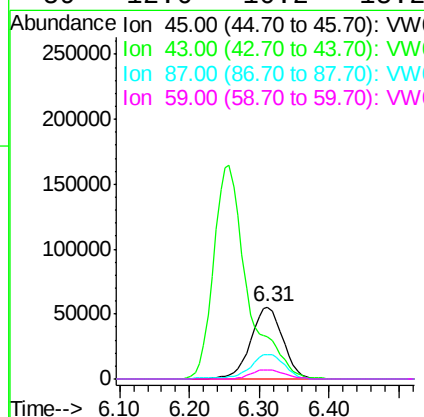
RT: 6.31 min Scan# 723

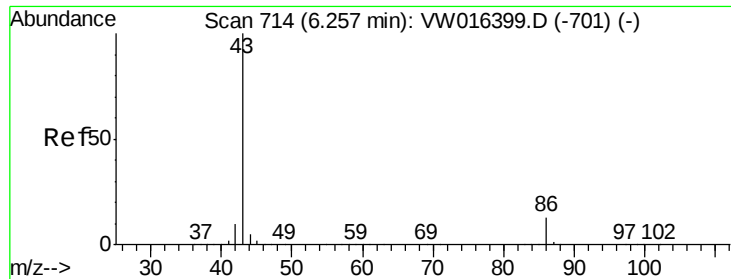
Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Tgt Ion:	45	Resp:	177078
Ion	Ratio	Lower	Upper
45	100		
43	57.4	44.6	67.0
87	34.4	27.5	41.3
59	12.6	10.2	15.2





#23

Vinyl Acetate

Concen: 243.177 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 550798

Ion Ratio Lower Upper

43 100

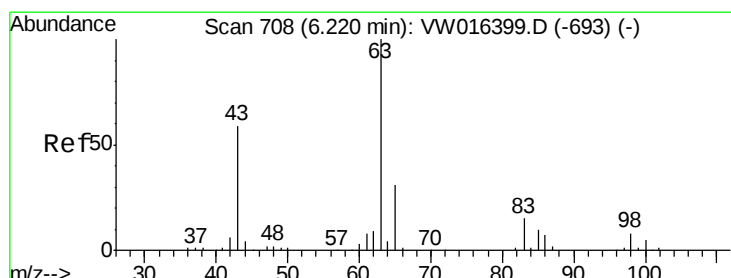
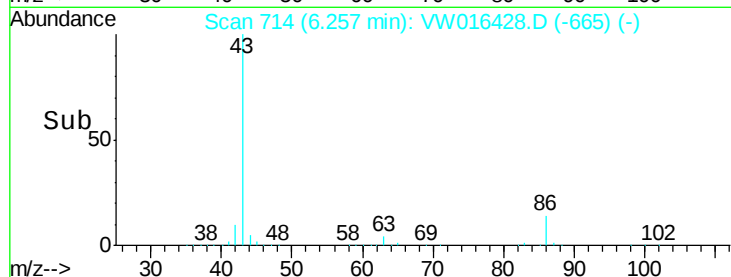
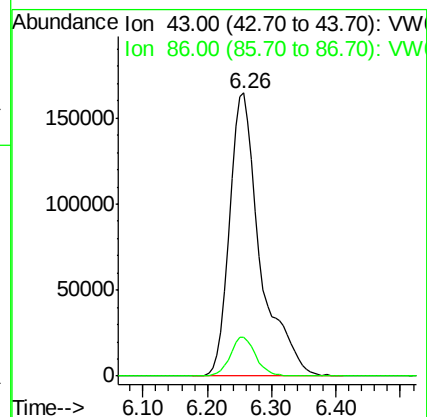
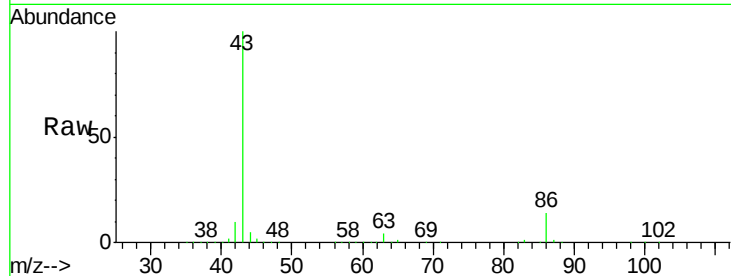
86 13.9 10.6 15.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.199 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

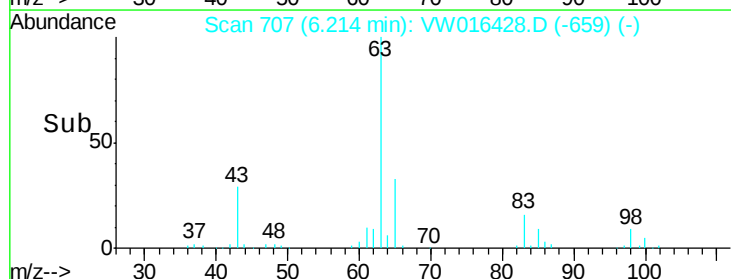
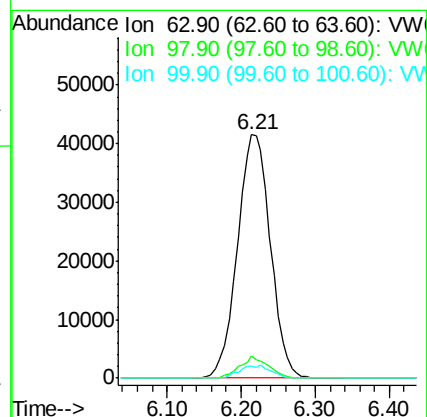
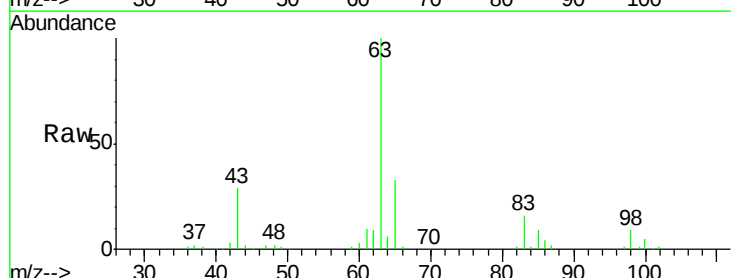
Tgt Ion: 63 Resp: 128436

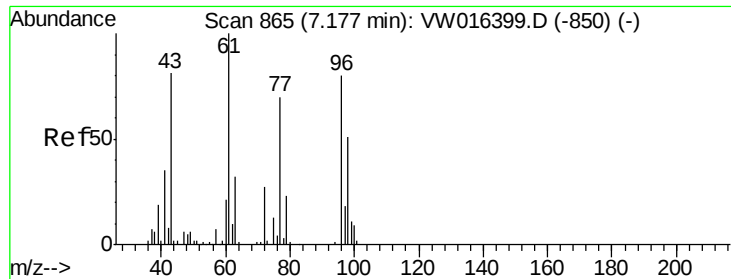
Ion Ratio Lower Upper

63 100

98 8.9 3.8 11.2

100 5.1 2.5 7.5





#25

2-Butanone

Concen: 246.829 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 89353

Ion Ratio Lower Upper

43 100

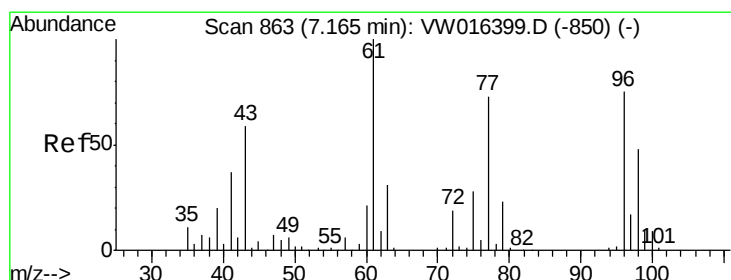
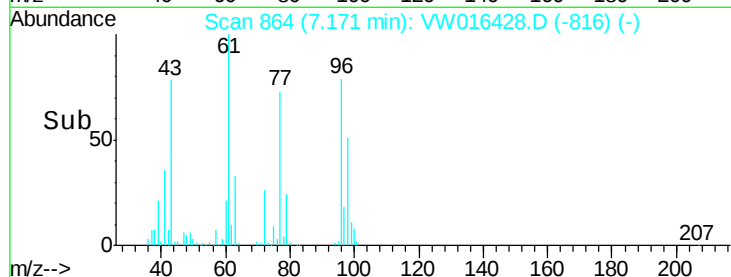
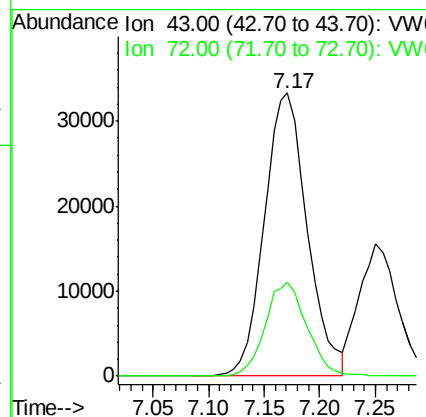
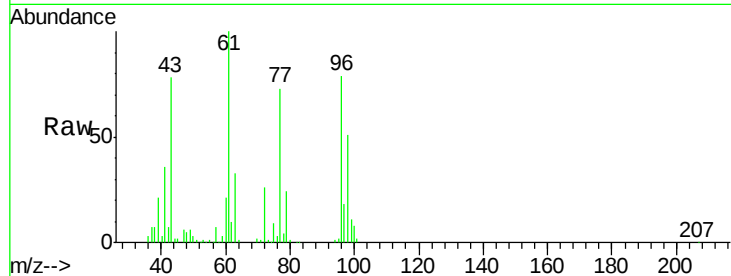
72 33.1 26.7 40.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.318 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW016428.D

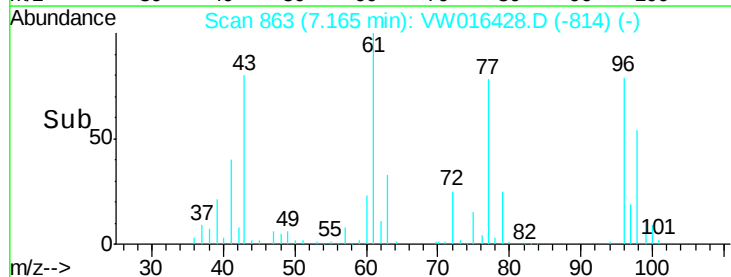
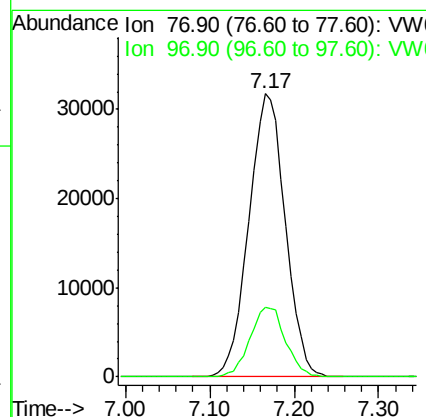
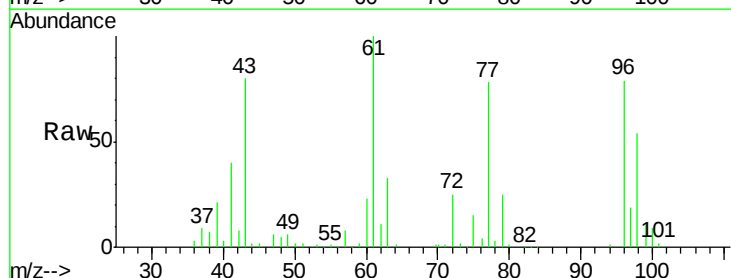
Acq: 31 Aug 2020 22:18

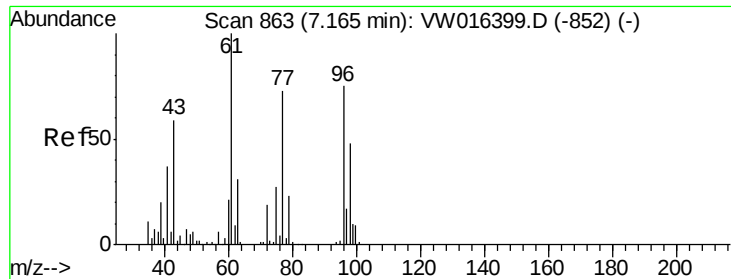
Tgt Ion: 77 Resp: 93265

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0





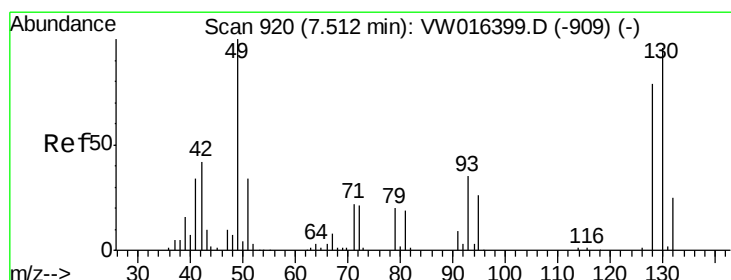
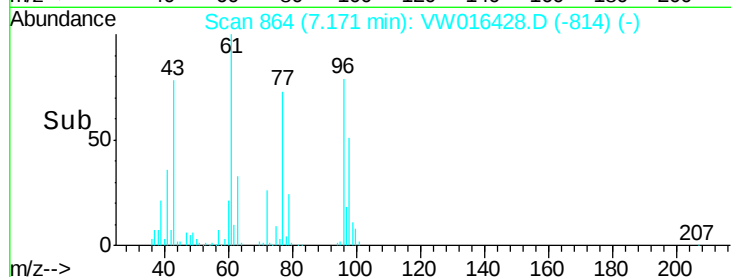
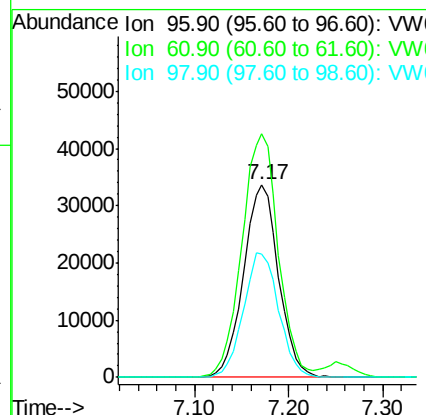
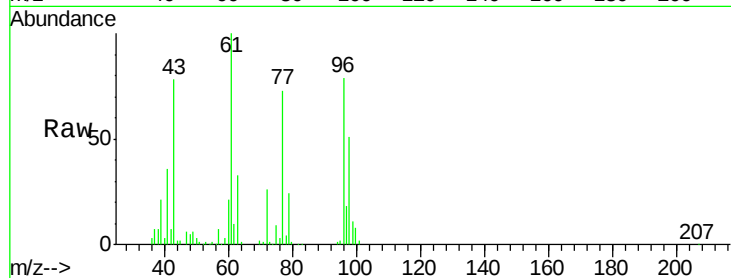
#27
 cis-1,2-Dichloroethene
 Concen: 48.166 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	268.6
98	65.3	0.0	130.0

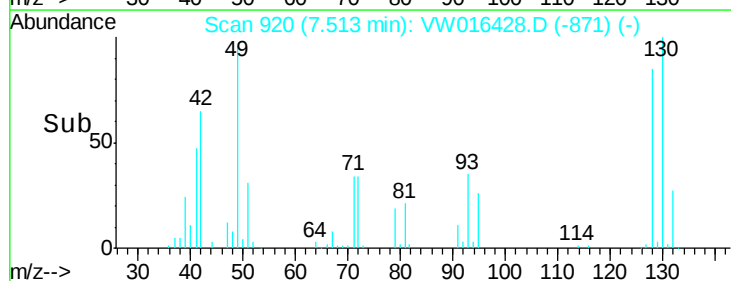
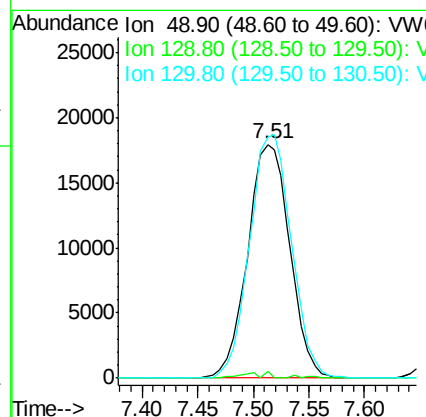
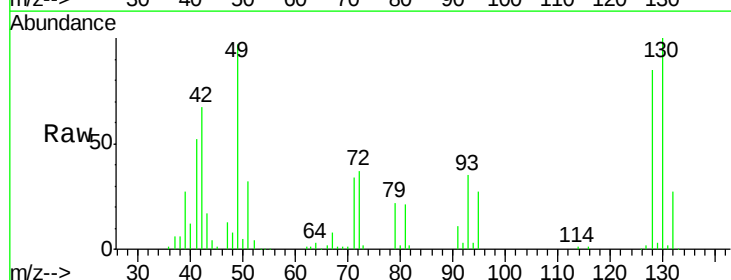
Manual Integrations
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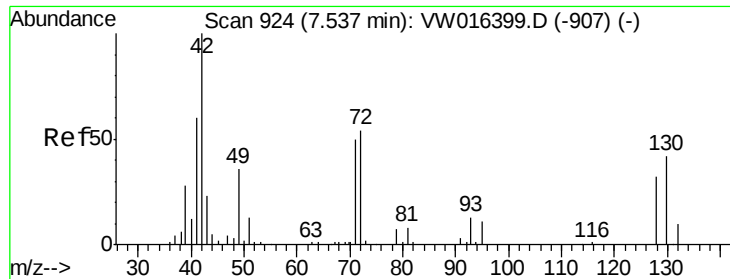
MMDadoda
 9/1/2020 12:40:22 PM



#28
 Bromochloromethane
 Concen: 48.837 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	1.8
130	103.4	80.8	121.2





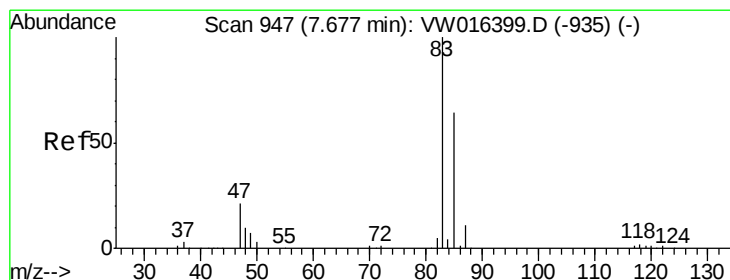
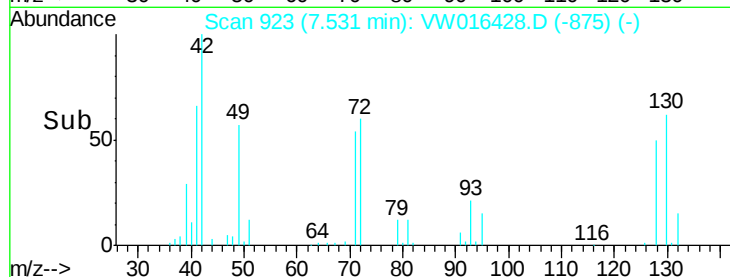
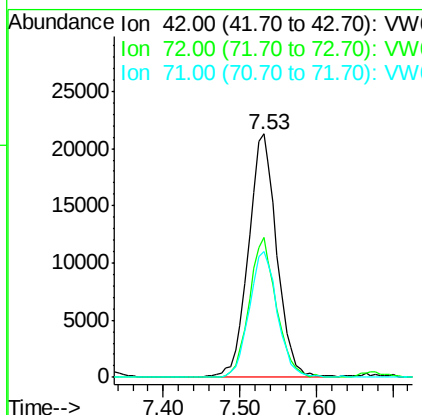
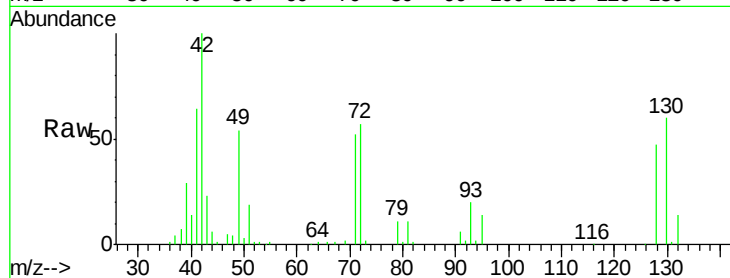
#29
Tetrahydrofuran
Concen: 253.548 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.1	42.3	63.5
71	51.4	39.5	59.3

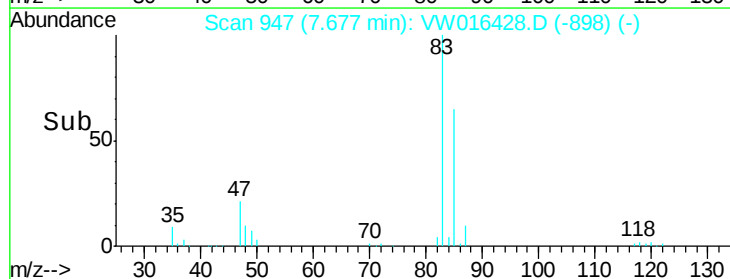
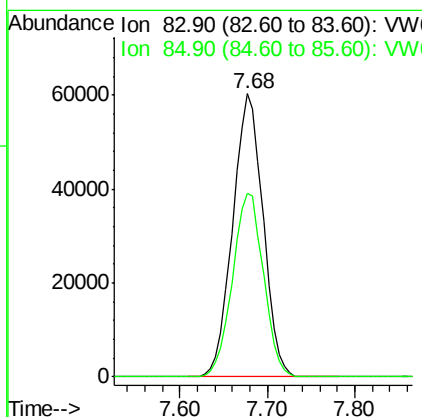
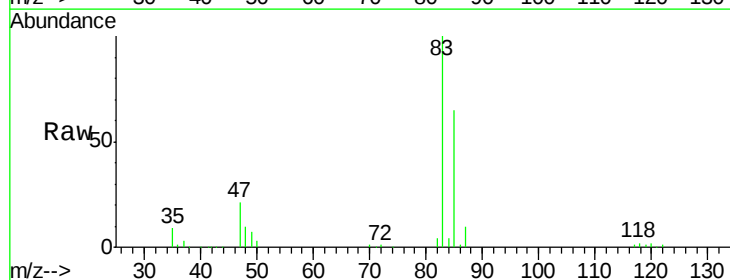
Manual Integrations
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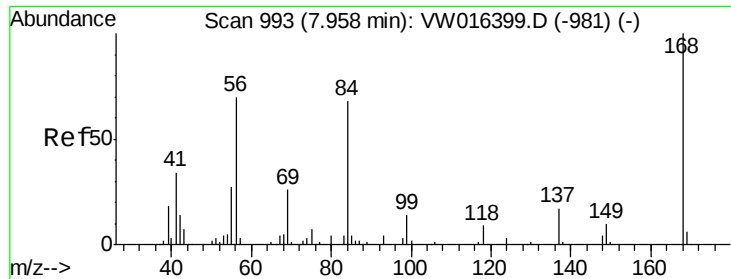
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#30
Chloroform
Concen: 49.091 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4





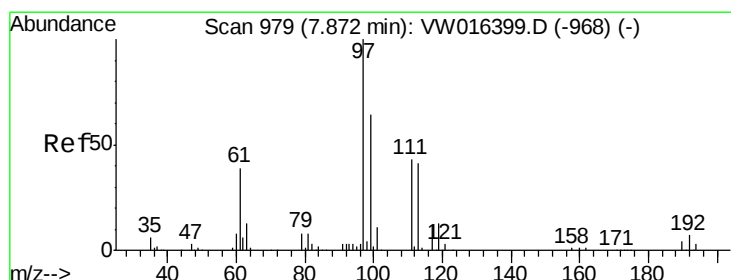
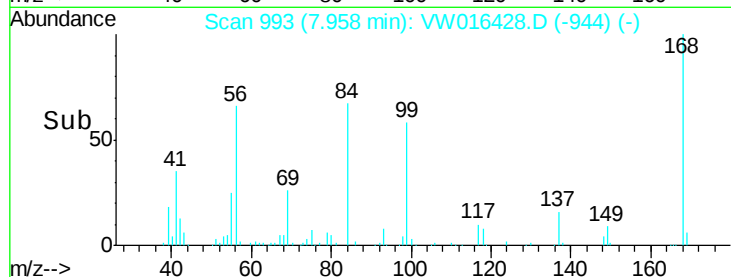
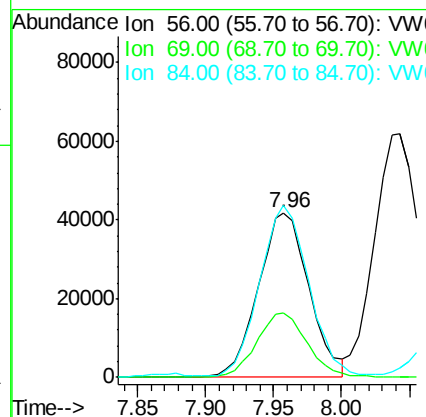
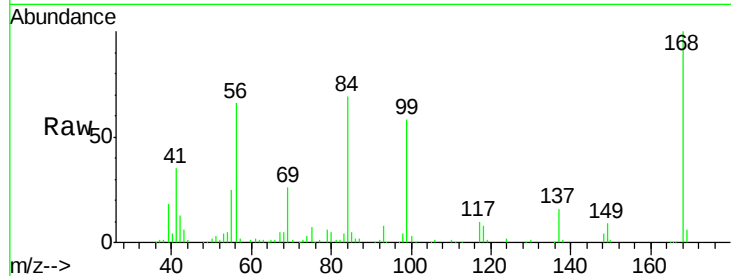
#31
Cyclohexane
Concen: 44.515 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	69	84
Ion	100	39.3	103.1
Ratio			
Lower		30.0	77.4
Upper		45.0	116.2

