

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090120\
 Data File : VW016430.D
 Acq On : 01 Sep 2020 12:35
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/2/2020 2:22:29 PM

Quant Time: Sep 02 09:02:23 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	164391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	254741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	230961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	82667	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	7.88	113	82034	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.33	98	312691	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.62	95	120291	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	46272	49.944	ug/l	100
3) Chloromethane	2.21	50	38289	42.958	ug/l	94
4) Vinyl Chloride	2.37	62	85045	65.464	ug/l	97
5) Bromomethane	2.78	94	61139	66.648	ug/l	96
6) Chloroethane	2.93	64	54430	70.388	ug/l	96
7) Trichlorofluoromethane	3.26	101	78841	50.196	ug/l	98
8) Diethyl Ether	3.68	74	34348	43.445	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	73880	48.189	ug/l	99
10) Methyl Iodide	4.27	142	113869	48.602	ug/l	99
11) Tert butyl alcohol	5.16	59	24632	247.567	ug/l	98
12) 1,1-Dichloroethene	4.04	96	74332	47.512	ug/l	98
13) Acrolein	3.90	56	15768	207.991	ug/l	95
14) Allyl chloride	4.67	41	89335	45.683	ug/l	97
15) Acrylonitrile	5.37	53	67887	230.627	ug/l	99
16) Acetone	4.11	43	73308	262.333	ug/l	97
17) Carbon Disulfide	4.38	76	206845	47.092	ug/l	100
18) Methyl Acetate	4.67	43	27804	43.634	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	113612	47.531	ug/l	95
20) Methylene Chloride	4.92	84	88003	49.968	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	82913	47.284	ug/l	95
22) Diisopropyl ether	6.31	45	177332	45.811	ug/l	97
23) Vinyl Acetate	6.26	43	547280	230.699	ug/l	99
24) 1,1-Dichloroethane	6.21	63	127822	45.800	ug/l	98
25) 2-Butanone	7.17	43	87849	231.702	ug/l	98
26) 2,2-Dichloropropane	7.17	77	104078	48.285	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	89020	46.858	ug/l	97
28) Bromochloromethane	7.51	49	49576	48.904	ug/l	98
29) Tetrahydrofuran	7.53	42	51327	226.774	ug/l	98
30) Chloroform	7.68	83	146449	47.239	ug/l	96
31) Cyclohexane	7.96	56	112843	44.117	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	137031	49.080	ug/l	98
36) 1,1-Dichloropropene	8.09	75	114149	47.085	ug/l	98
37) Ethyl Acetate	7.25	43	36441	44.371	ug/l	97
38) Carbon Tetrachloride	8.07	117	130746	49.218	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	142323	48.485	ug/l	95
40) Benzene	8.32	78	305173	47.019	ug/l	100
41) Methacrylonitrile	7.48	41	23776	50.280	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	94312	47.639	ug/l	100
43) Isopropyl Acetate	8.43	43	74692	45.573	ug/l	99
44) Trichloroethene	9.10	130	91432	47.081	ug/l	99
45) 1,2-Dichloropropane	9.37	63	68244	45.324	ug/l	96
46) Dibromomethane	9.46	93	42035	46.988	ug/l	97
47) Bromodichloromethane	9.65	83	110329	47.819	ug/l	99
48) Methyl methacrylate	9.44	41	35295	45.168	ug/l	100
49) 1,4-Dioxane	9.45	88	12470	1023.331	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	186890	230.612	ug/l	99
52) Toluene	10.39	92	208182	47.840	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	107620	47.963	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	124439	47.596	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	59271	46.469	ug/l	94
56) Ethyl methacrylate	10.65	69	71719	48.117	ug/l	99
57) 1,3-Dichloropropane	10.93	76	97339	45.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	158991	237.562	ug/l	97
59) 2-Hexanone	10.97	43	134883	243.959	ug/l	99
60) Dibromochloromethane	11.13	129	77532	48.074	ug/l	100
61) 1,2-Dibromoethane	11.24	107	58853	47.049	ug/l	99
64) Tetrachloroethene	10.87	164	75551	47.622	ug/l	97
65) Chlorobenzene	11.66	112	223629	47.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	83442	47.376	ug/l	98
67) Ethyl Benzene	11.73	91	415272	48.902	ug/l	97
68) m/p-Xylenes	11.84	106	314430	96.981	ug/l	99
69) o-Xylene	12.17	106	140655	47.176	ug/l	100
70) Styrene	12.18	104	244903	48.197	ug/l	99
71) Bromoform	12.35	173	42492	47.413	ug/l #	93
73) Isopropylbenzene	12.46	105	415643	49.330	ug/l	100
74) N-amyl acetate	12.27	43	70671	47.929	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	64370	46.408	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	47152m	46.666	ug/l	
77) Bromobenzene	12.75	156	93564	47.768	ug/l	97
78) n-propylbenzene	12.80	91	482865	48.818	ug/l	98
79) 2-Chlorotoluene	12.90	91	279658	48.009	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	362704	49.081	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	21807	47.916	ug/l	98
82) 4-Chlorotoluene	12.99	91	292503	48.030	ug/l	100
83) tert-Butylbenzene	13.21	119	311530	50.177	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	360389	48.894	ug/l	99
85) sec-Butylbenzene	13.38	105	426807	49.648	ug/l	100
86) p-Isopropyltoluene	13.50	119	403287	50.252	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	176893	47.049	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	179869	47.550	ug/l	100
89) n-Butylbenzene	13.82	91	366614	49.756	ug/l	98
90) Hexachloroethane	14.10	117	73747	48.942	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	162464	48.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12022	47.683	ug/l	96