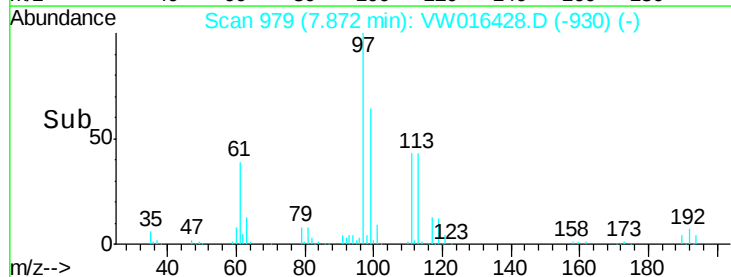
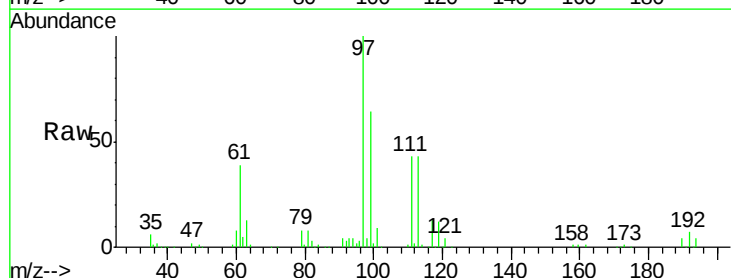
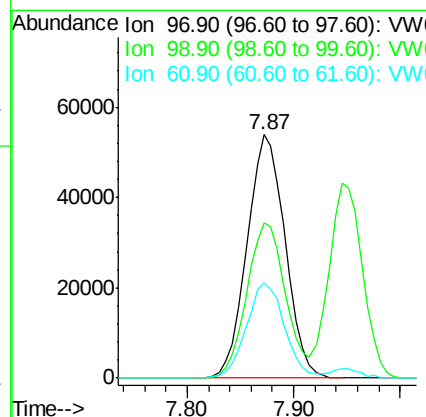
Manual Integrations
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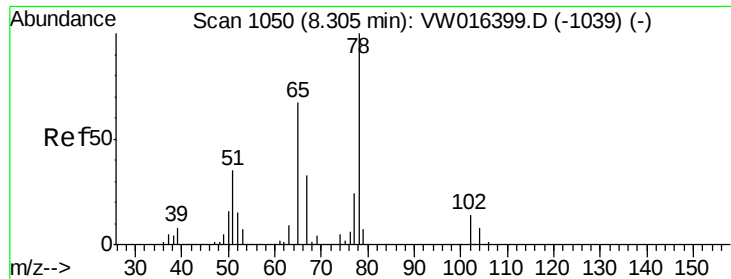
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#32
1,1,1-Trichloroethane
Concen: 50.665 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	97	99	61
Ion	100	65.3	39.0
Ratio			
Lower		52.0	31.0
Upper		78.0	46.6





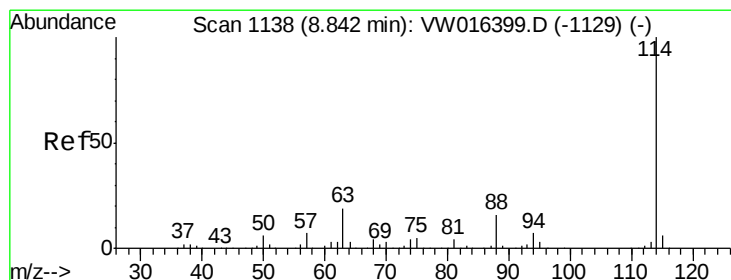
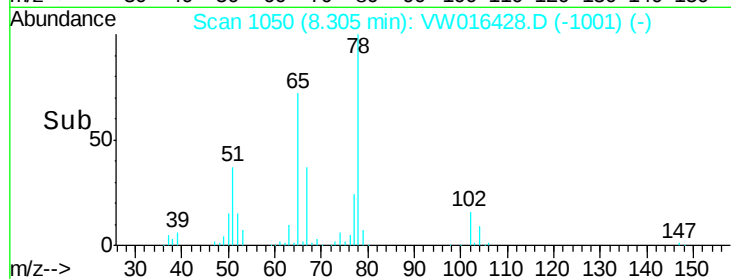
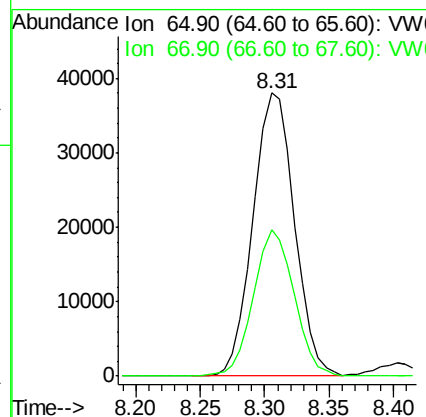
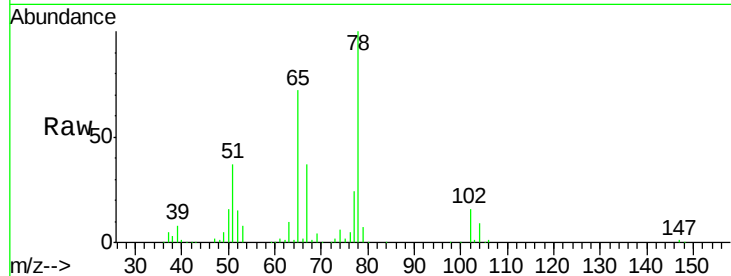
#33
 1,2-Dichloroethane-d4
 Concen: 54.106 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	85012		
67	50.7	0.0	100.2	

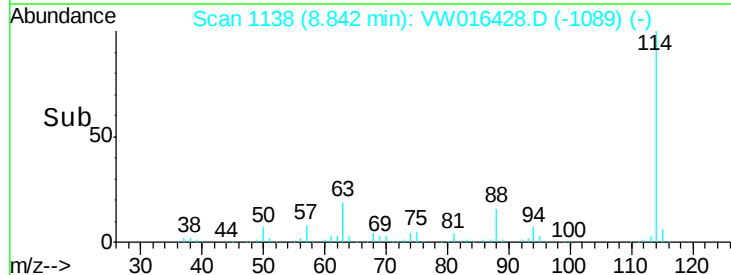
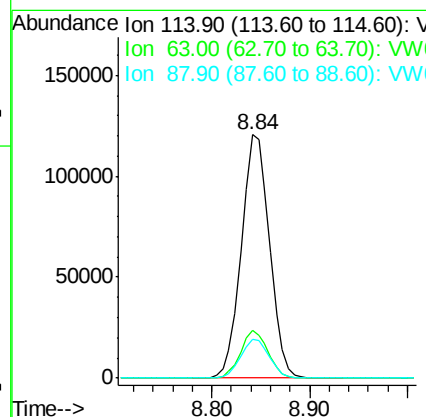
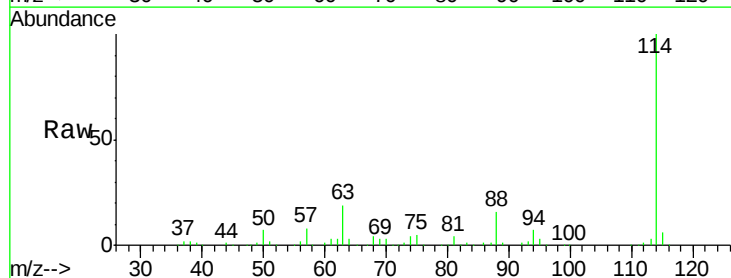
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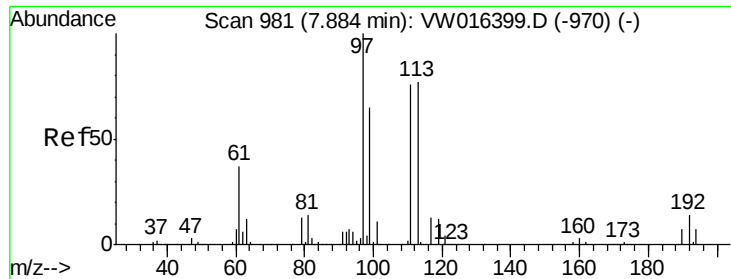
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	240565		
63	19.4	0.0	37.8	
88	15.7	0.0	31.2	





#35

Dibromofluoromethane

Concen: 53.396 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

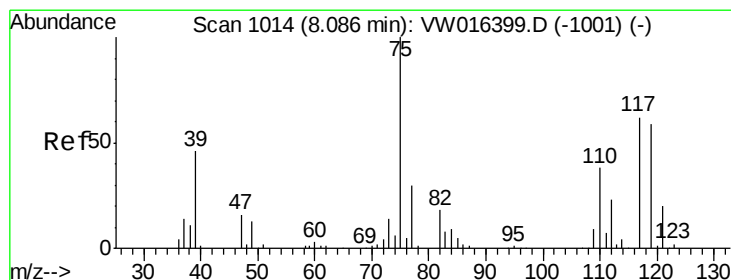
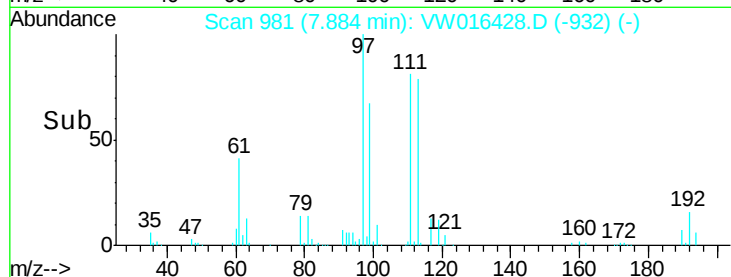
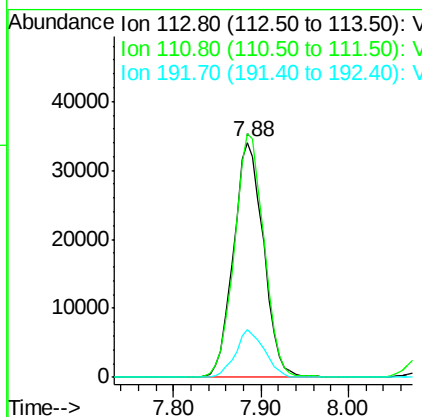
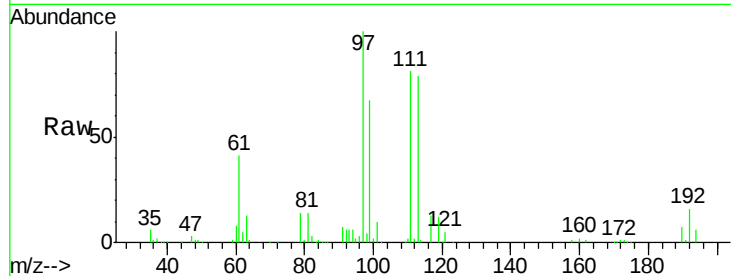
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	81307
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.1	123.1
192	19.5	15.5	23.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.127 ug/l

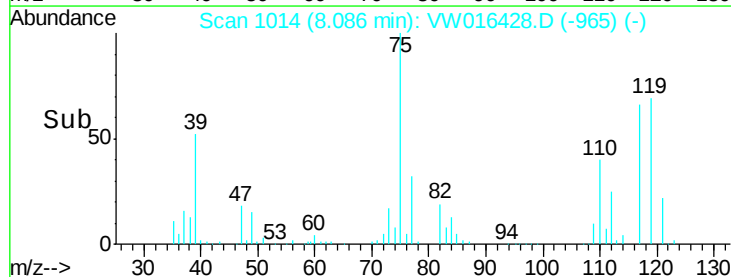
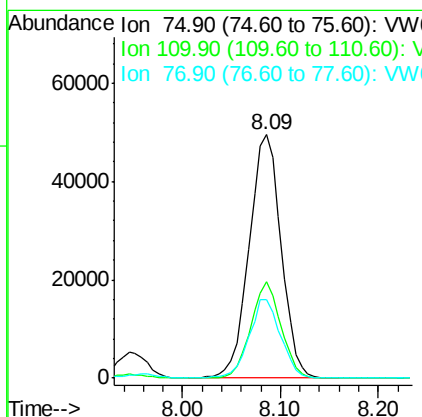
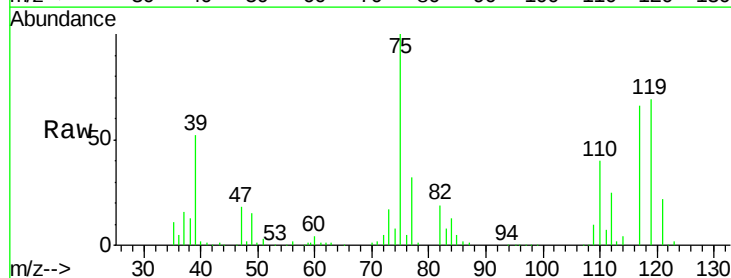
RT: 8.09 min Scan# 1014

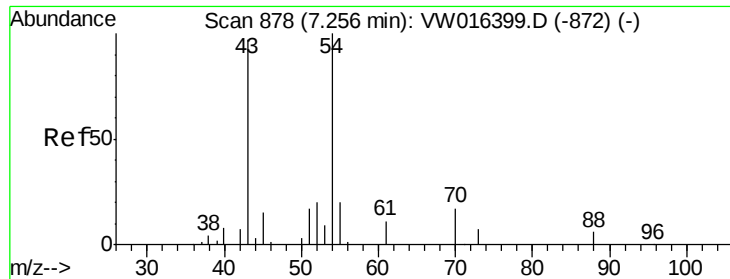
Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Tgt Ion:	75	Resp:	112471
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.6	56.0
77	31.7	25.1	37.7





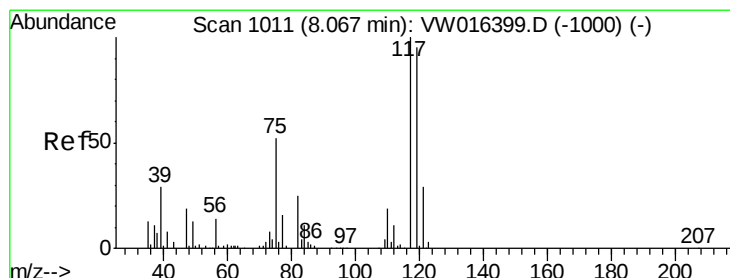
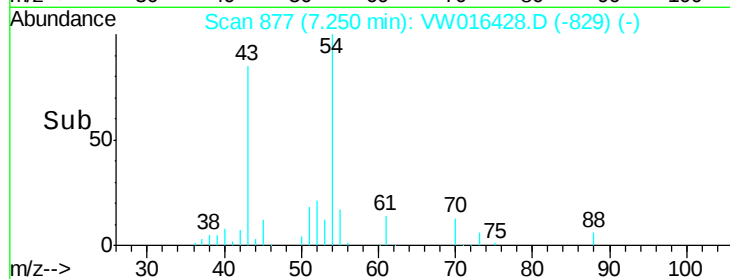
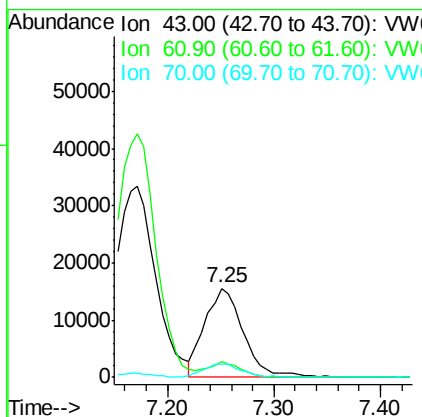
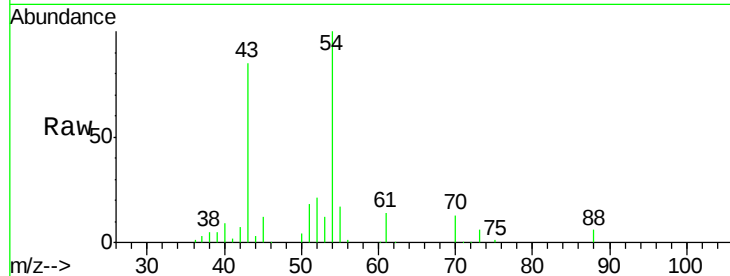
#37
Ethyl Acetate
Concen: 49.823 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	14.8	10.7	16.1

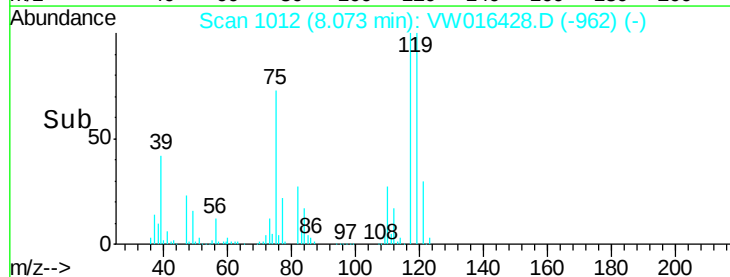
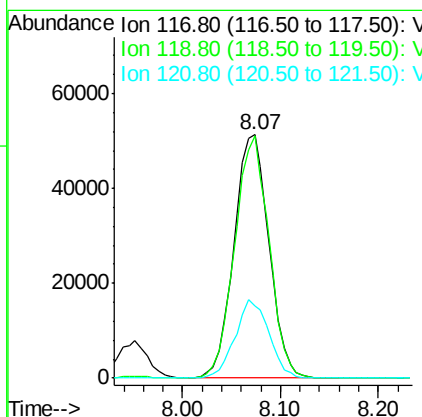
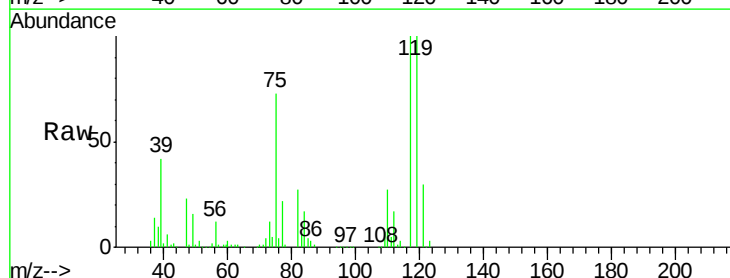
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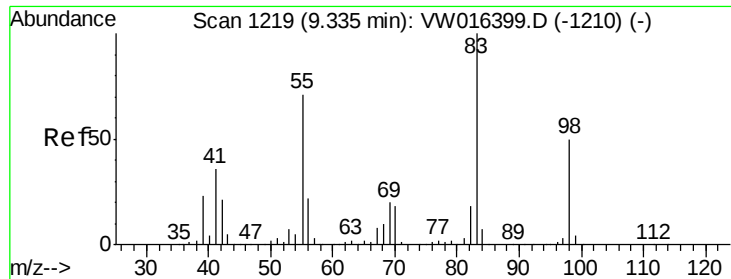
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#38
Carbon Tetrachloride
Concen: 50.752 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	76.3	114.5
121	29.9	23.0	34.6





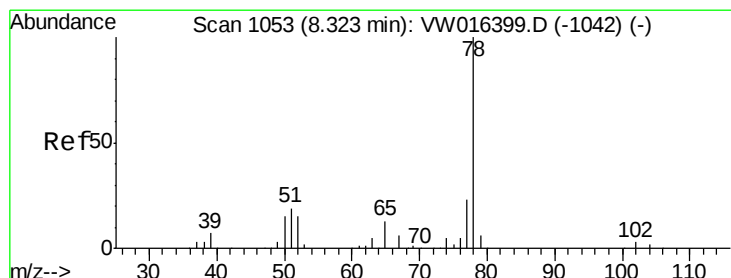
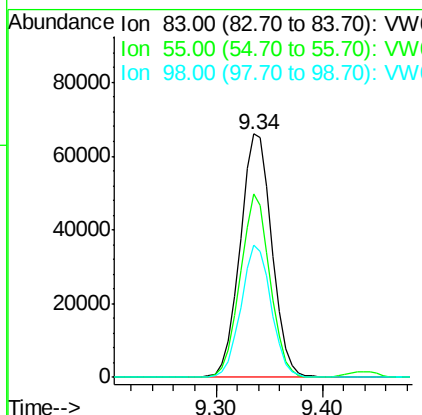
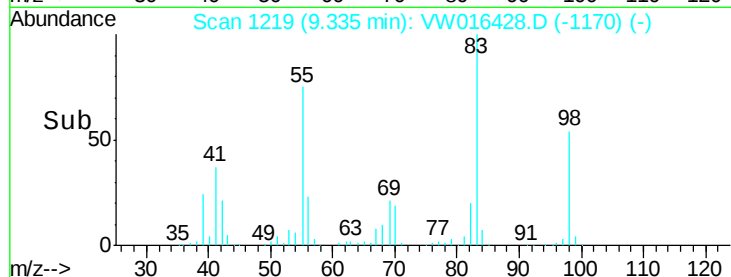
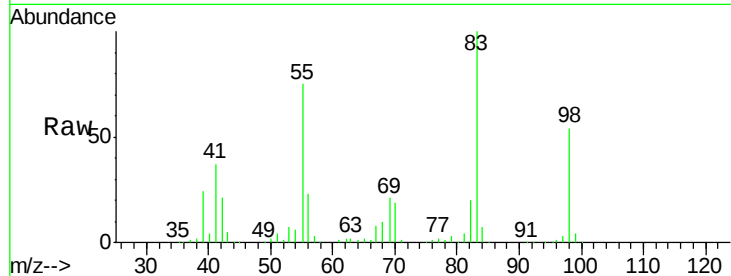
#39
Methvlcvclohexane
Concen: 49.862 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	138222
Ion	Ratio	Lower	Upper
83	100		
55	75.3	57.0	85.6
98	54.3	39.9	59.9

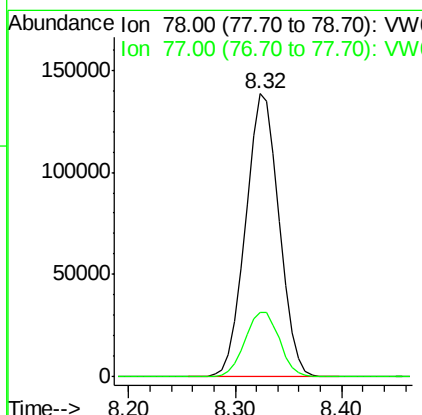
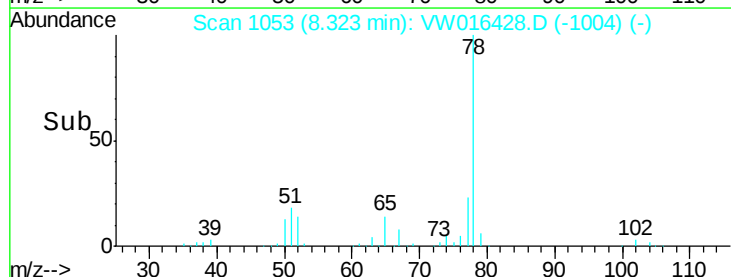
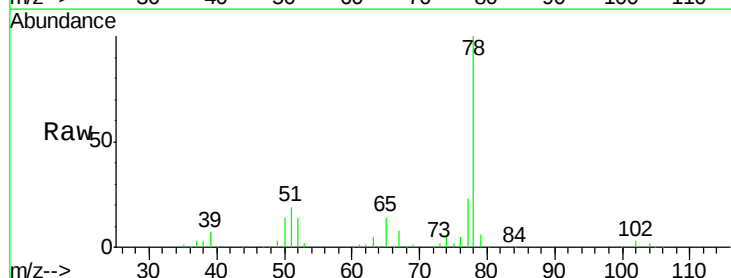
Manual Integrations
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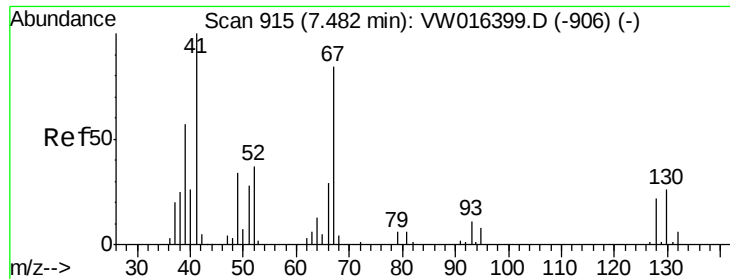
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#40
Benzene
Concen: 49.881 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	78	Resp	305736
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	27.8





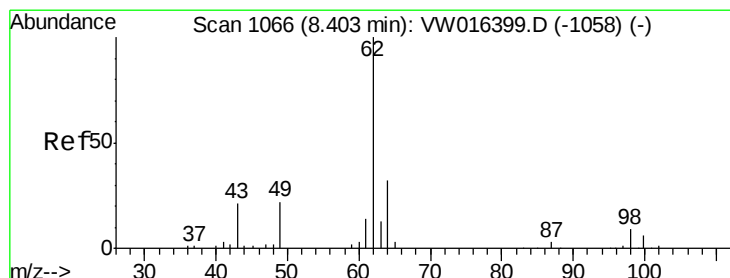
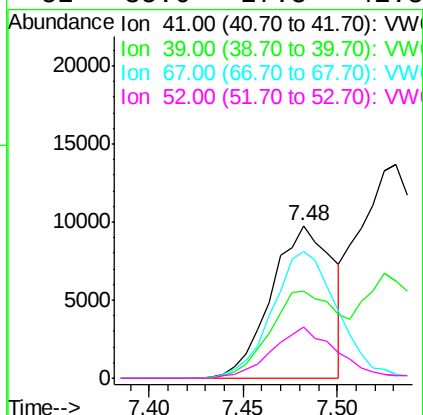
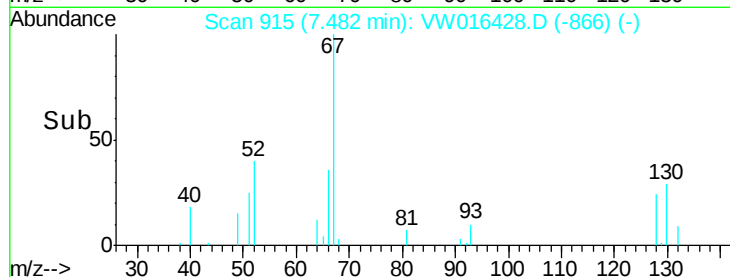
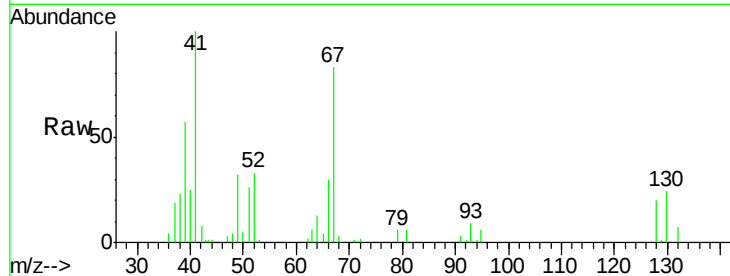
#41
Methacrylonitrile
Concen: 49.649 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	22171
Ion	Ratio	Lower	Upper
41	100		
39	64.9	45.4	68.2
67	88.2	65.8	98.6
52	35.6	27.8	41.8

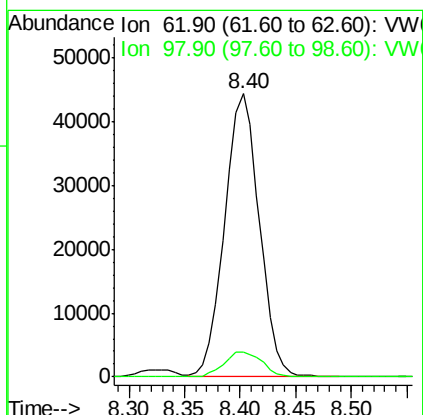
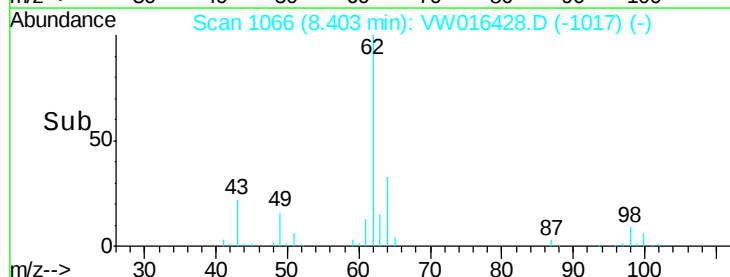
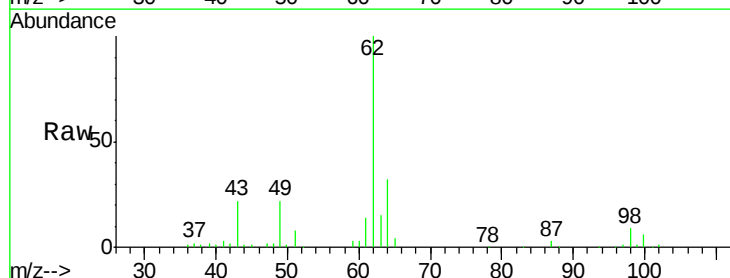
Manual Integrations
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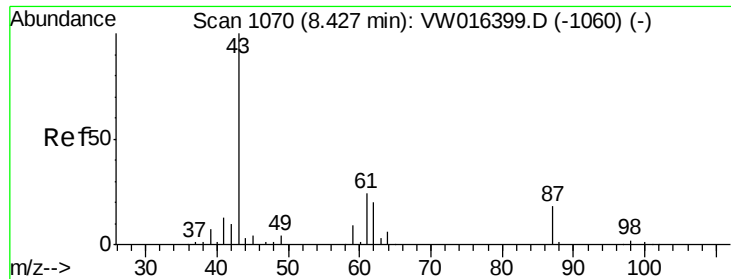
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.212 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	62	Resp	95745
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





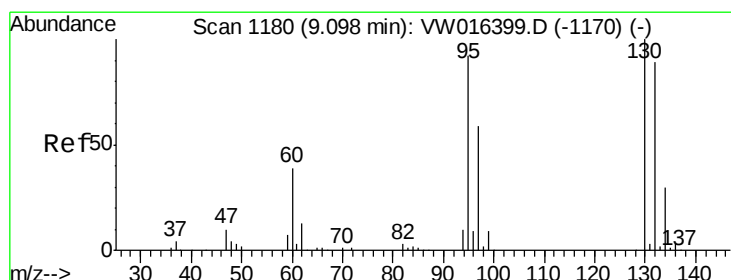
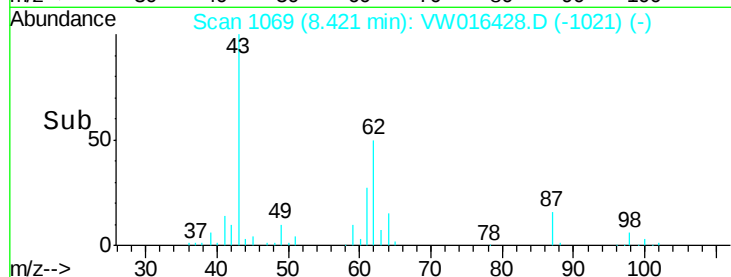
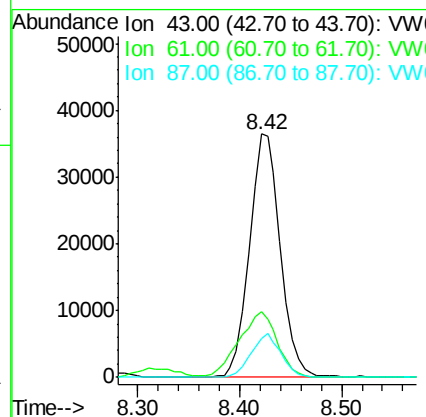
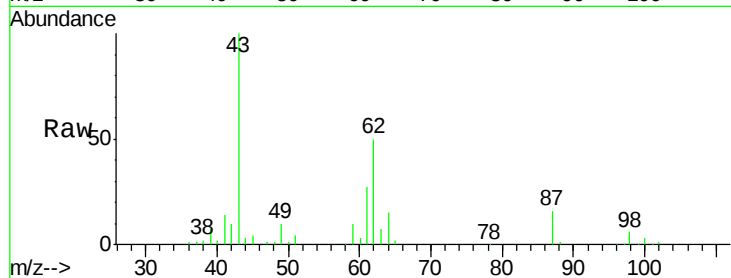
#43
Isopropyl Acetate
Concen: 49.458 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.5	27.5	41.3
87	17.4	13.5	20.3

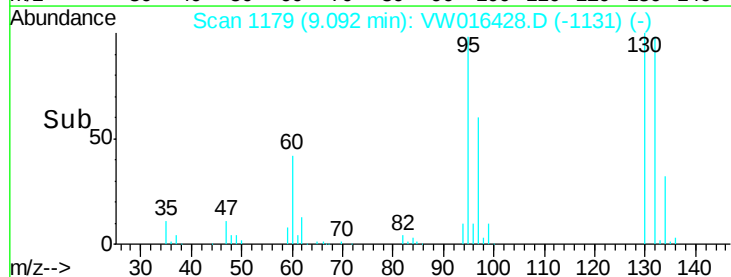
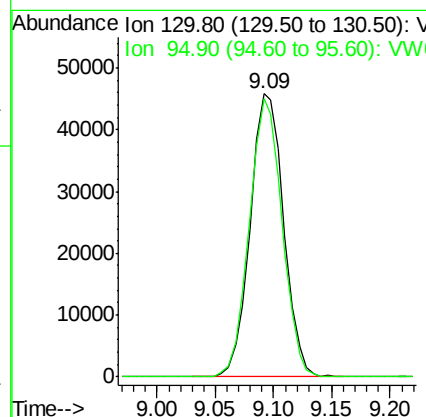
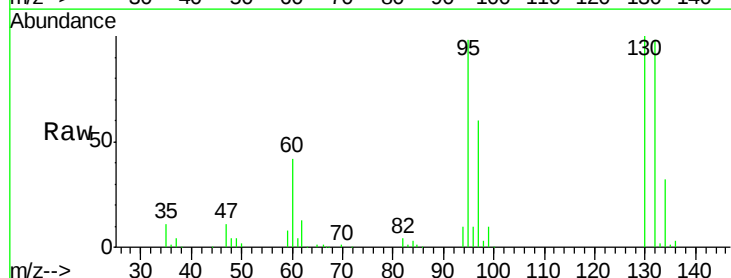
Manual Integrations
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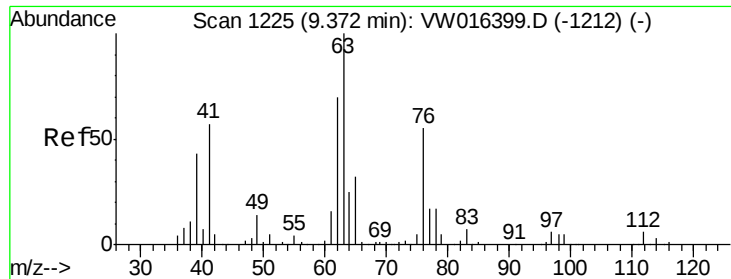
MMDadoda
9/1/2020 12:40:22 PM



#44
Trichloroethene
Concen: 49.806 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	183.4





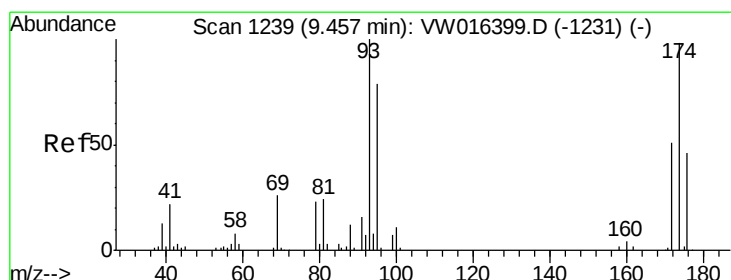
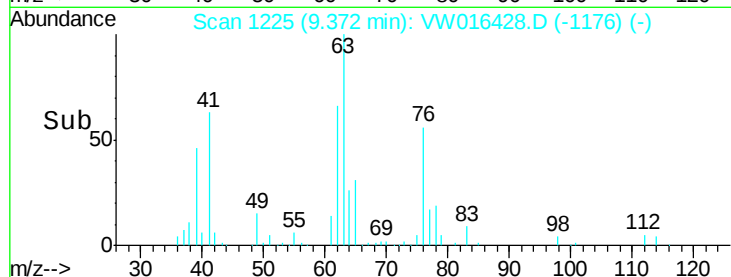
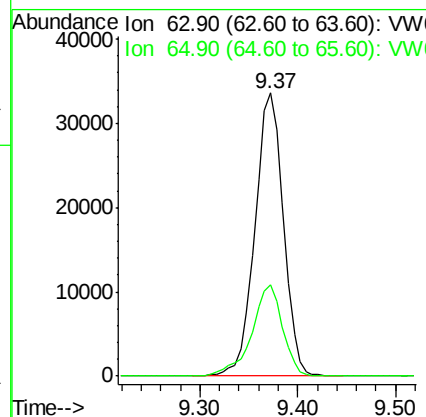
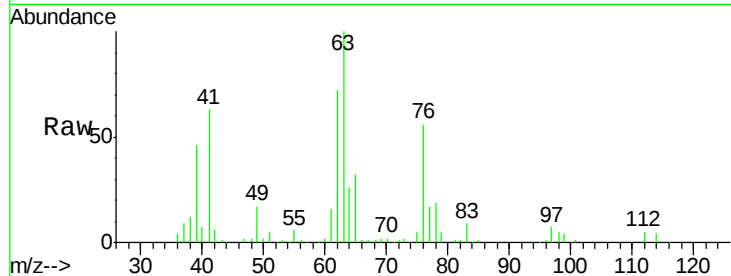
#45
 1,2-Dichloropropane
 Concen: 47.678 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	63	Resp	67794
Ion Ratio	Lower	Upper	
63	100		
65	32.1	25.4	38.0

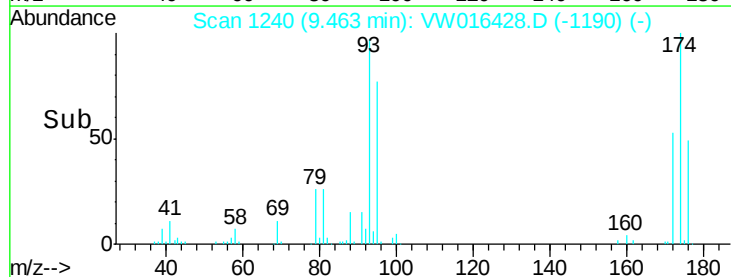
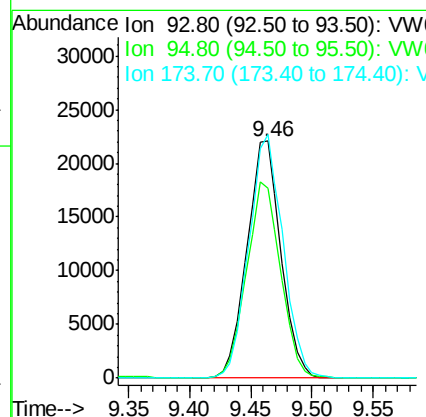
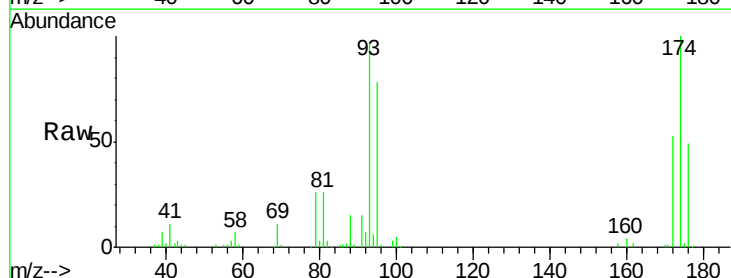
Manual Integrations
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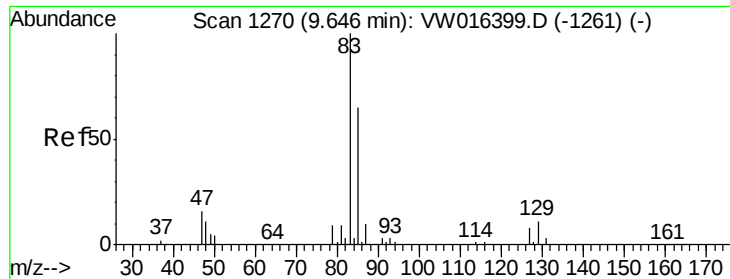
MMDadoda
 9/1/2020 12:40:22 PM



#46
 Dibromomethane
 Concen: 50.409 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion	93	Resp	42586
Ion Ratio	Lower	Upper	
93	100		
95	83.0	65.3	97.9
174	103.4	80.1	120.1





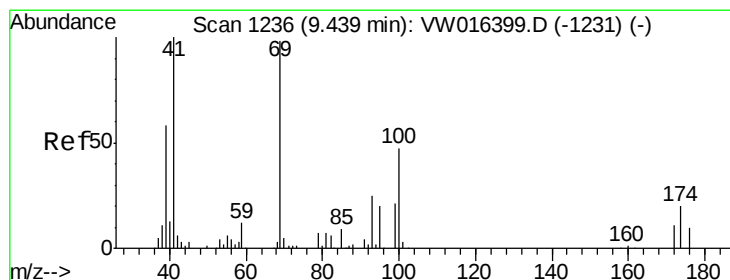
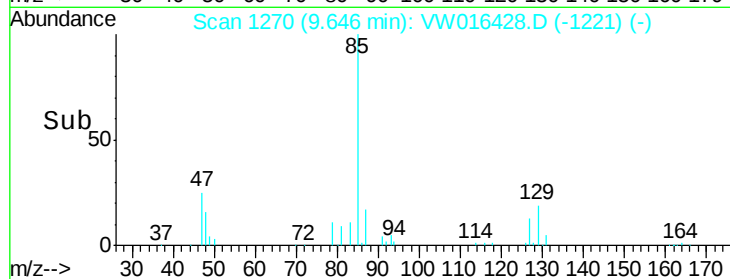
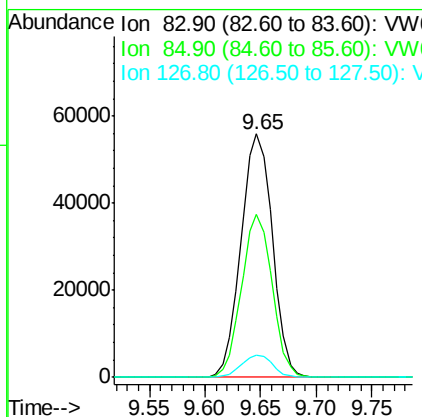
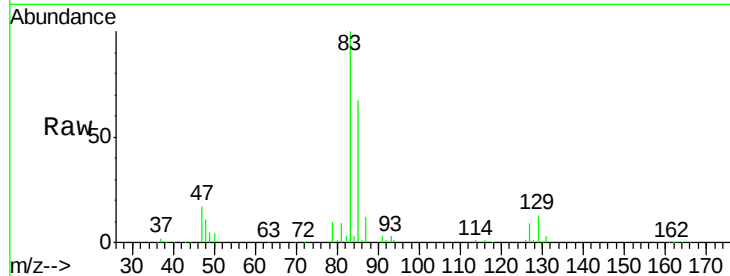
#47
Bromodichloromethane
Concen: 50.396 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	109804
Ion Ratio	100	Lower	Upper
83	100		
85	67.0	52.2	78.2
127	9.0	6.8	10.2

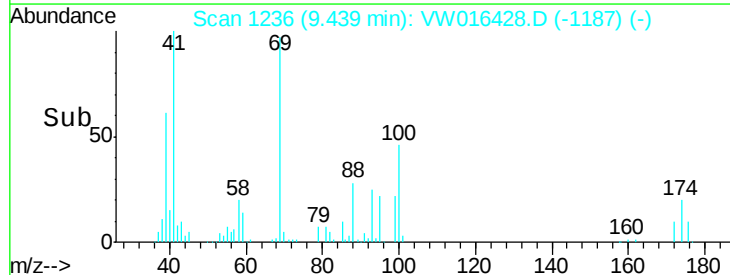
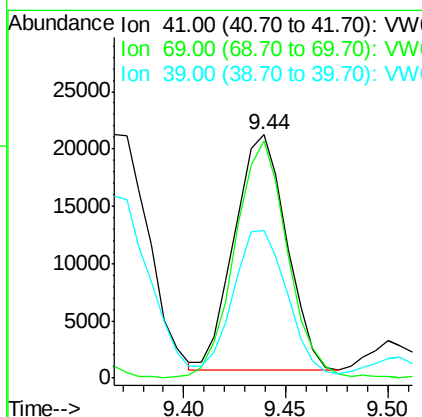
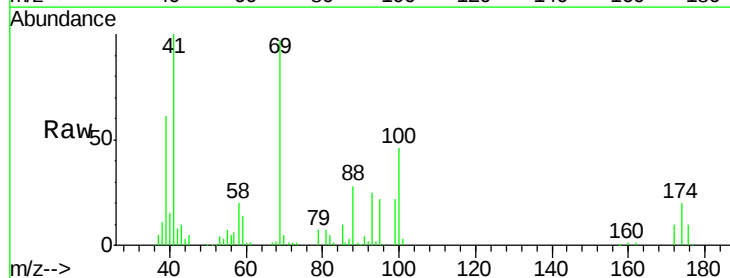
Manual Integrations
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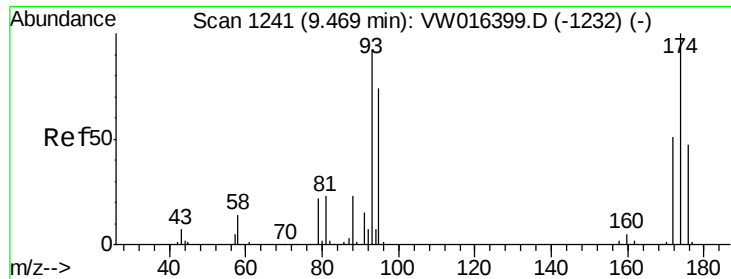
MMDadoda
9/1/2020 12:40:22 PM



#48
Methyl methacrylate
Concen: 49.655 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	41	Resp	36642
Ion Ratio	100	Lower	Upper
41	100		
69	101.6	83.5	125.3
39	62.1	48.7	73.1





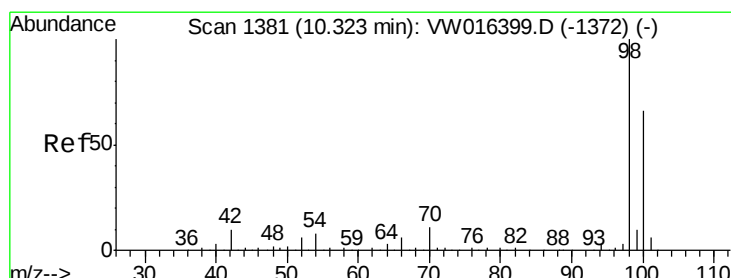
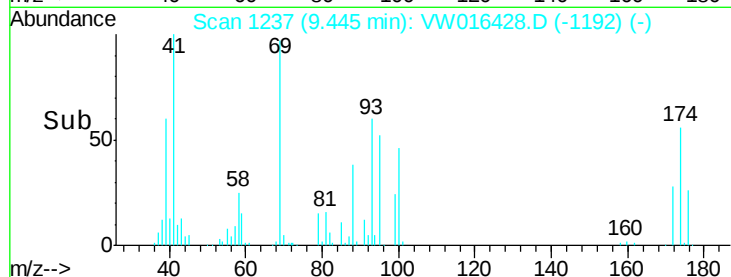
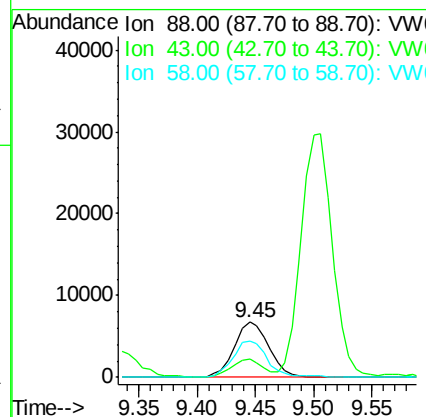
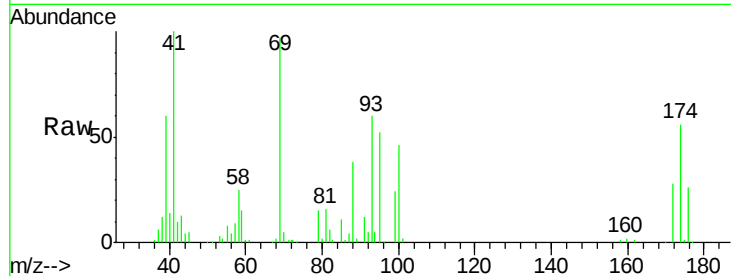
#49
1,4-Dioxane
Concen: 1222.499 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	14068
Ion	Ratio	Lower	Upper
88	100		
43	29.7	0.0	0.0#
58	66.0	53.5	80.3