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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)
93) 1,2,4-Trichlorobenzene	15.13	180	112243	50.204	ug/l	95
94) Hexachlorobutadiene	15.24	225	69361	51.965	ug/l	99
95) Naphthalene	15.37	128	205807	49.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	99471	50.777	ug/l	99

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

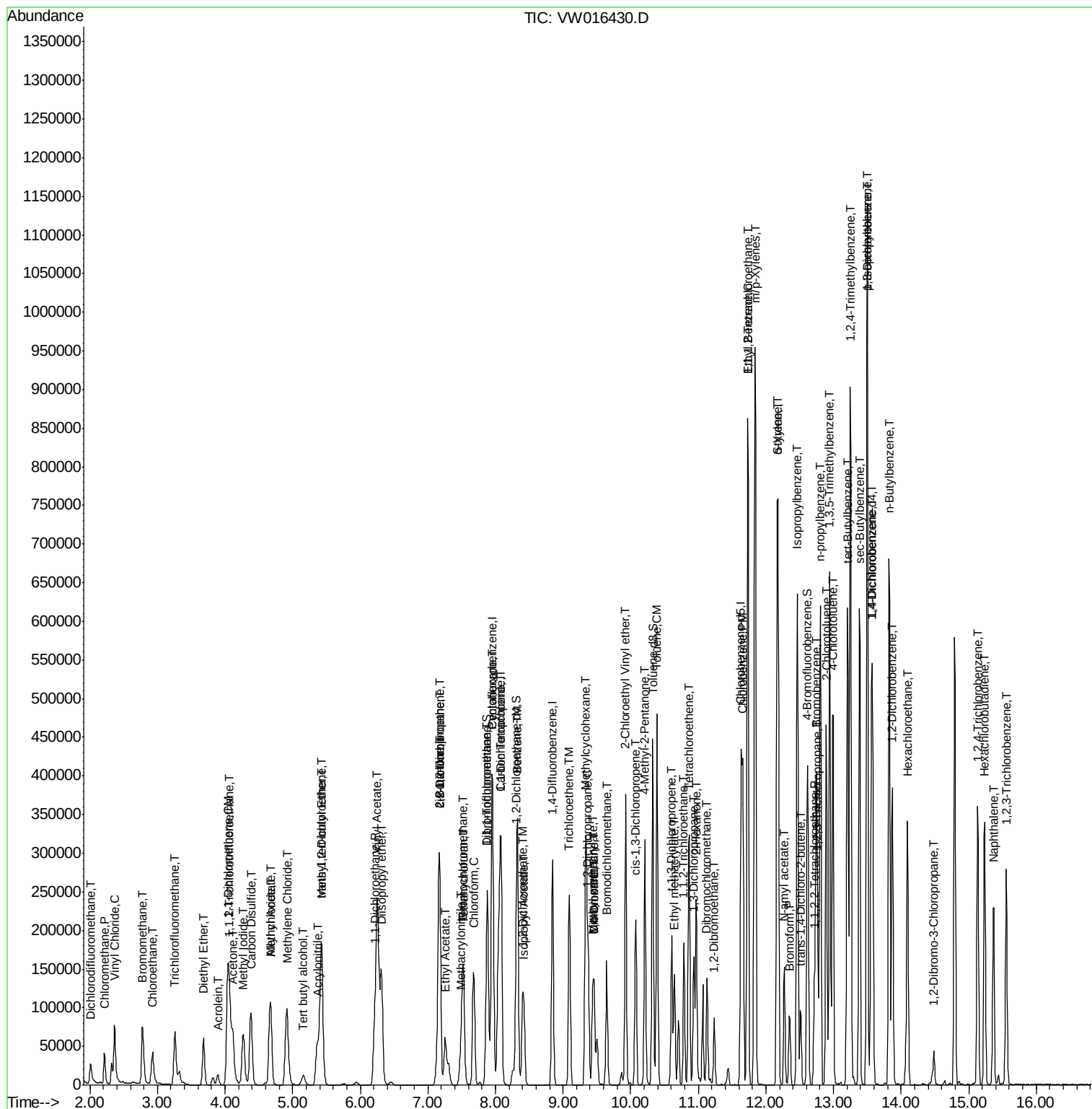
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090120\
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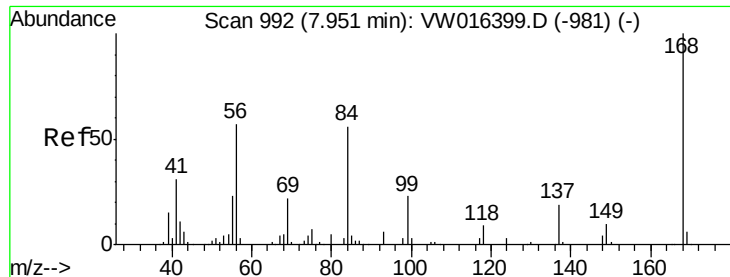
Instrument :
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Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 164391