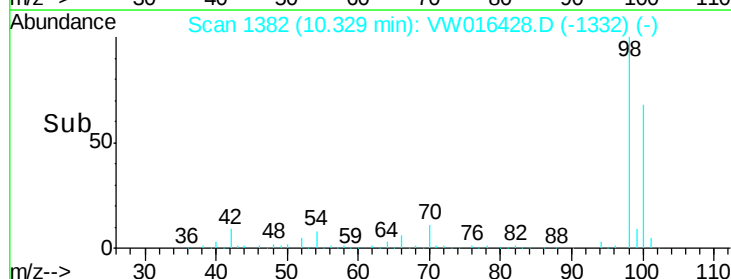
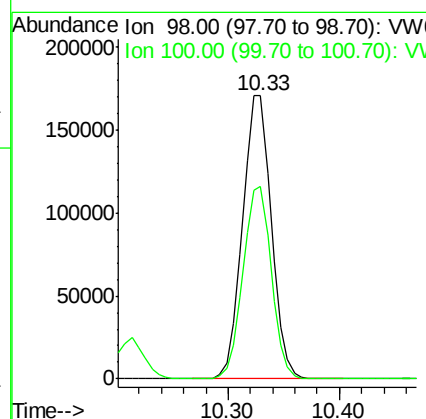
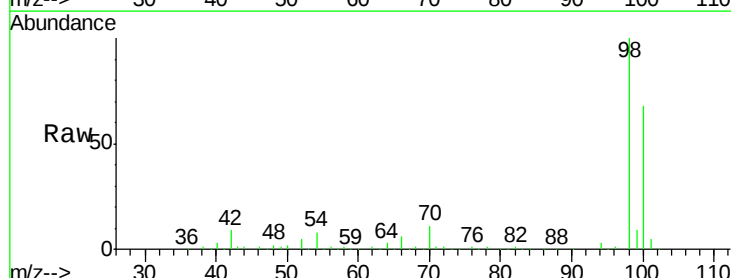
Manual Integrations
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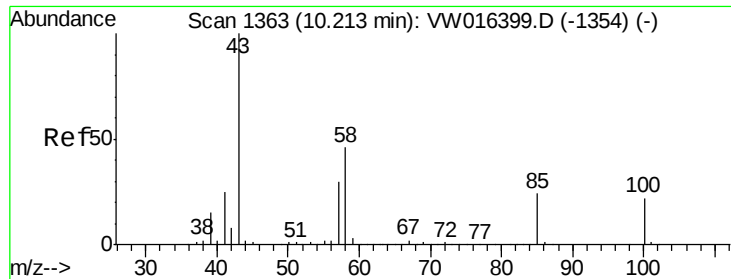
MMDadoda
9/1/2020 12:40:22 PM



#50
Toluene-d8
Concen: 53.635 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	98	Resp	305827
Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 255.614 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 195624

Ion Ratio Lower Upper

43 100

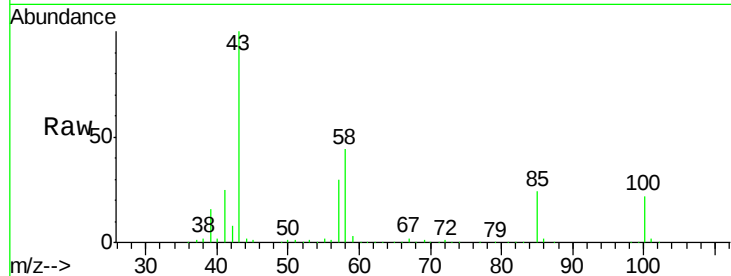
58 44.4 35.4 53.0

Manual Integrations

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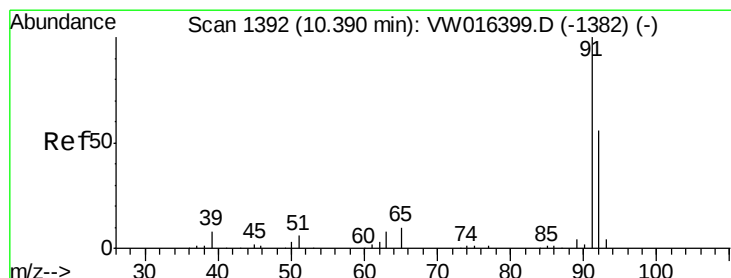
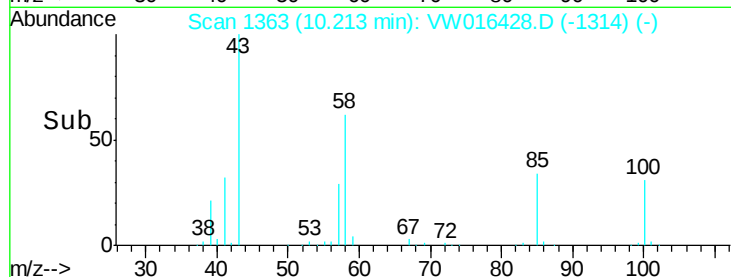
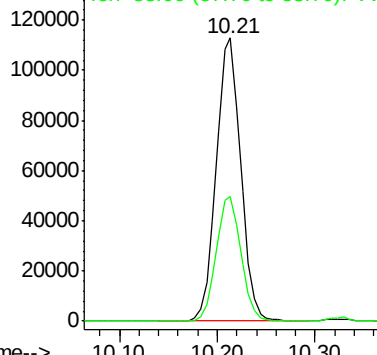
MMDadoda

9/1/2020 12:40:22 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 50.536 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016428.D

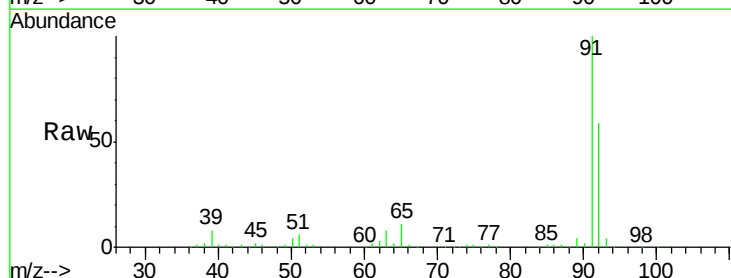
Acq: 31 Aug 2020 22:18

Tgt Ion: 92 Resp: 207677

Ion Ratio Lower Upper

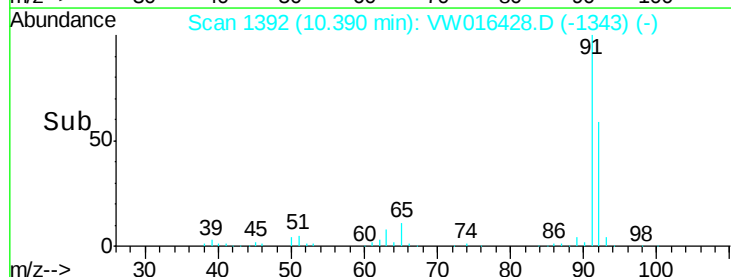
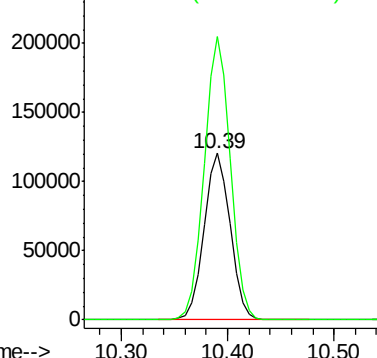
92 100

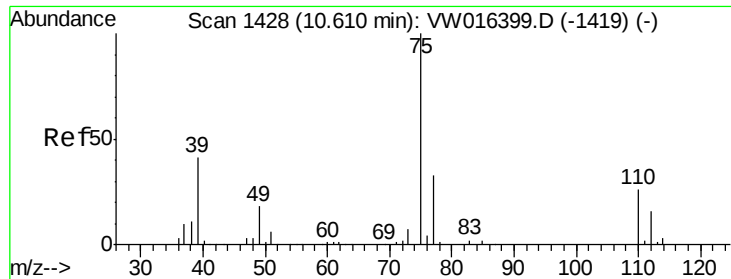
91 169.6 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





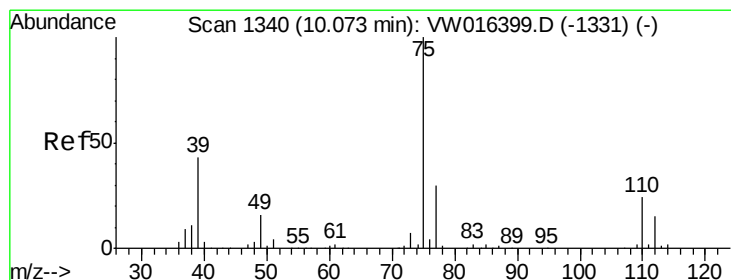
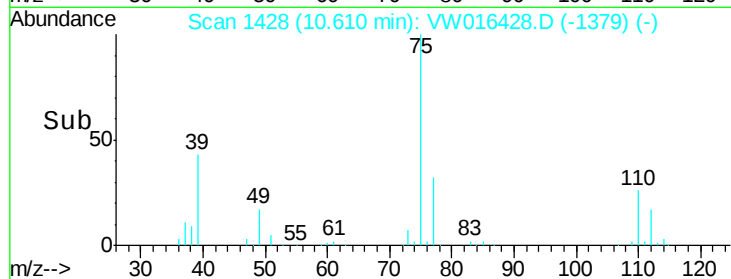
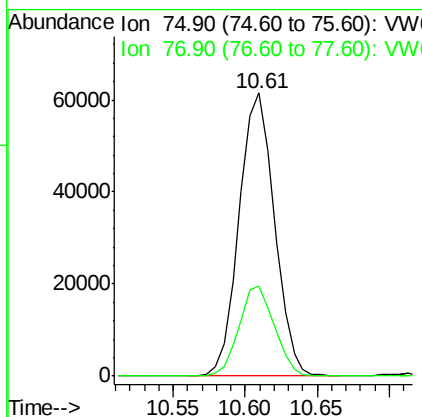
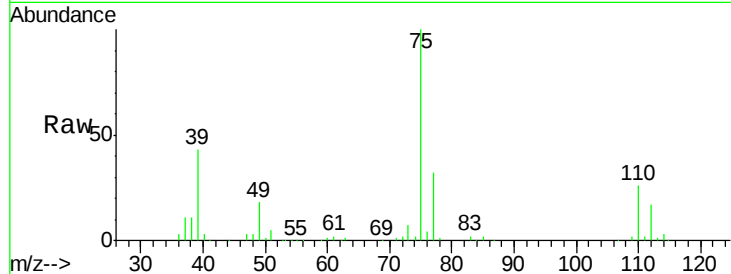
#53
 t-1,3-Dichloropropene
 Concen: 49.574 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 105045
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.1 39.1

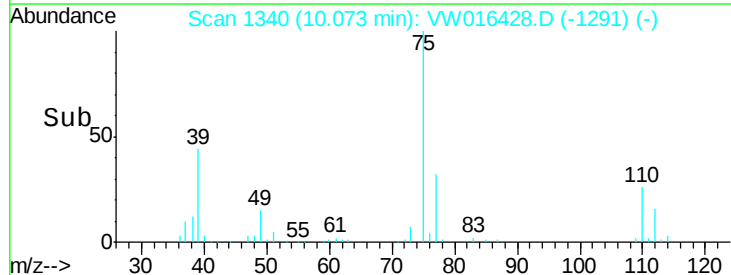
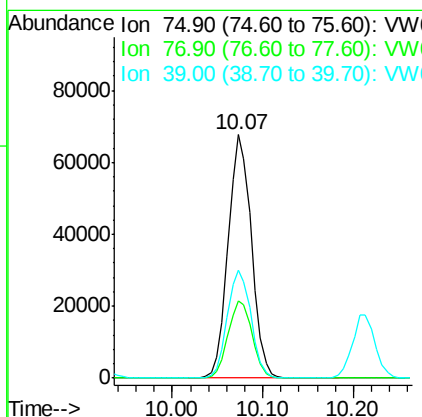
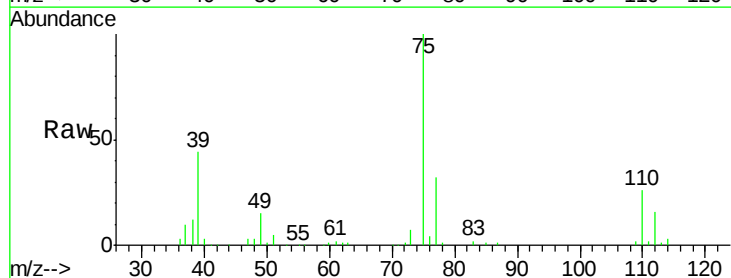
Manual Integrations
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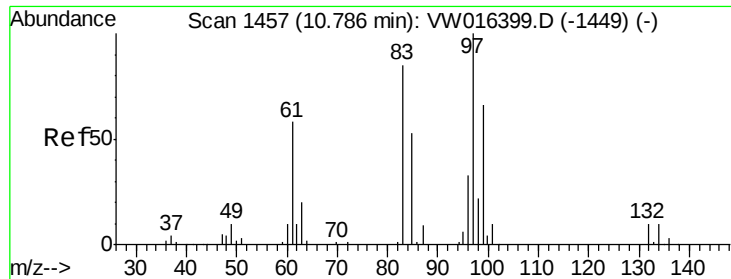
MMDadoda
 9/1/2020 12:40:22 PM



#54
 cis-1,3-Dichloropropene
 Concen: 48.827 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion: 75 Resp: 120552
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.4 36.6
 39 44.4 34.6 51.8





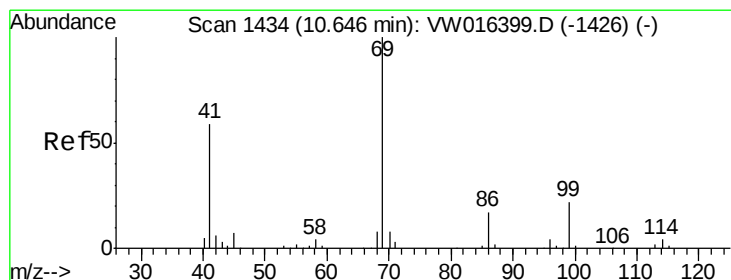
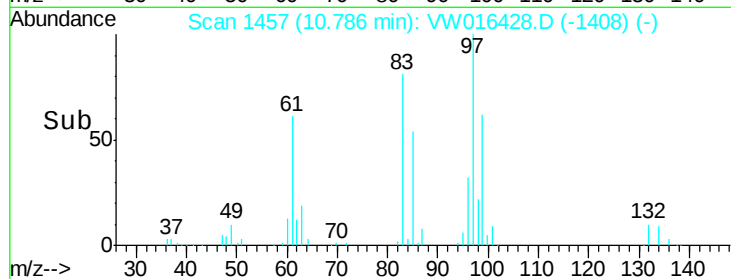
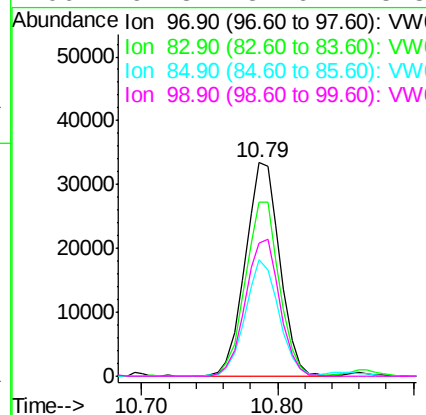
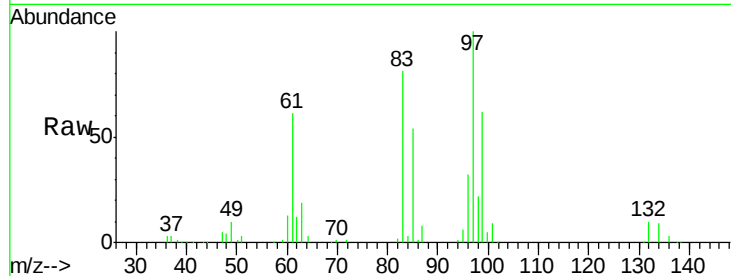
#55
 1,1,2-Trichloroethane
 Concen: 49.357 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	59451
Ion	Ratio	Lower	Upper
97	100		
83	81.2	68.0	102.0
85	54.4	42.2	63.2
99	62.3	52.6	78.8

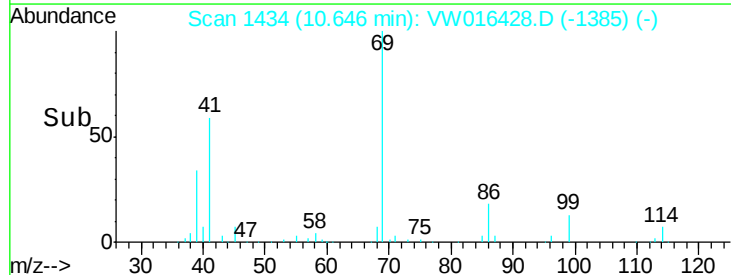
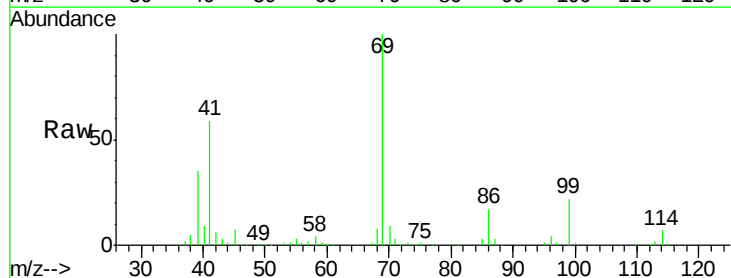
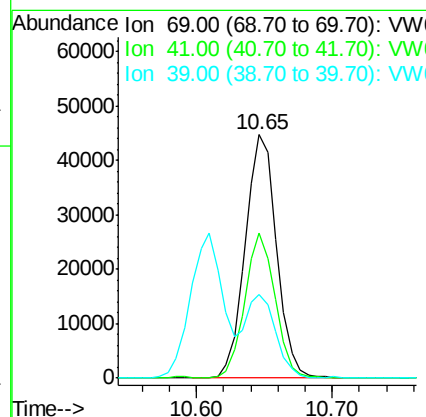
Manual Integrations
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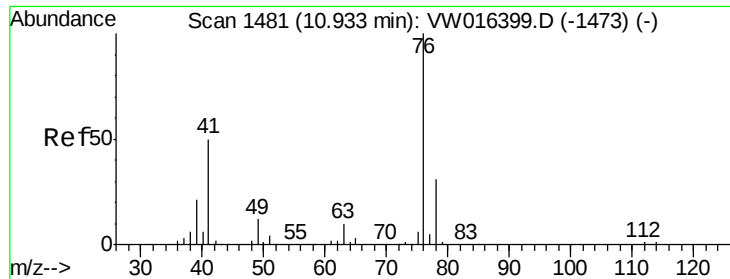
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 9/1/2020 12:40:22 PM



#56
 Ethyl methacrylate
 Concen: 51.187 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion:	69	Resp:	72049
Ion	Ratio	Lower	Upper
69	100		
41	57.5	46.5	69.7
39	33.4	26.2	39.2





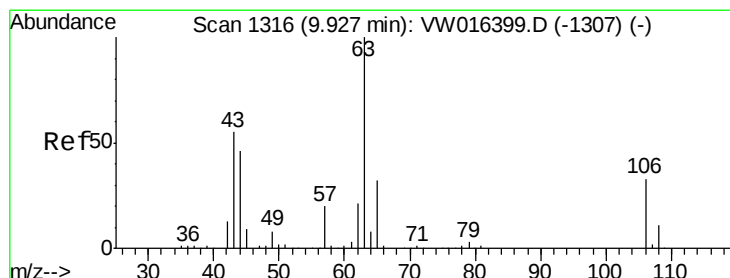
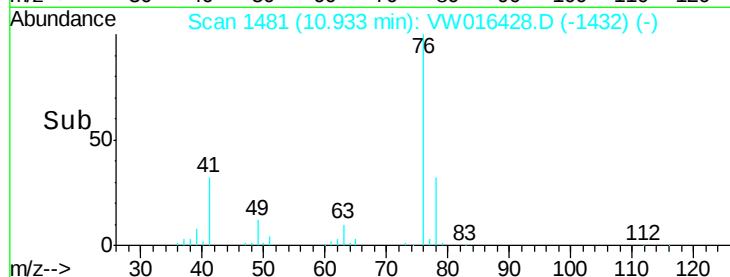
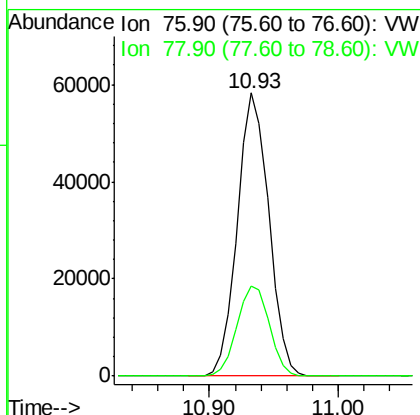
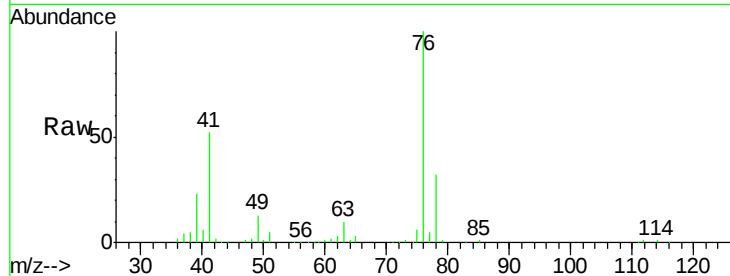
#57
 1,3-Dichloropropane
 Concen: 49.397 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 98862
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1

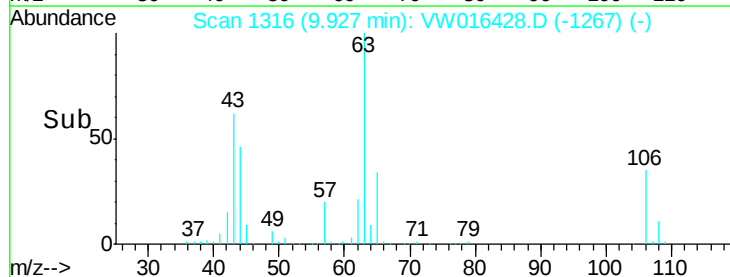
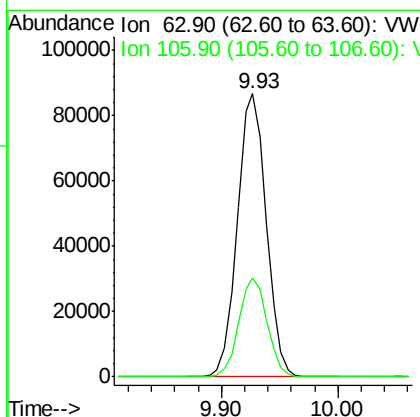
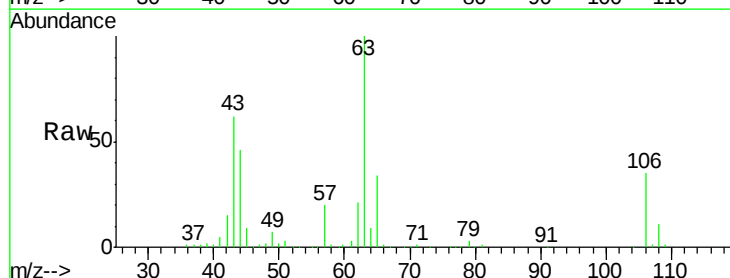
Manual Integrations
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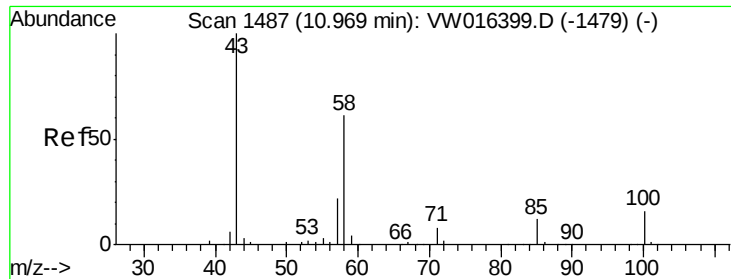
MMDadoda
 9/1/2020 12:40:22 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.276 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion: 63 Resp: 149963
 Ion Ratio Lower Upper
 63 100
 106 34.5 26.6 40.0





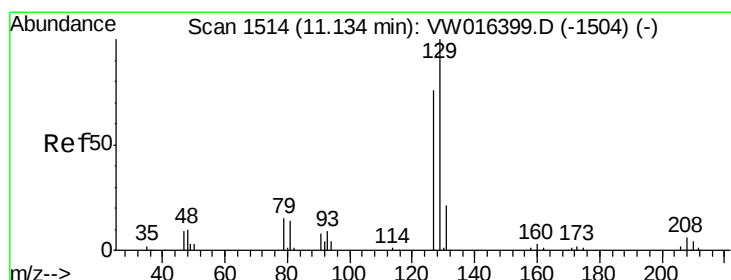
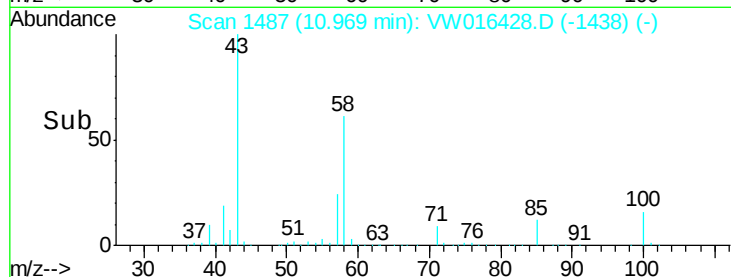
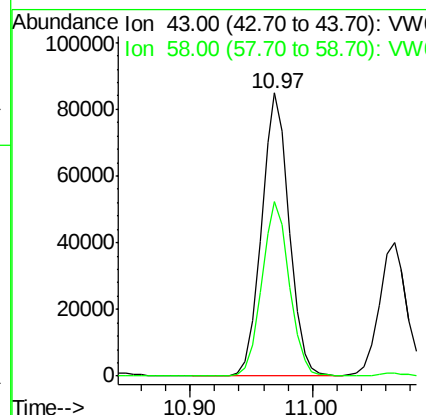
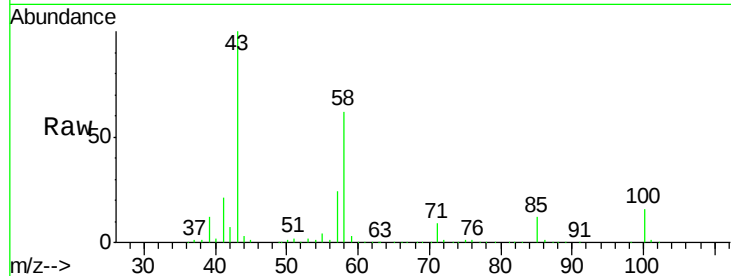
#59
2-Hexanone
Concen: 255.082 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 133185
Ion Ratio Lower Upper
43 100
58 61.7 29.7 89.1

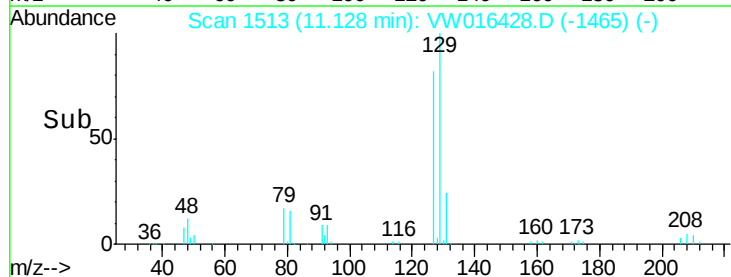
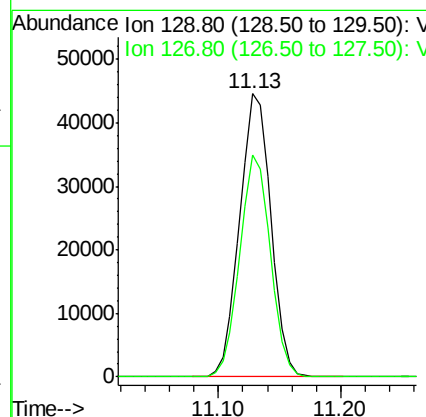
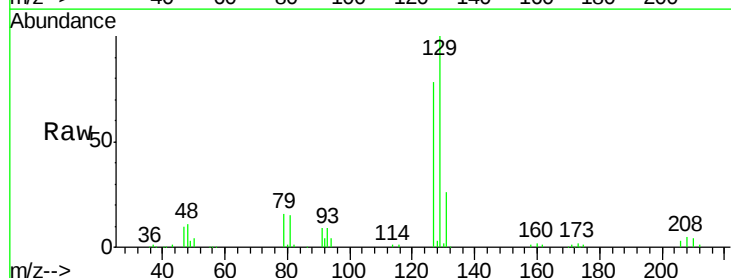
Manual Integrations
APPROVED

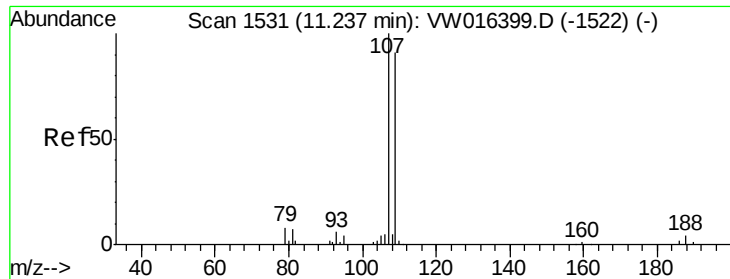
MMDadoda
9/1/2020 12:40:22 PM



#60
Dibromochloromethane
Concen: 51.908 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion: 129 Resp: 79058
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7





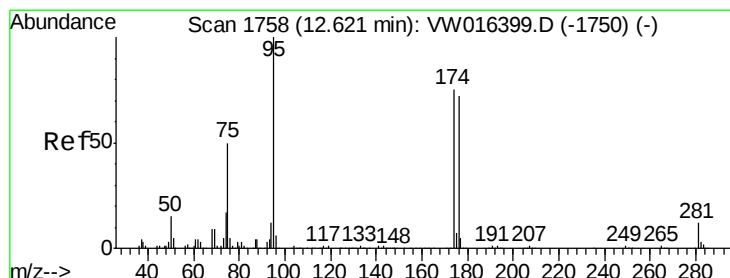
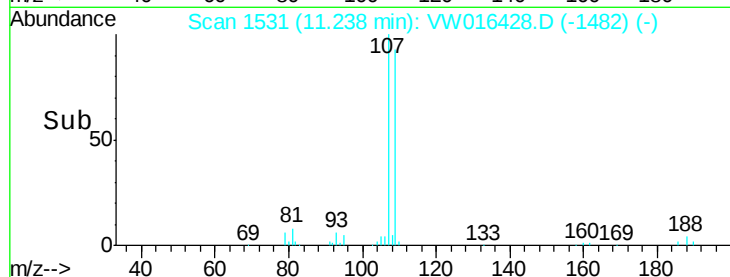
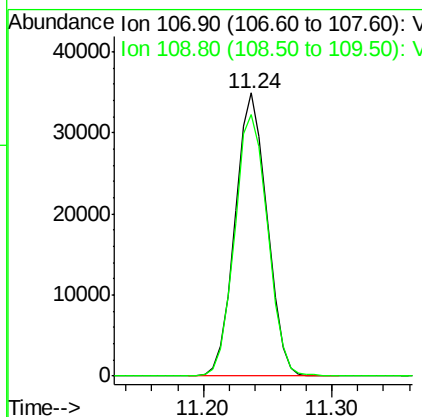
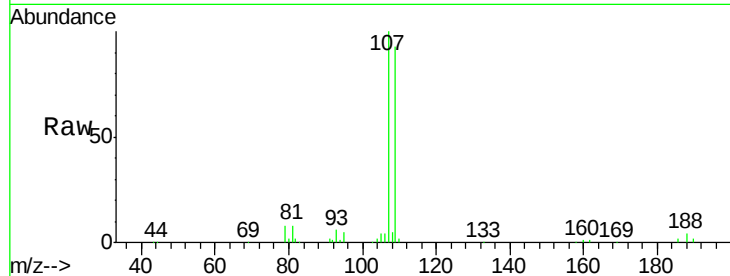
#61
 1,2-Dibromoethane
 Concen: 50.837 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 60053
 Ion Ratio Lower Upper
 107 100
 109 95.2 74.5 111.7

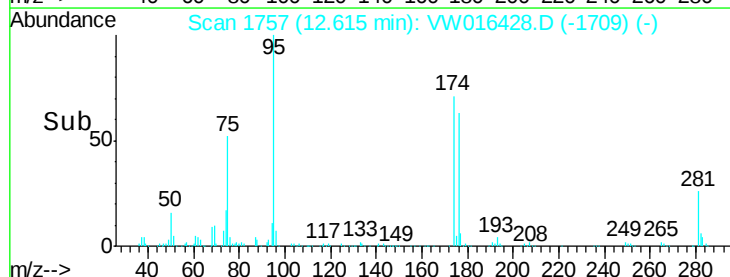
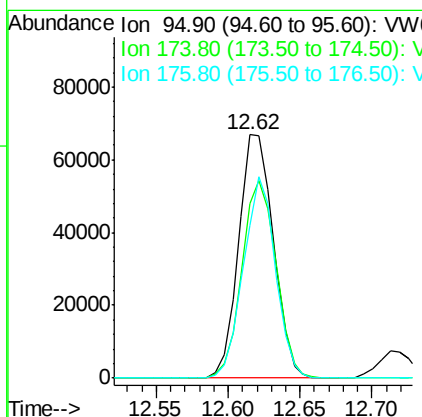
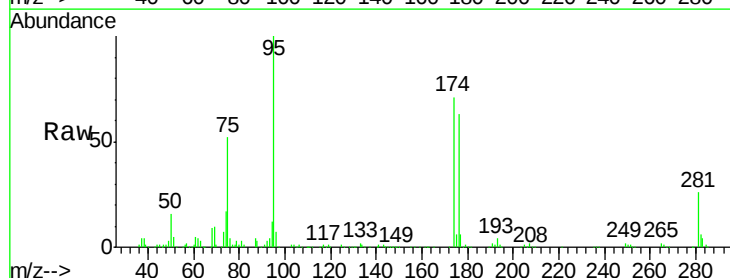
Manual Integrations
 APPROVED

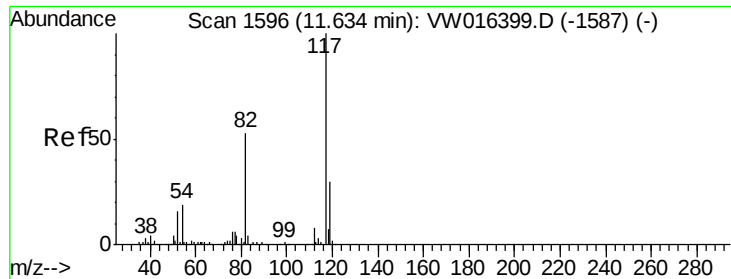
MMDadoda
 9/1/2020 12:40:22 PM



#62
 4-Bromofluorobenzene
 Concen: 52.476 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion: 95 Resp: 112203
 Ion Ratio Lower Upper
 95 100
 174 79.5 0.0 152.0
 176 76.1 0.0 145.6





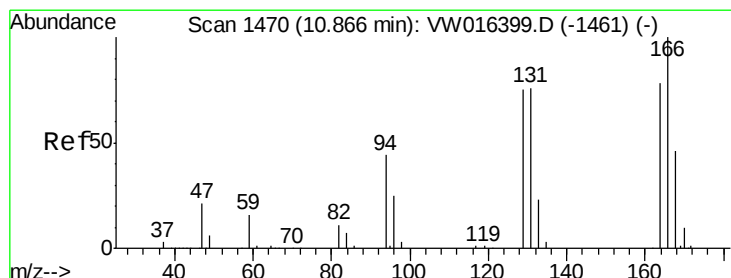
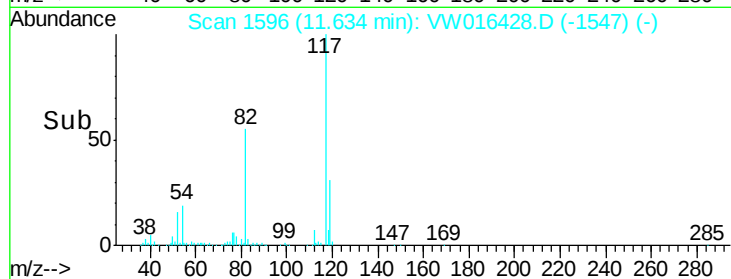
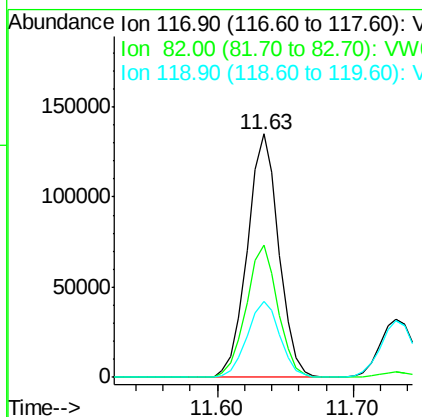
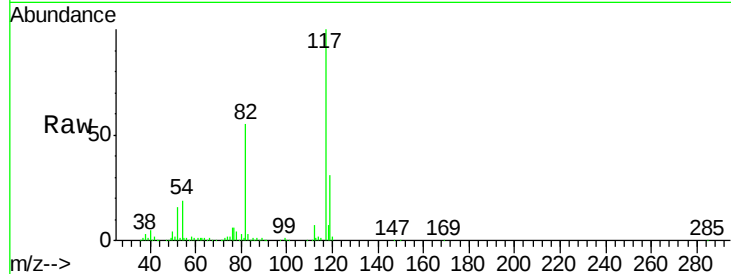
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	218433		
82	54.5	42.2	63.4	
119	31.3	24.2	36.4	

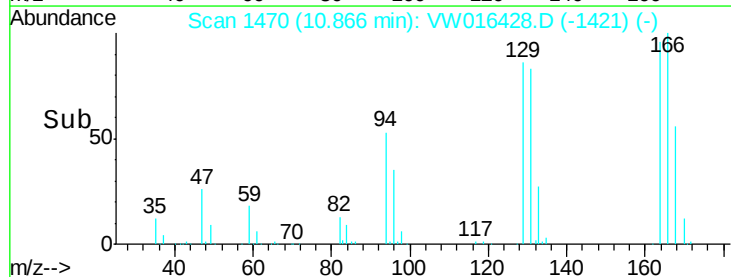
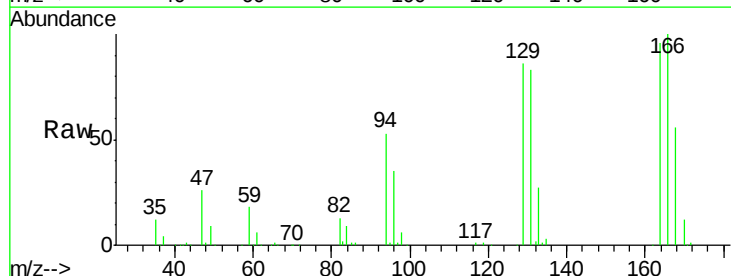
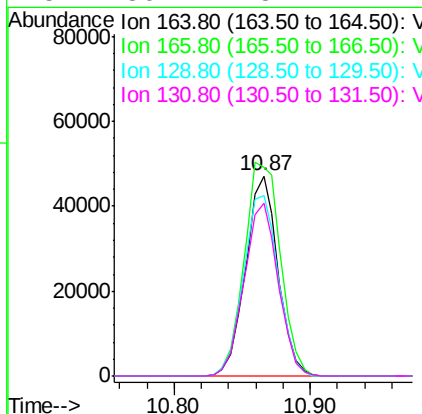
Manual Integrations
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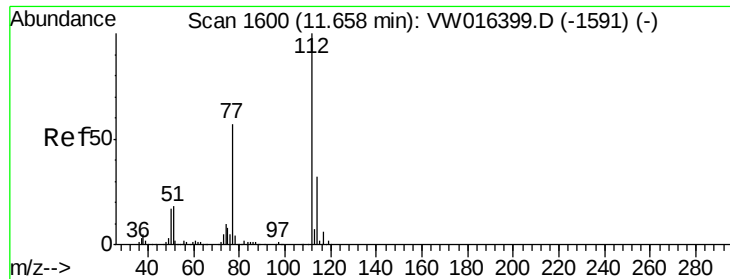
MMDadoda
9/1/2020 12:40:22 PM



#64
Tetrachloroethene
Concen: 52.241 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78383		
166	104.4	103.1	154.7	
129	90.0	77.3	115.9	
131	86.4	78.2	117.2	





#65

Chlorobenzene

Concen: 49.275 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 221671

Ion Ratio Lower Upper

112 100

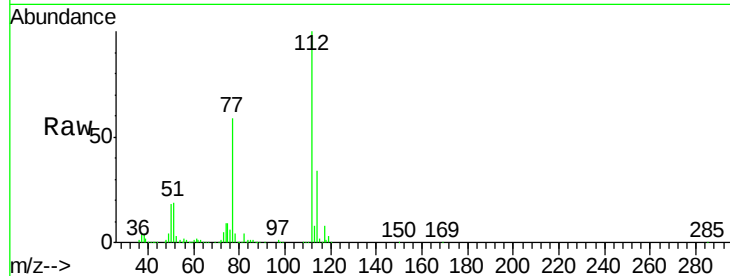
114 33.7 25.4 38.2

Manual Integrations

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9/1/2020 12:40:22 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

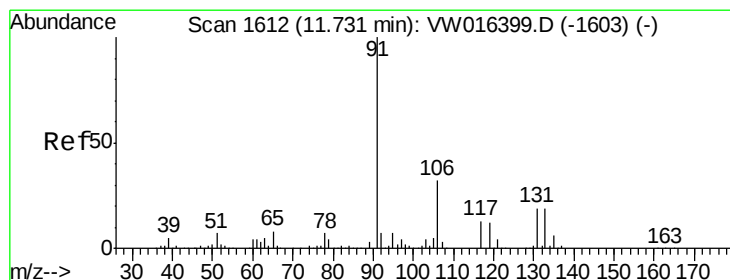
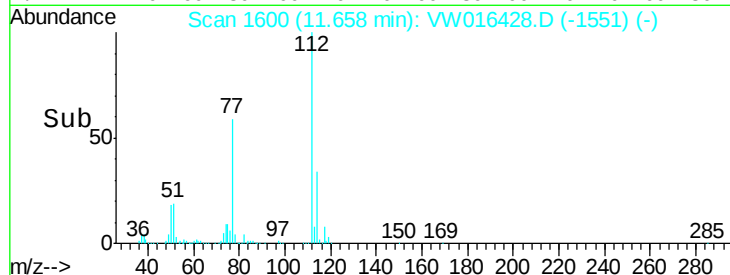
11.66

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.786 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

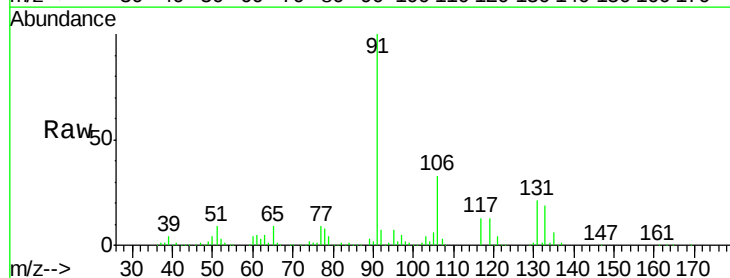
Tgt Ion:131 Resp: 84595

Ion Ratio Lower Upper

131 100

133 97.1 46.9 140.6

119 62.6 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

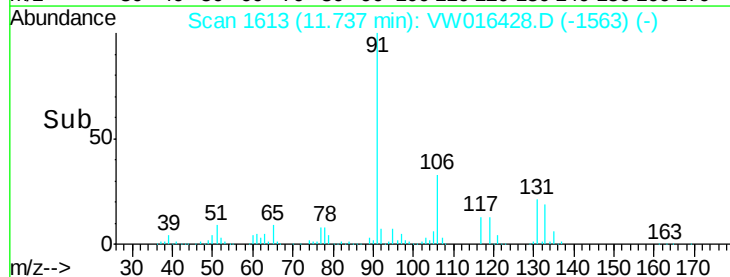
11.74

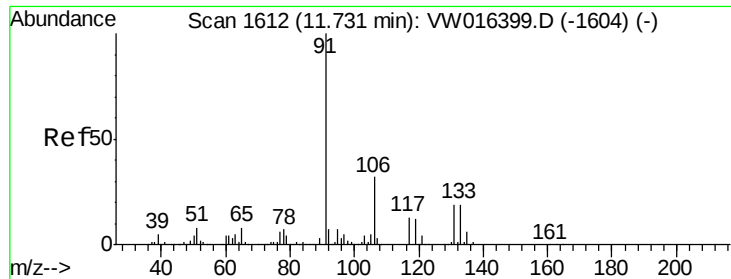
40000

20000

0

Time-->





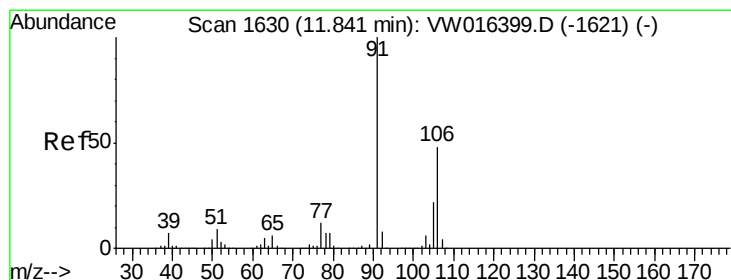
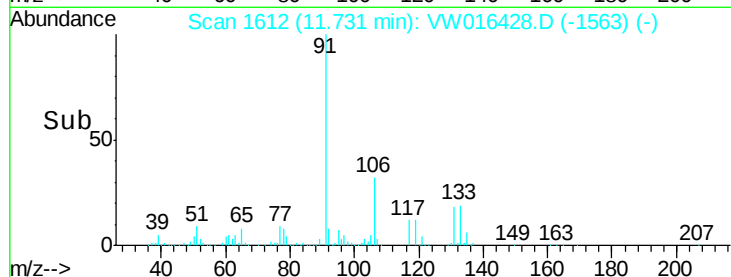
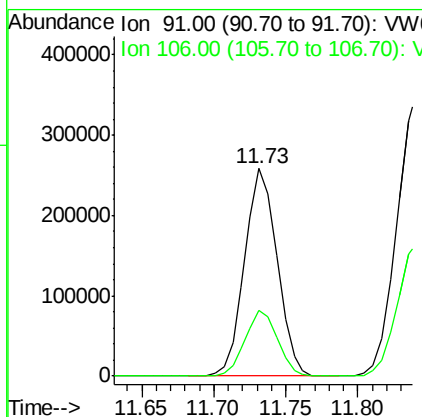
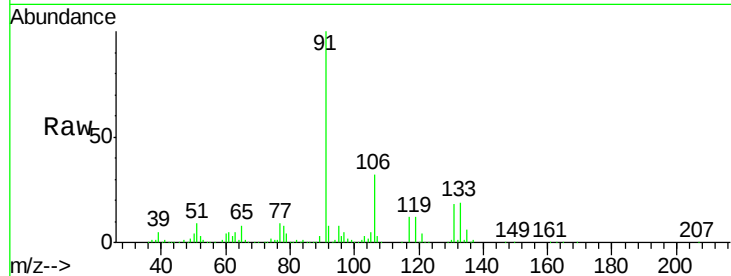
#67
Ethyl Benzene
Concen: 50.444 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 405135
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9

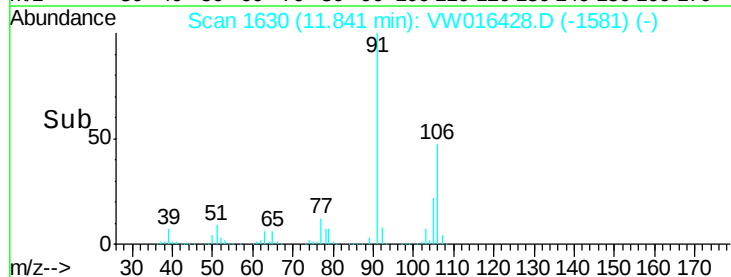
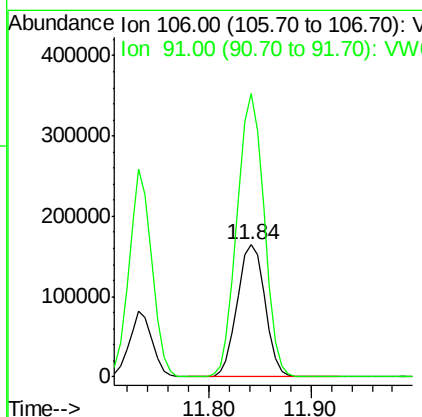
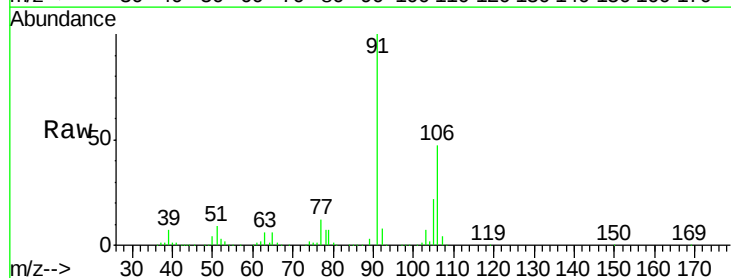
Manual Integrations
APPROVED