Ion Ratio Lower Upper

168 100

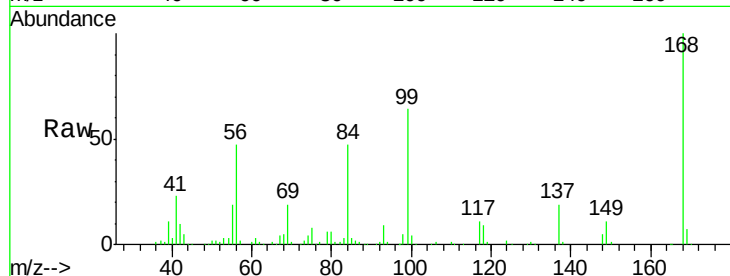
99 64.0 49.0 73.4

Manual Integrations

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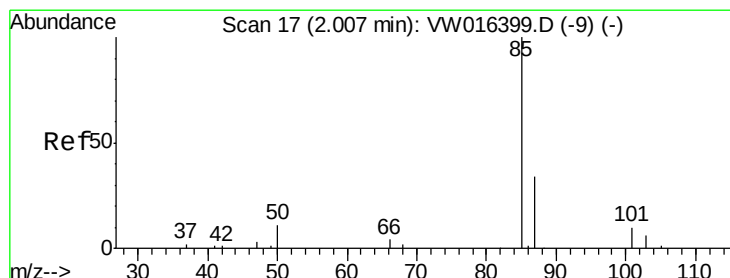
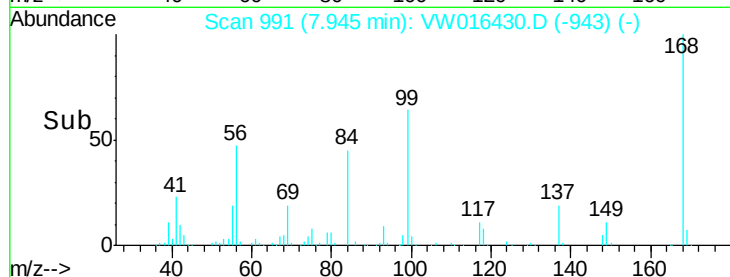
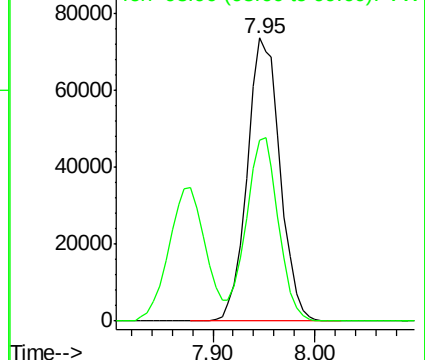
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.944 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016430.D