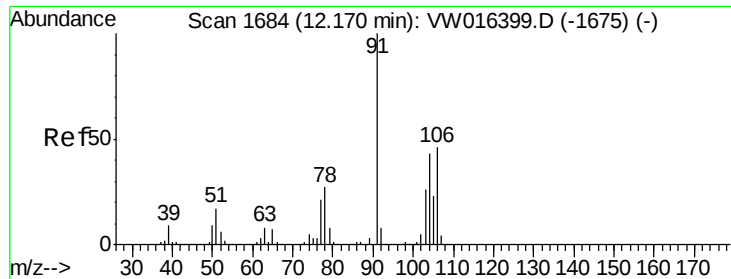
MMDadoda
9/1/2020 12:40:22 PM



#68
m/p-Xylenes
Concen: 100.959 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion: 106 Resp: 309571
Ion Ratio Lower Upper
106 100
91 208.9 167.7 251.5





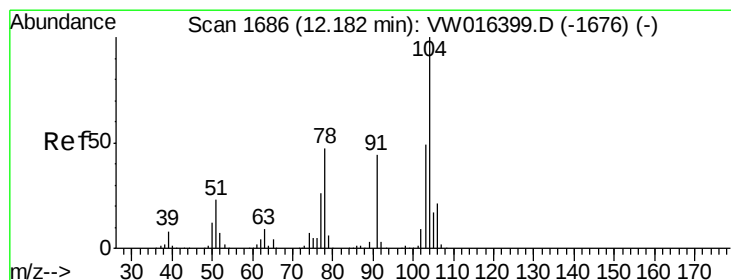
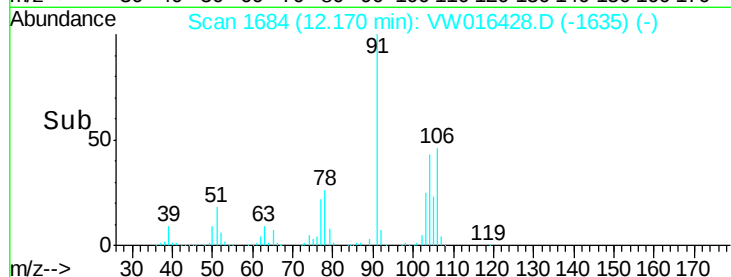
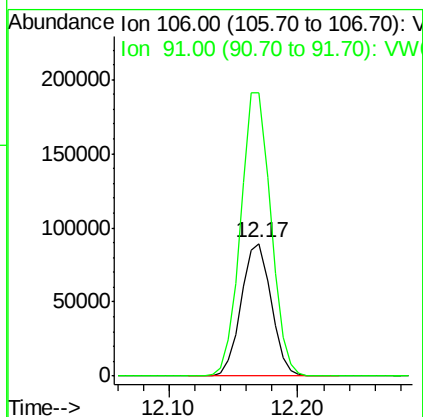
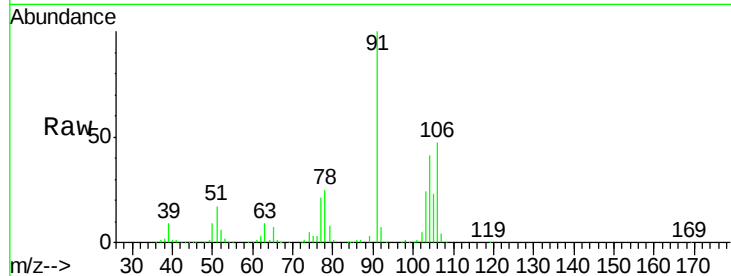
#69
o-Xylene
Concen: 51.006 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.4	111.7	334.9		

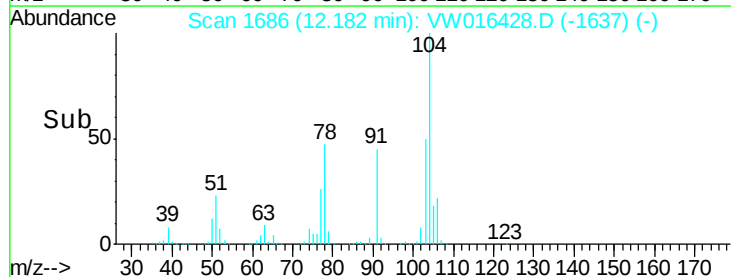
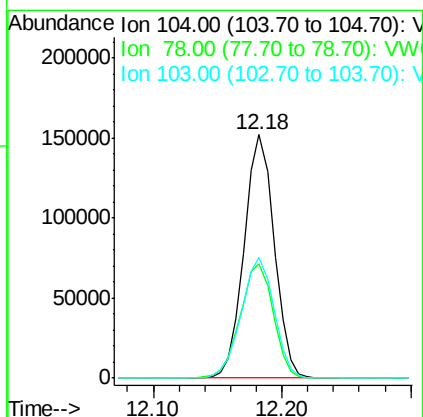
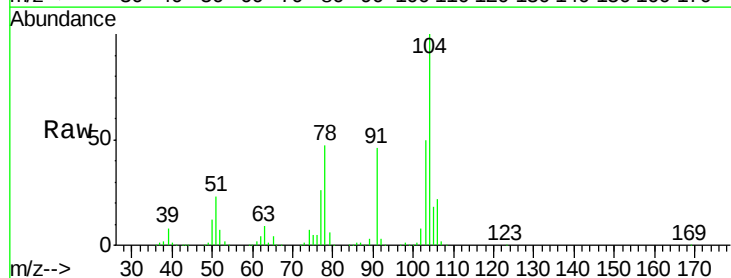
Manual Integrations
APPROVED

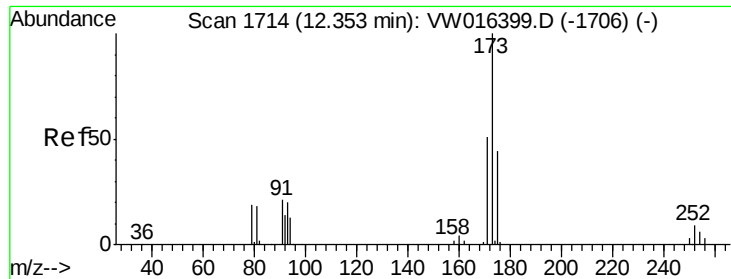
MMDadoda
9/1/2020 12:40:22 PM



#70
Styrene
Concen: 51.045 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	52.0	41.7	62.5		
103	53.8	42.9	64.3		





#71

Bromoform

Concen: 52.654 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 44629

Ion Ratio Lower Upper

173 100

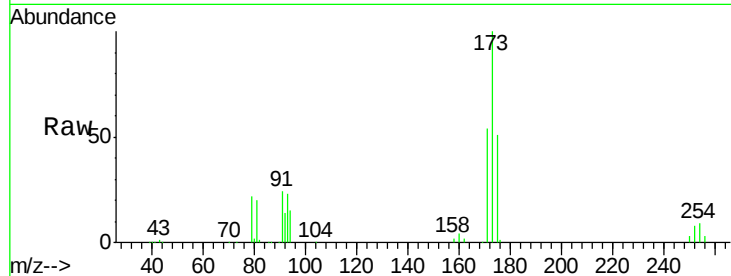
175 48.0 23.5 70.6

254 0.0 0.0 0.0

Manual Integrations
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MMDadoda

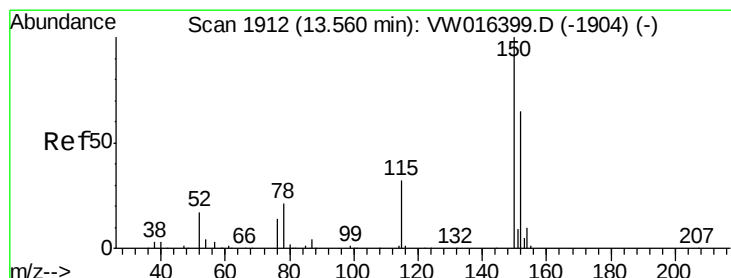
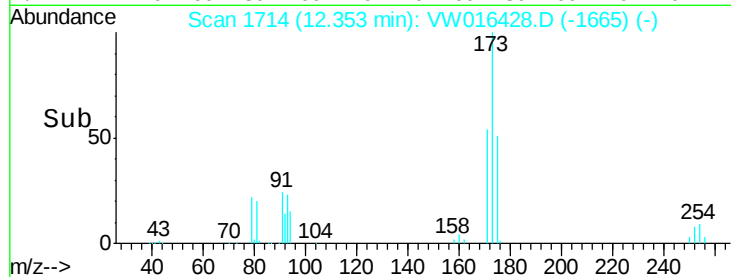
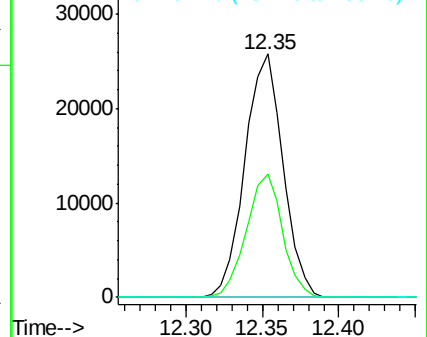
9/1/2020 12:40:22 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

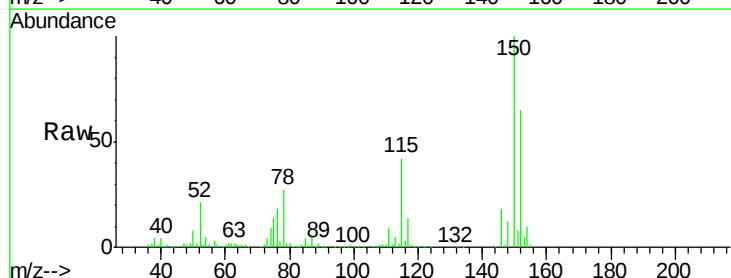
Tgt Ion:152 Resp: 107712

Ion Ratio Lower Upper

152 100

115 62.2 30.9 92.5

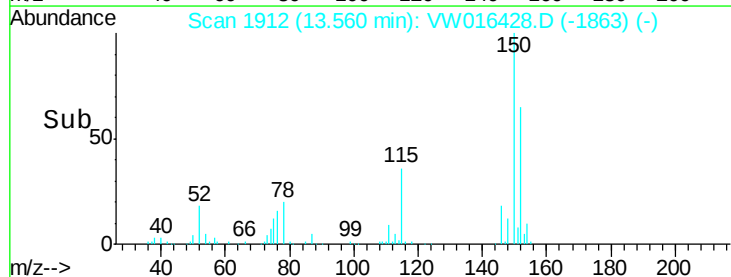
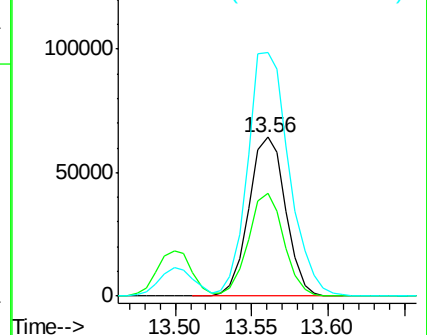
150 172.8 0.0 351.0

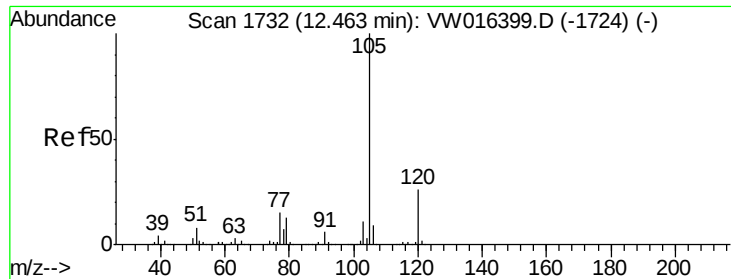


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





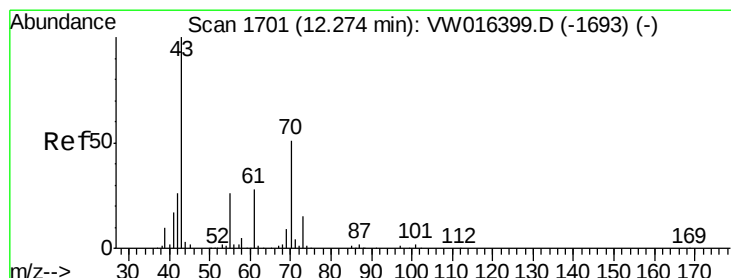
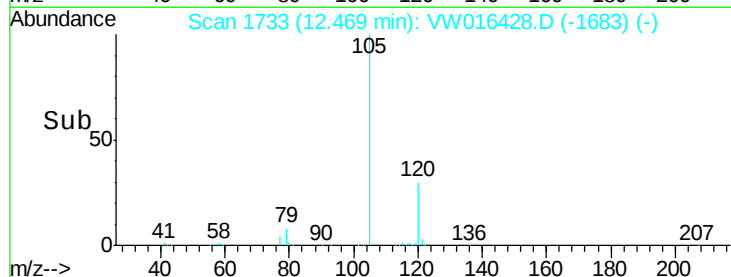
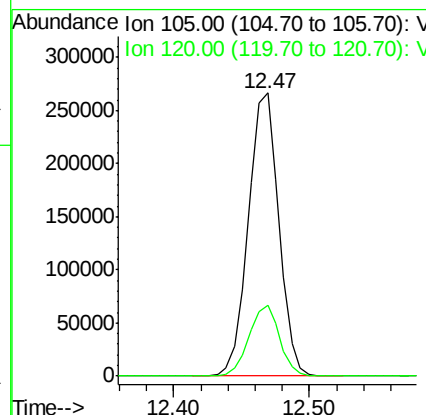
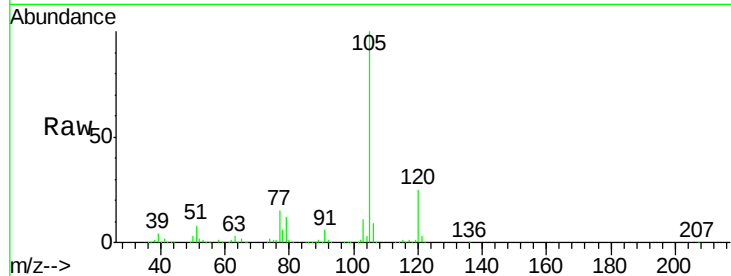
#73
Isopropylbenzene
Concen: 52.670 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.0	13.2	39.6

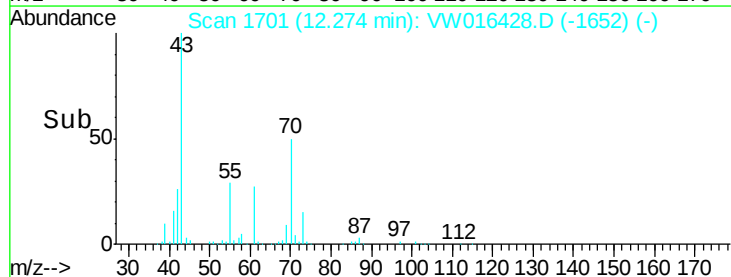
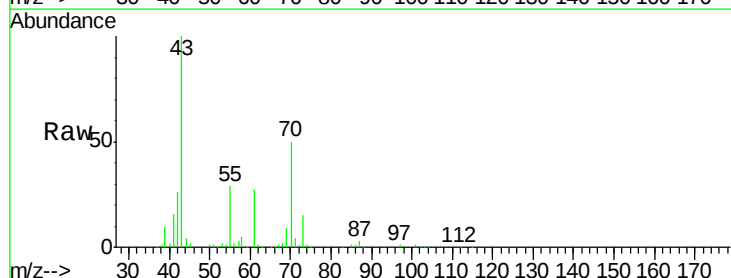
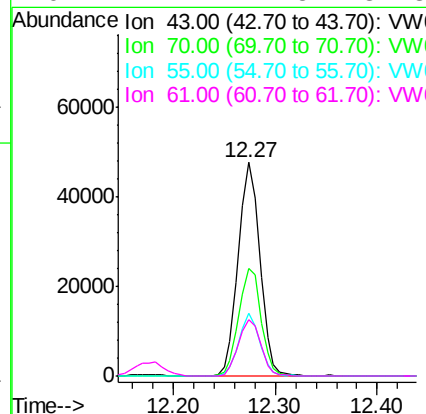
Manual Integrations
APPROVED

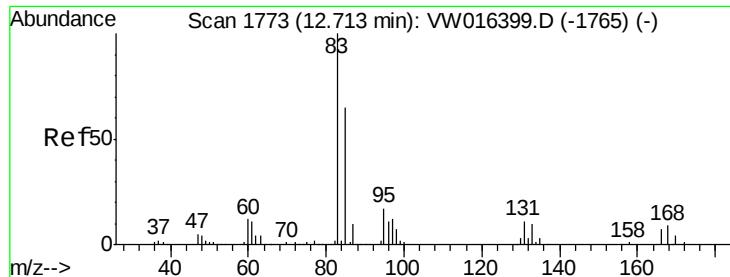
MMDadoda
9/1/2020 12:40:22 PM



#74
N-ethyl acetate
Concen: 50.630 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
43	100		
70	51.7	40.8	61.2
55	28.2	21.6	32.4
61	27.1	21.5	32.3





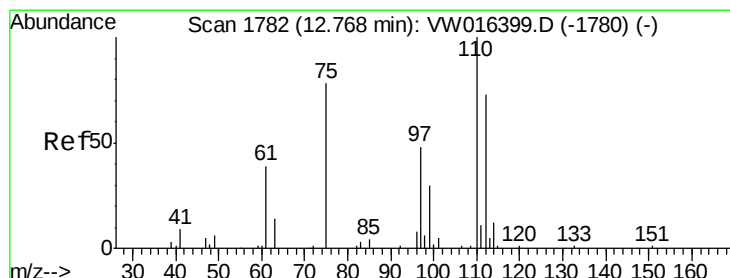
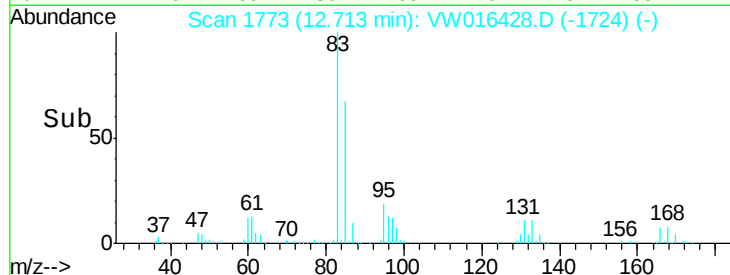
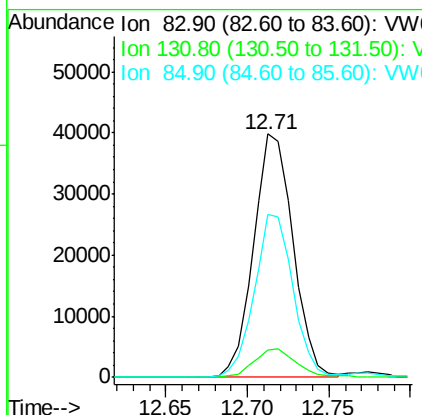
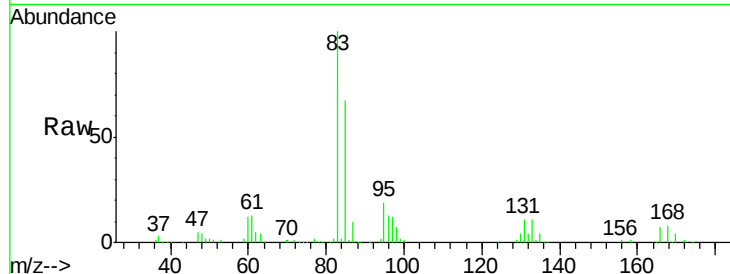
#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.253 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	67011
Ion Ratio	100	Lower	Upper
83	100		
131	12.6	5.9	17.8
85	65.2	32.3	96.8

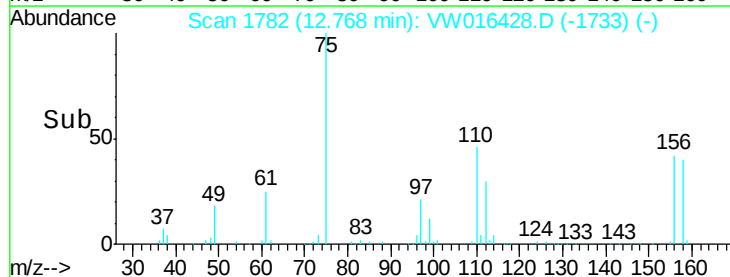
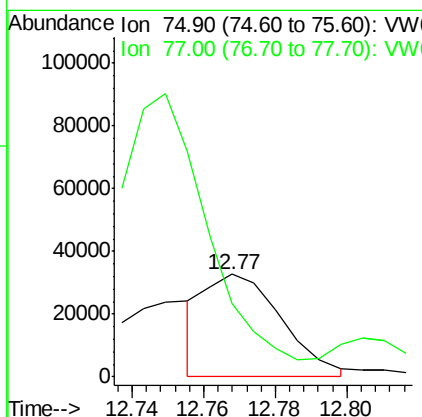
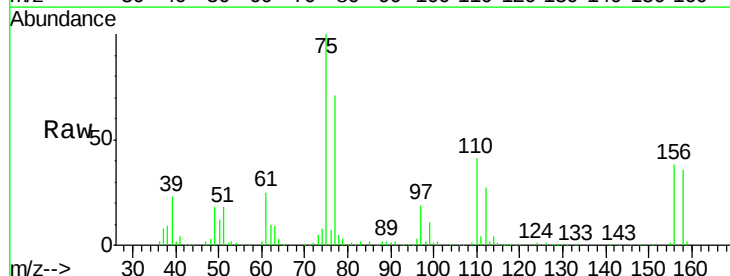
Manual Integrations
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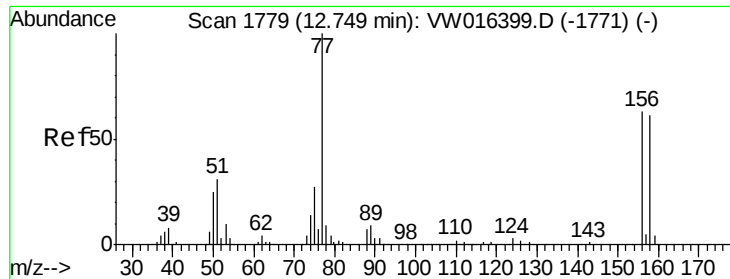
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#76
 1,2,3-Trichloropropane
 Concen: 50.700 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion	75	Resp	48289
Ion Ratio	100	Lower	Upper
75	100		
77	342.4	173.4	520.2





#77

Bromobenzene

Concen: 48.632 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

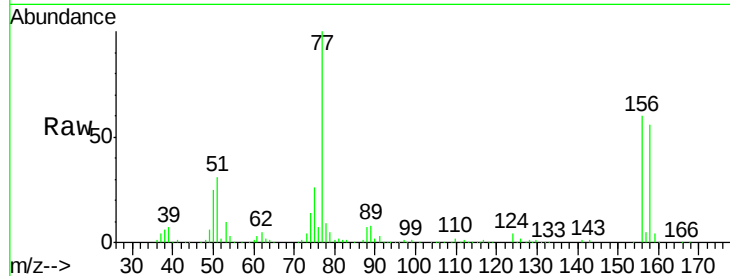
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	89791
Ion Ratio	Lower	Upper	
156	100		
77	184.1	90.0	269.9
158	99.3	47.3	141.8

Manual Integrations
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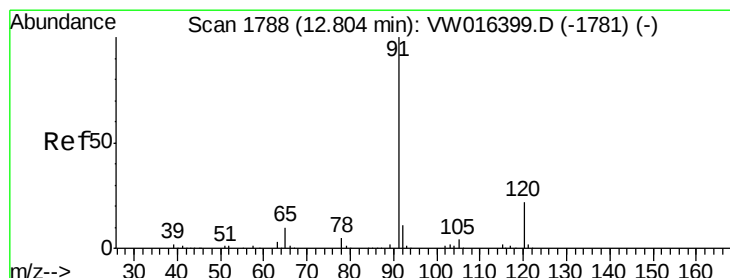
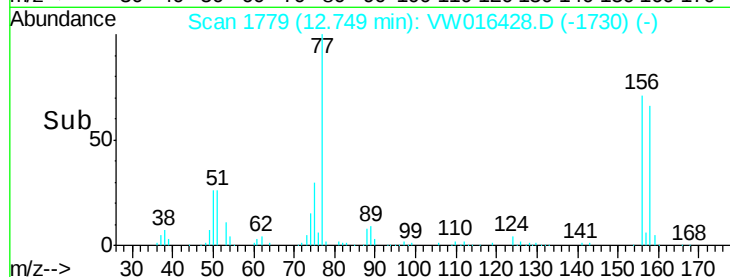
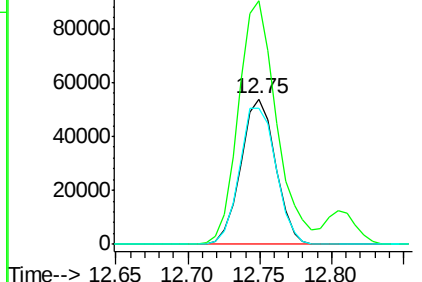
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9/1/2020 12:40:22 PM



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: 51.102 ug/l

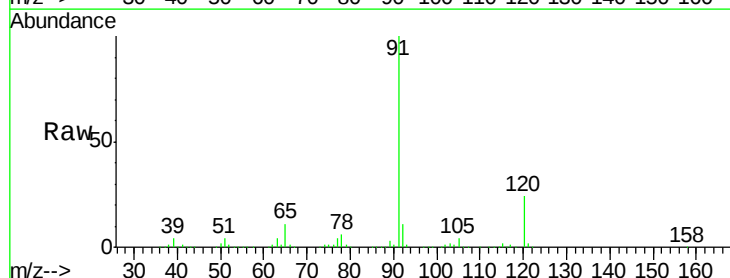
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016428.D

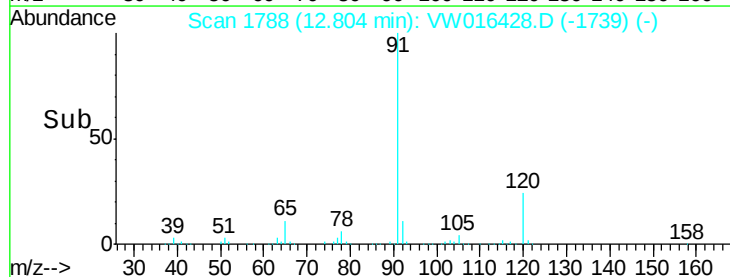
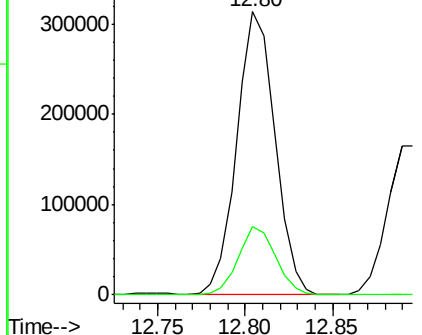
Acq: 31 Aug 2020 22:18

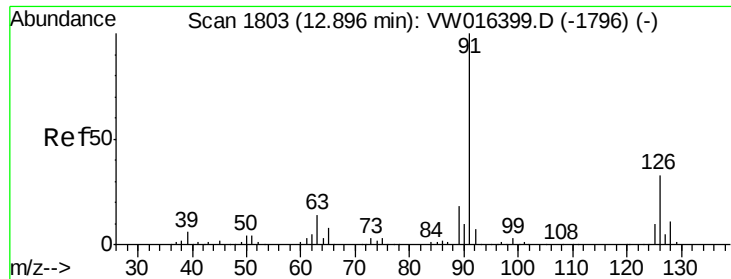
Tgt Ion:	91	Resp:	476457
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.3	33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





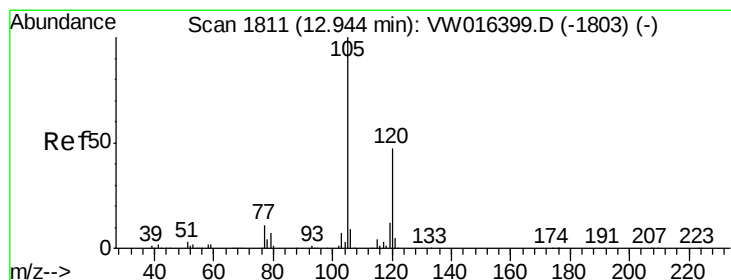
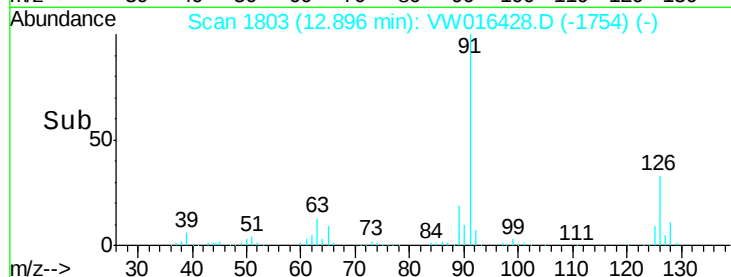
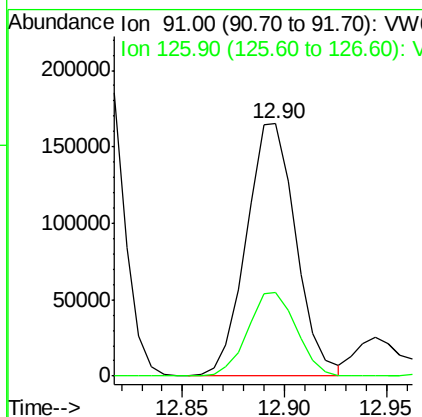
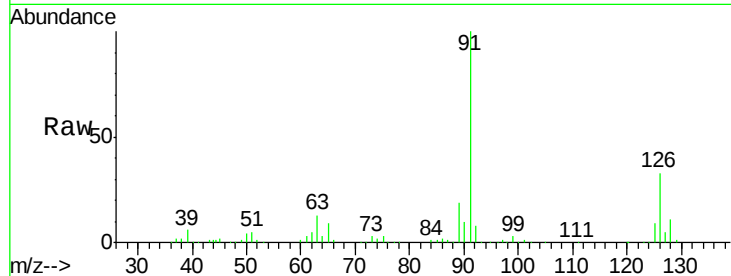
#79
 2-Chlorotoluene
 Concen: 50.718 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 278487
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.4 49.1

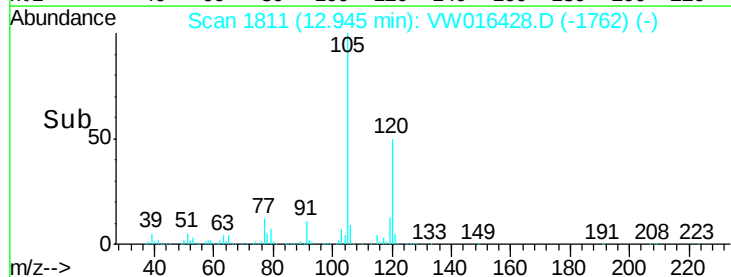
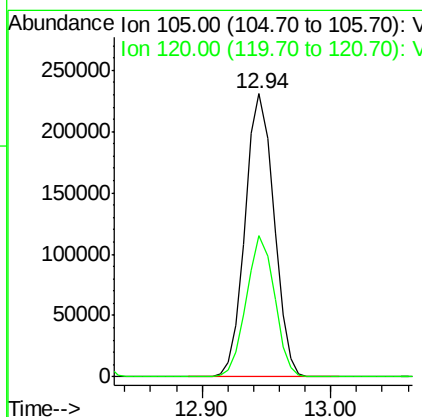
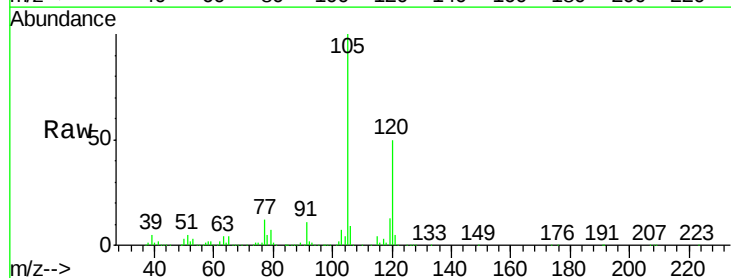
Manual Integrations
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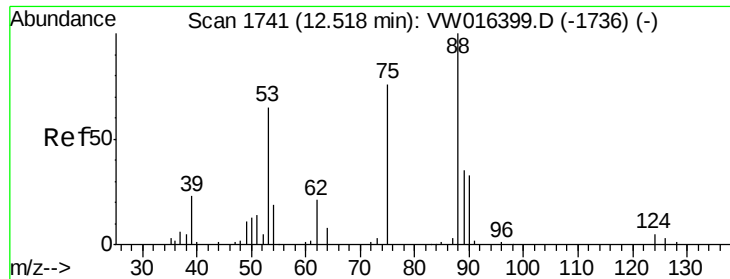
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.088 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion: 105 Resp: 355875
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.8 71.2





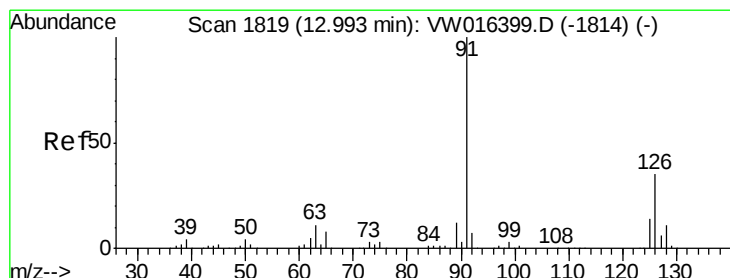
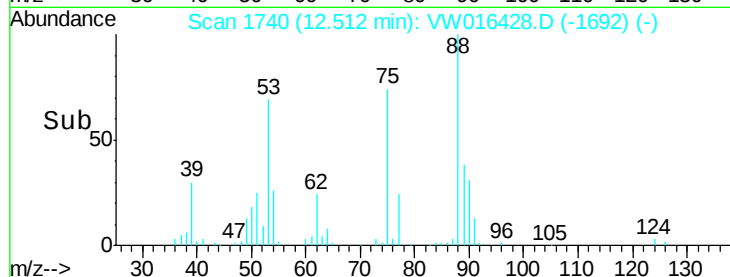
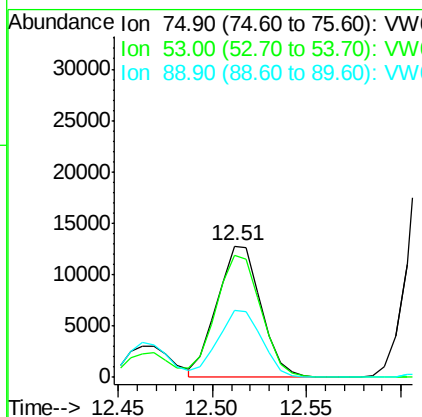
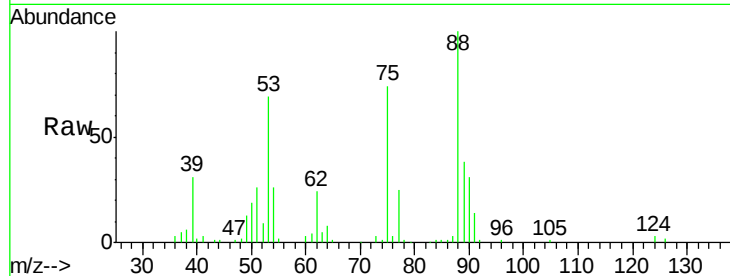
#81
trans-1,4-Dichloro-2-butene
Concen: 48.352 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.3	75.2	112.8
89	51.2	40.4	60.6

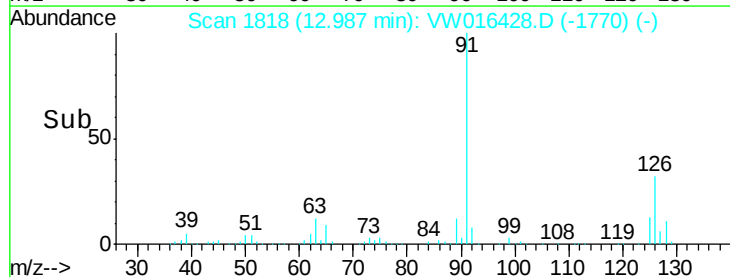
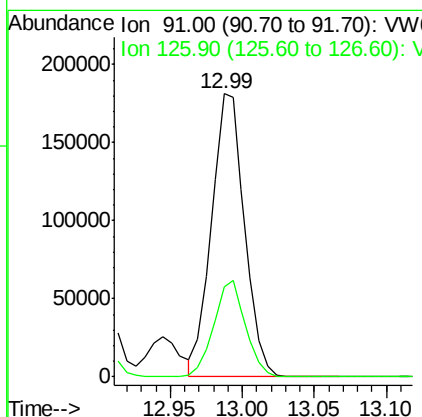
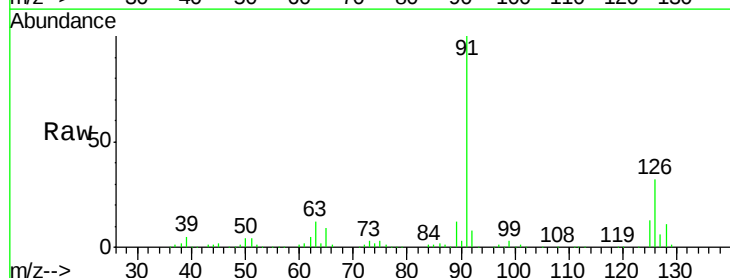
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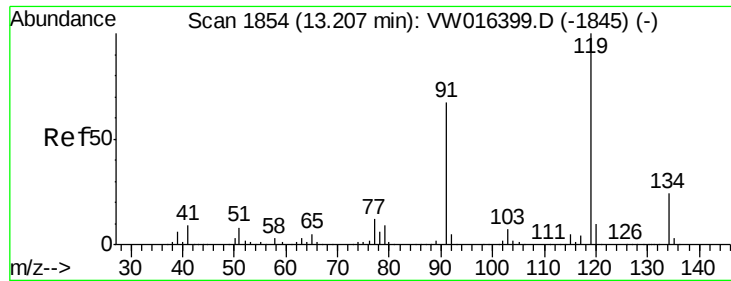
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#82
4-Chlorotoluene
Concen: 50.311 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	17.0	50.9





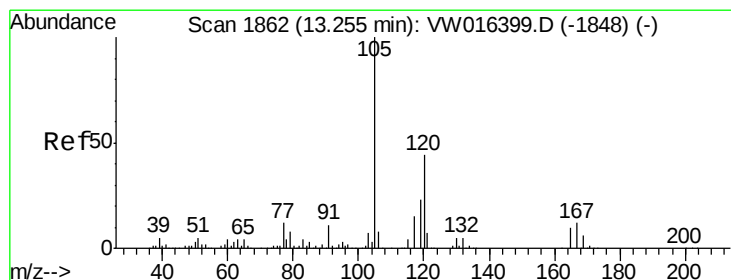
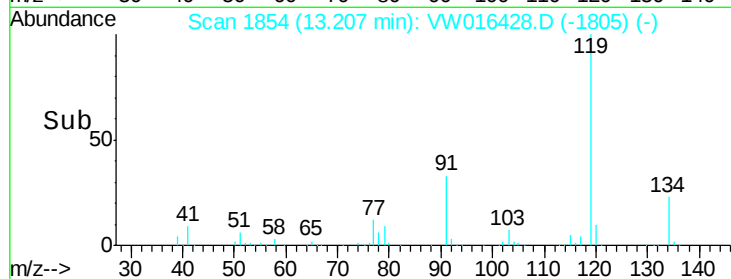
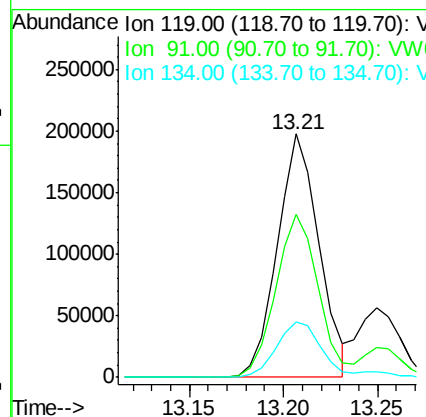
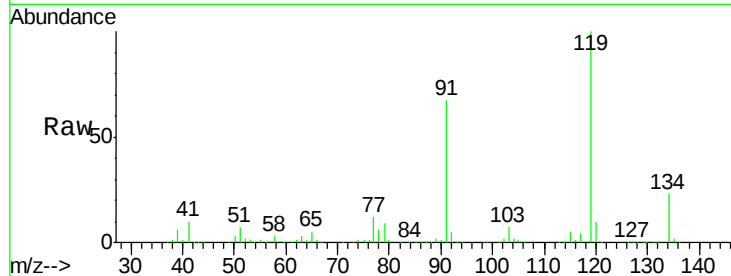
#83
tert-Butylbenzene
Concen: 51.626 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.0	34.1	102.3
134	26.2	12.3	36.8

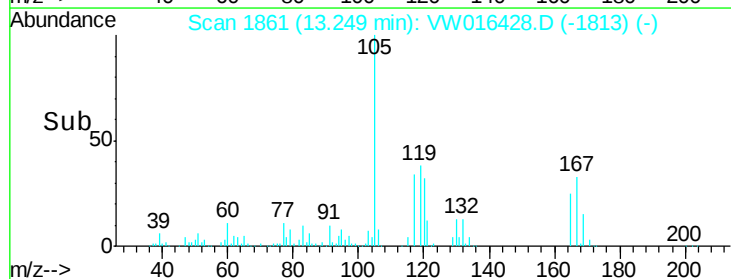
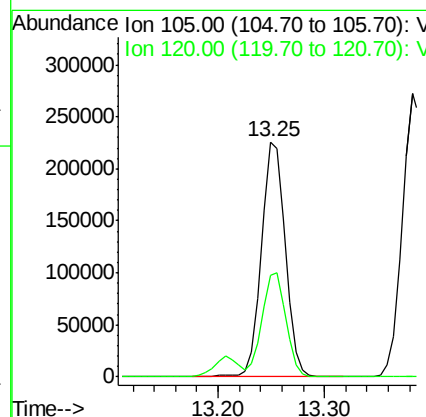
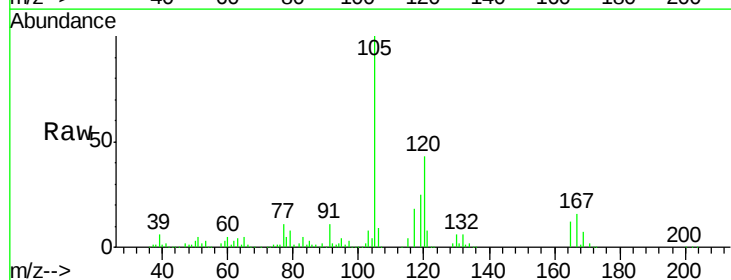
Manual Integrations
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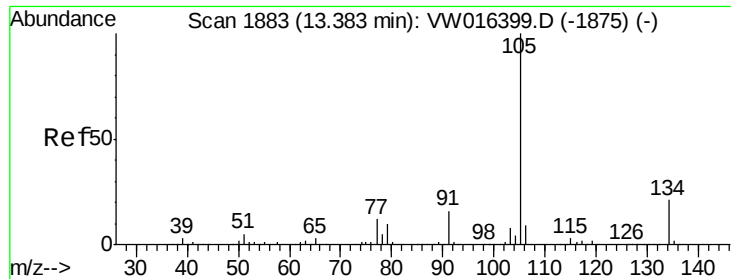
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#84
1,2,4-Trimethylbenzene
Concen: 51.360 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.1





#85

sec-Butylbenzene

Concen: 51.308 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 415768

Ion Ratio Lower Upper

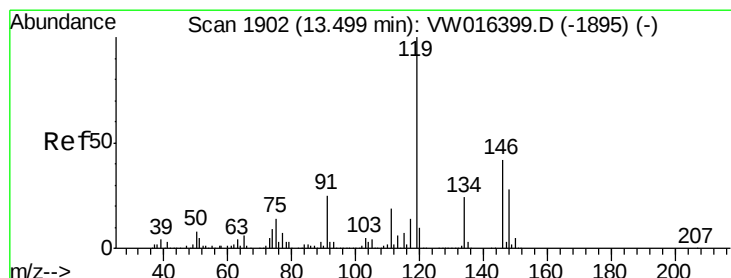
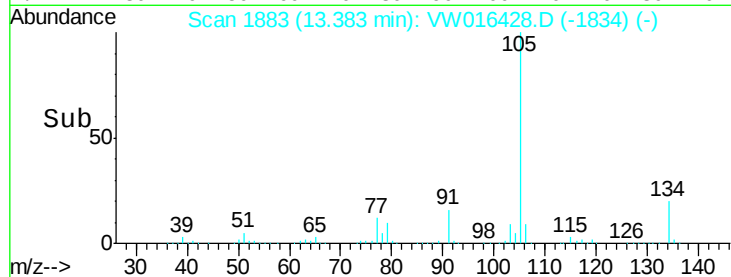
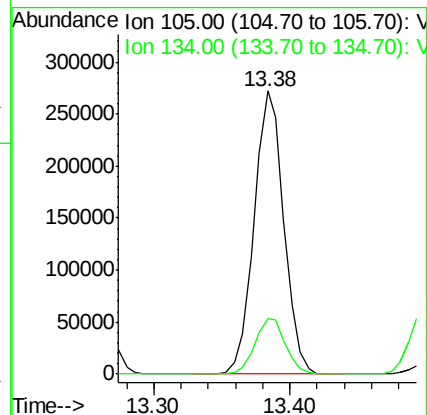
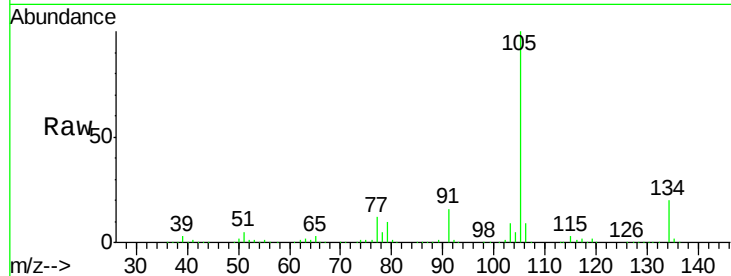
105 100

134 20.3 10.0 30.0

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.718 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

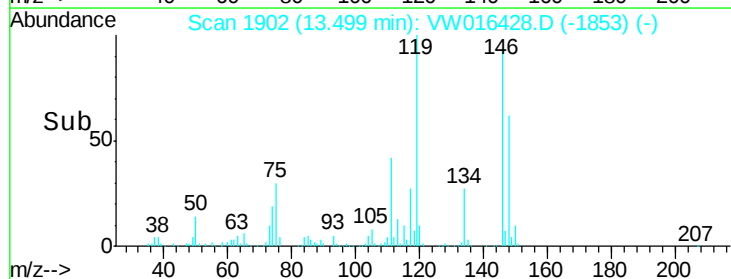
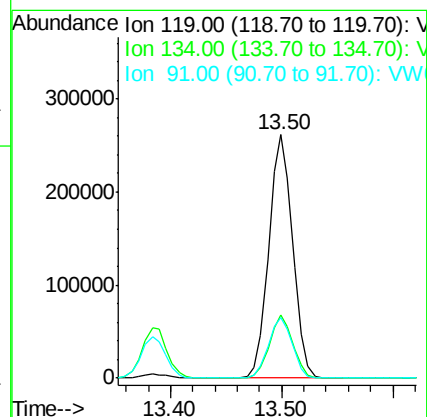
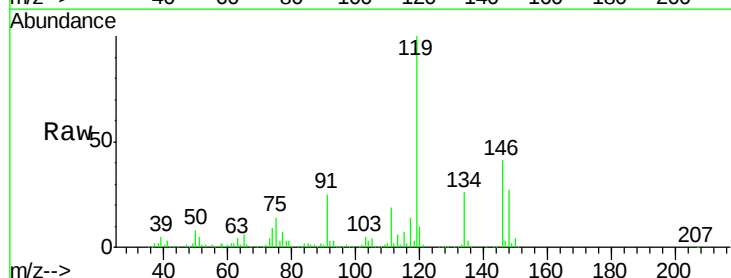
Tgt Ion:119 Resp: 391245