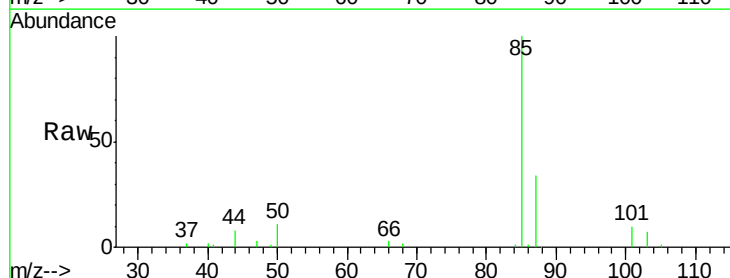
Acq: 01 Sep 2020 12:35

Tgt Ion: 85 Resp: 46272

Ion Ratio Lower Upper

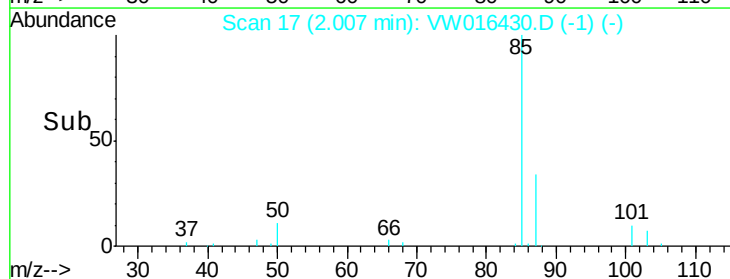
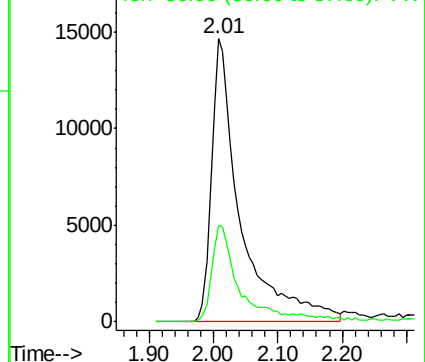
85 100

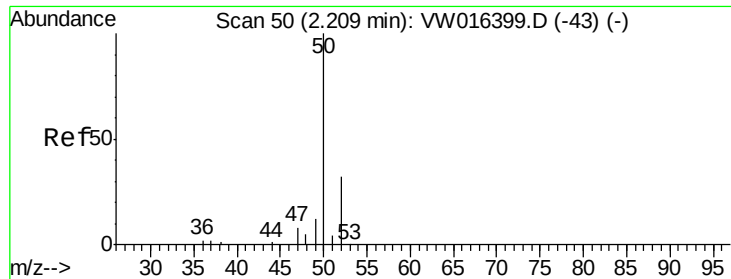
87 34.0 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 42.958 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 38289

Ion Ratio Lower Upper

50 100

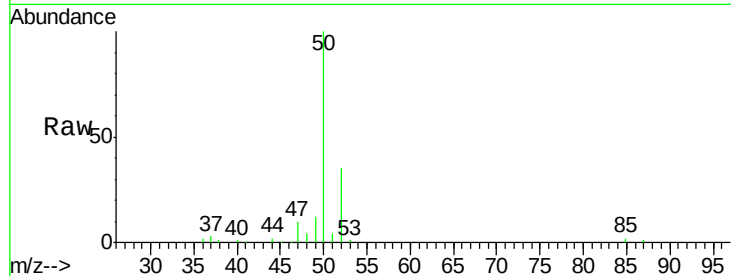
52 35.4 25.5 38.3

Manual Integrations

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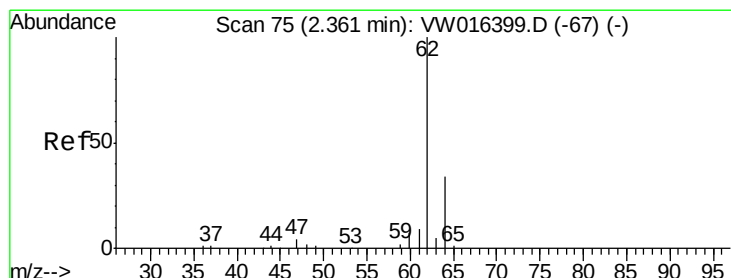
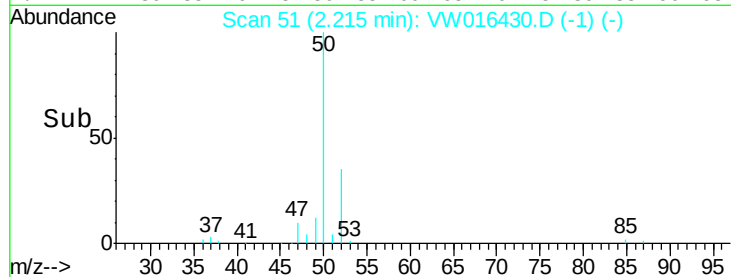
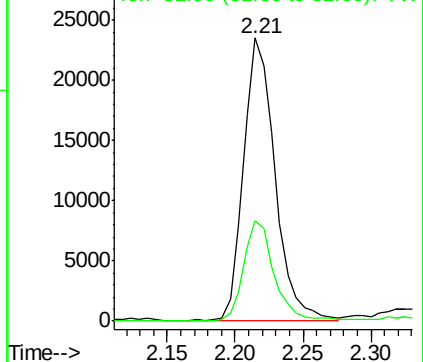
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 65.464 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW016430.D