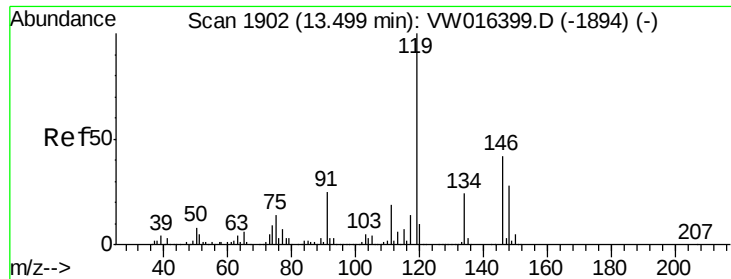
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.6

91 24.7 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 50.057 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Instrument :

MSVOA_W

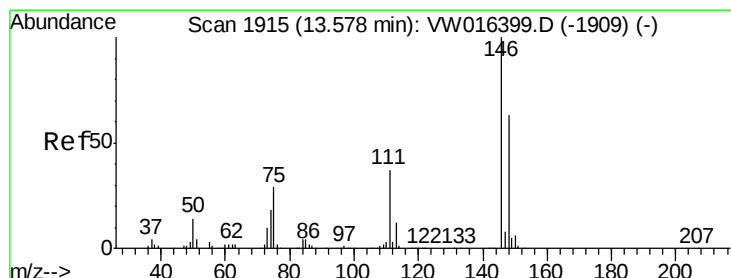
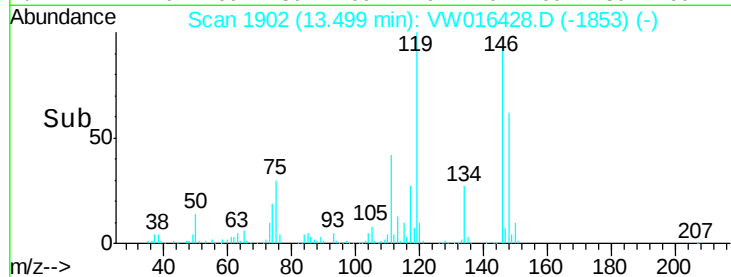
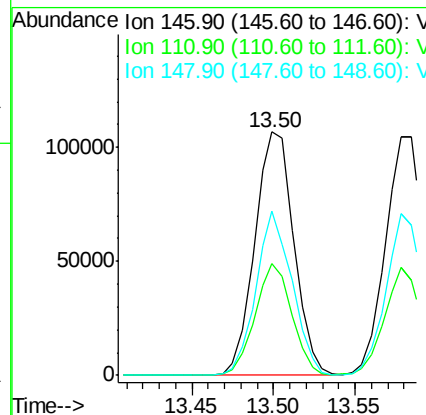
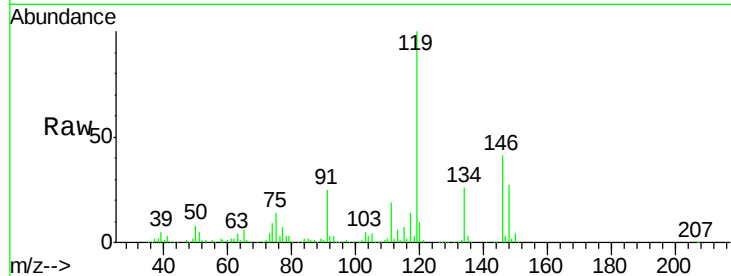
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.6	67.8
148	62.3	33.6	100.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.354 ug/l

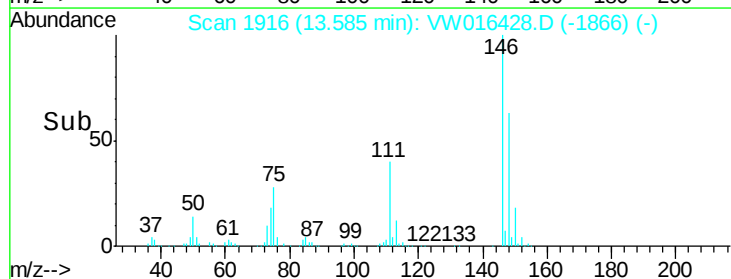
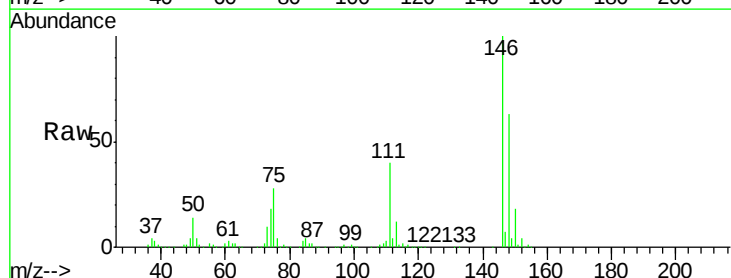
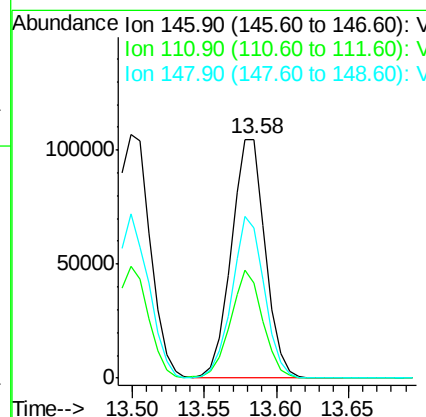
RT: 13.58 min Scan# 1916

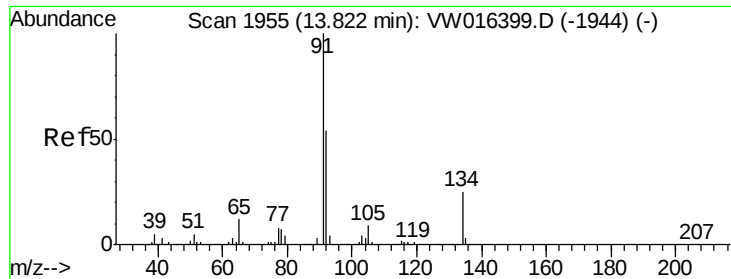
Delta R.T. 0.01 min

Lab File: VW016428.D

Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.4	61.3
148	64.7	32.0	96.2





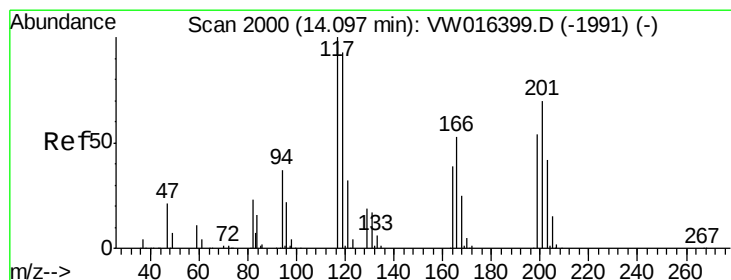
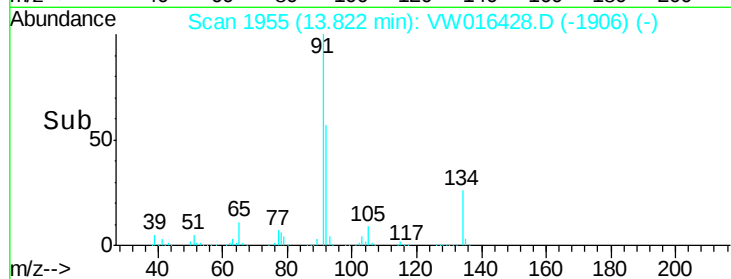
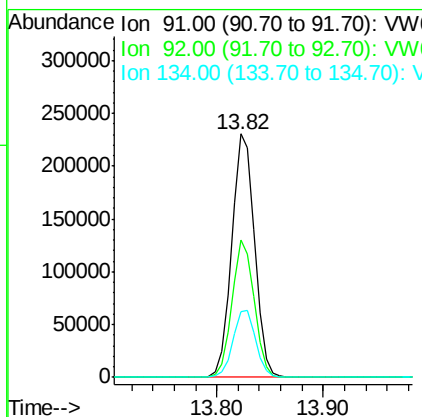
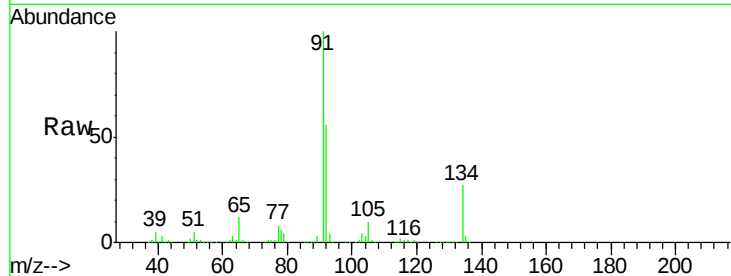
#89
n-Butylbenzene
Concen: 49.857 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	346281		
92	54.7	26.8	80.4	
134	27.4	13.2	39.6	

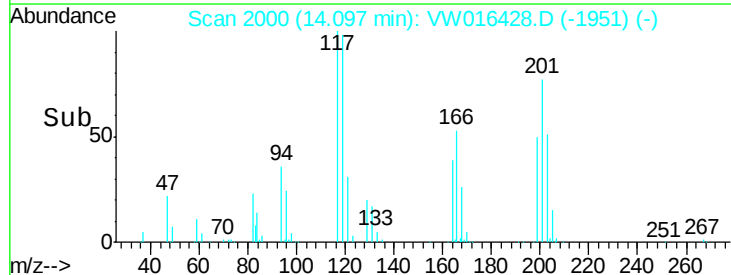
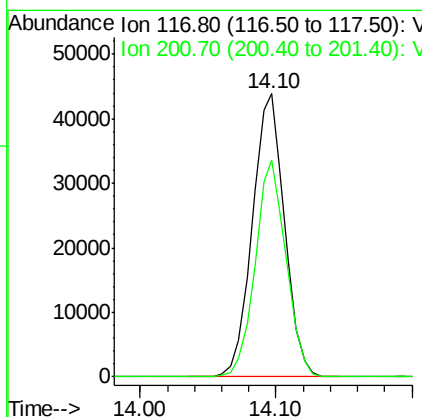
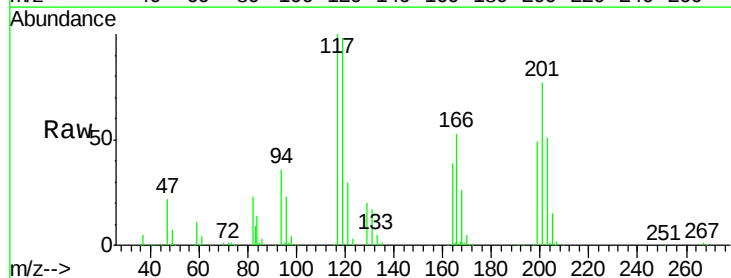
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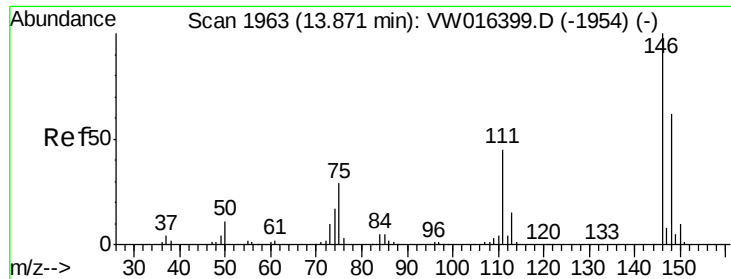
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#90
Hexachloroethane
Concen: 51.068 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72535		
201	73.7	35.9	107.7	





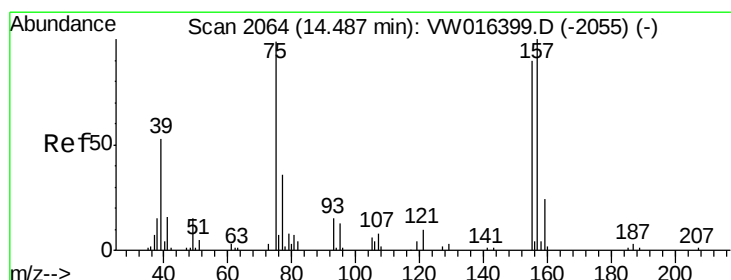
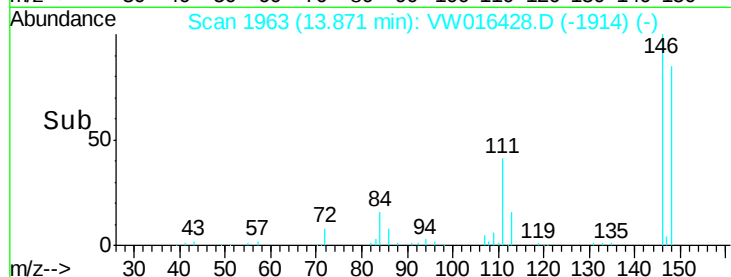
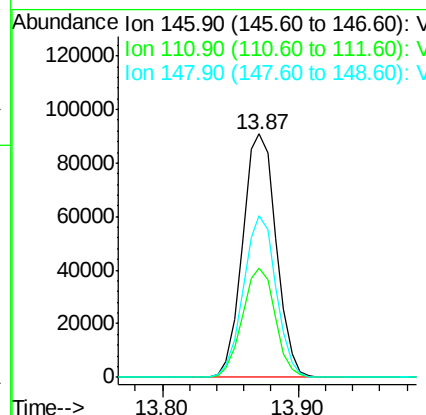
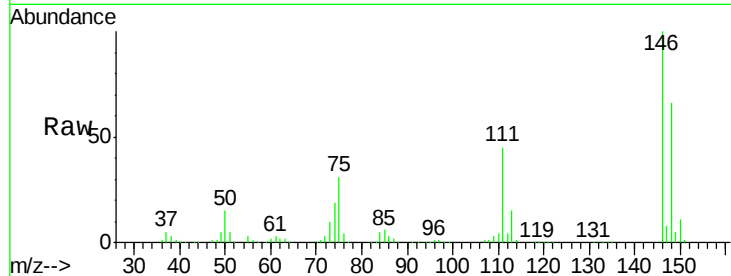
#91
 1,2-Dichlorobenzene
 Concen: 49.270 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.3	66.8
148	64.8	32.0	96.0

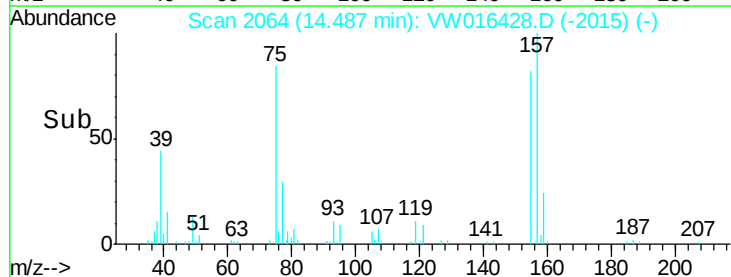
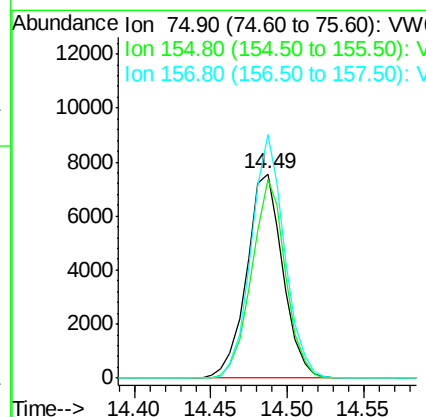
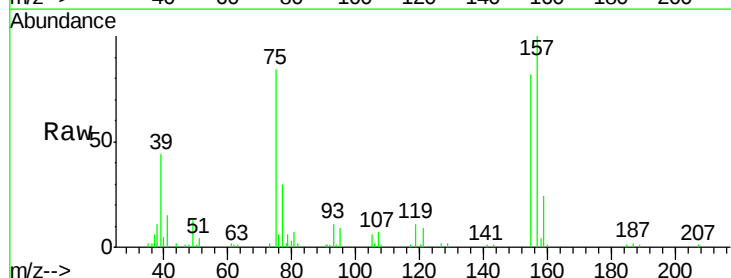
Manual Integrations
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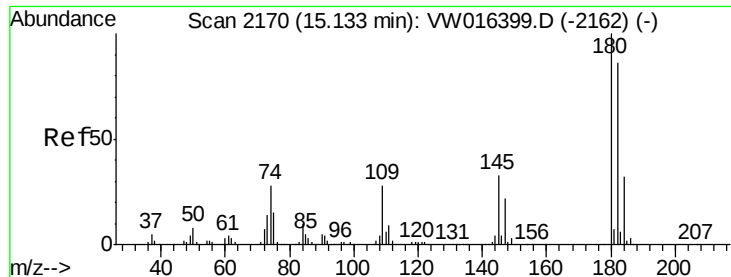
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.041 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	41.4	124.4
157	109.8	52.1	156.4





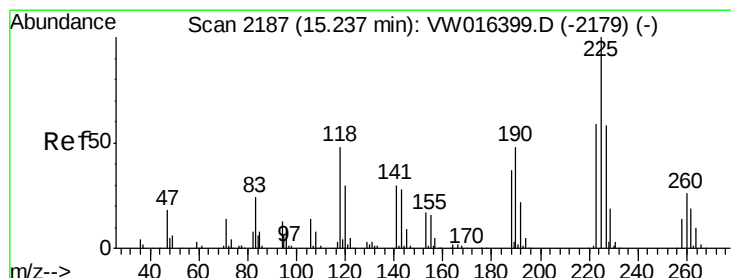
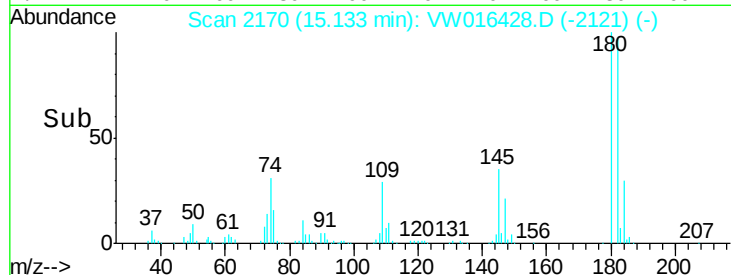
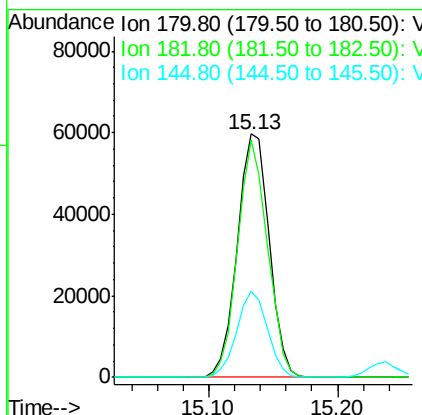
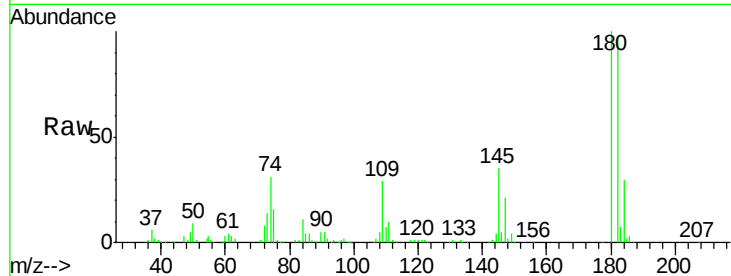
#93
 1,2,4-Trichlorobenzene
 Concen: 48.405 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102012		
182	91.7	44.9	134.7	
145	34.0	17.1	51.2	

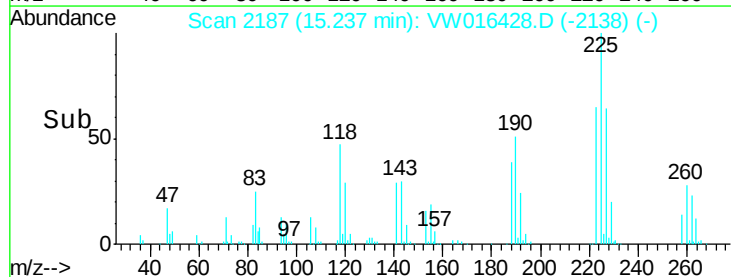
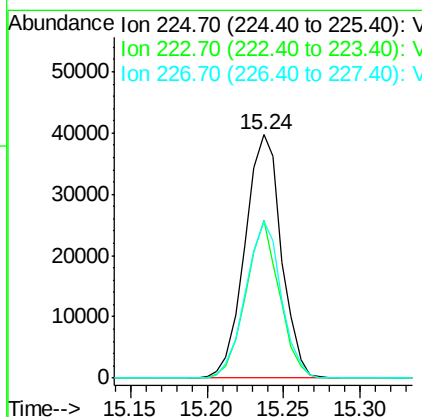
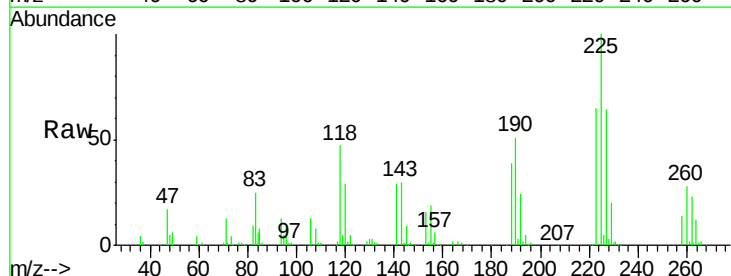
Manual Integrations
 APPROVED

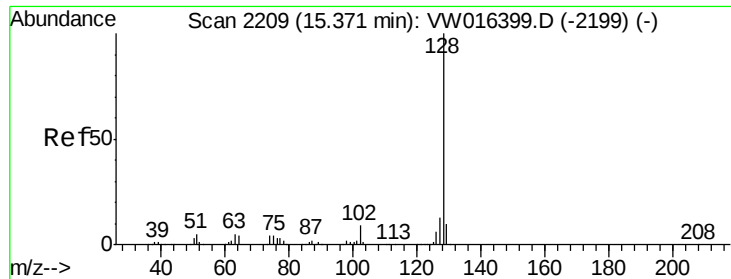
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 52.266 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016428.D
 Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65760		
223	59.2	30.5	91.5	
227	62.9	30.7	92.1	





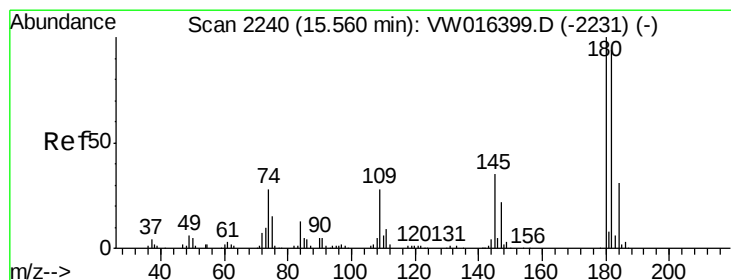
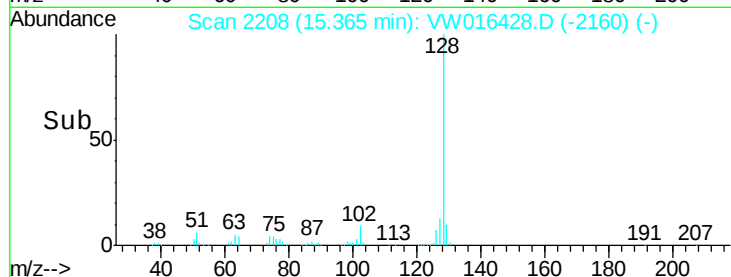
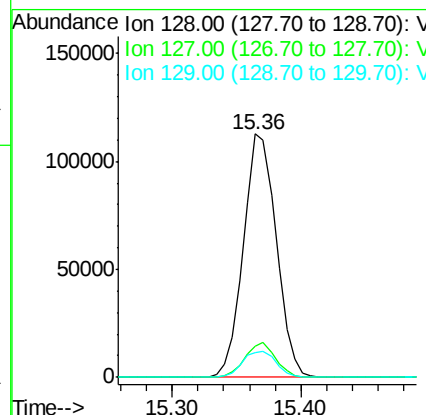
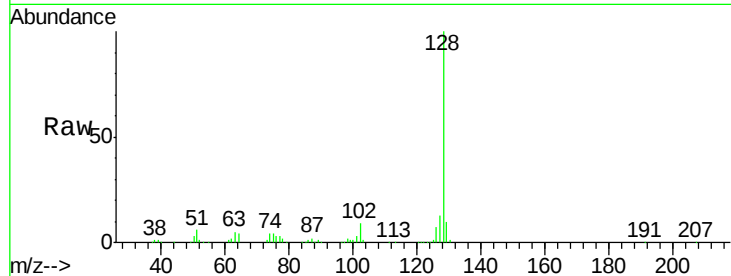
#95
Naphthalene
Concen: 51.082 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.0	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 49.355 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016428.D
Acq: 31 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.5	139.5
145	34.1	18.1	54.3