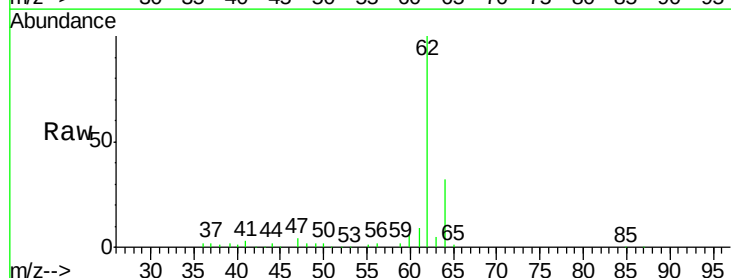
Acq: 01 Sep 2020 12:35

Tgt Ion: 62 Resp: 85045

Ion Ratio Lower Upper

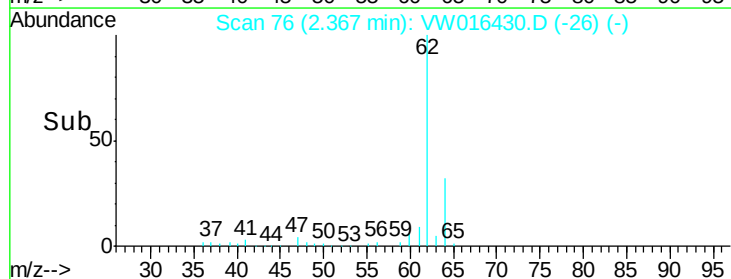
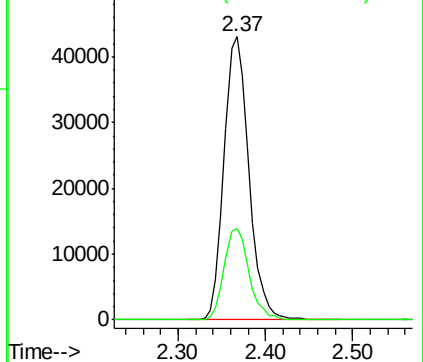
62 100

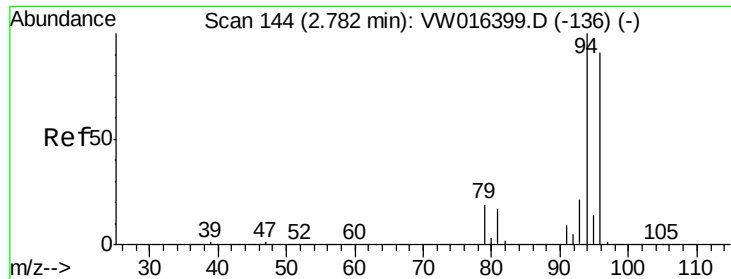
64 32.2 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 66.648 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 61139

Ion Ratio Lower Upper

94 100

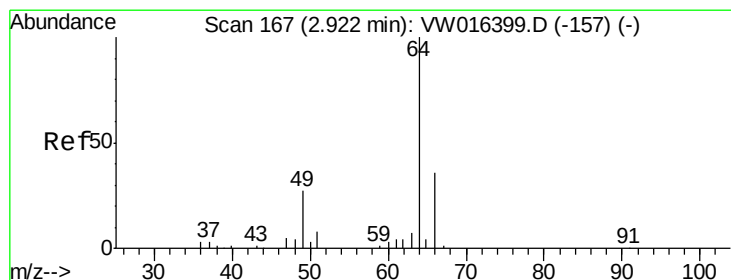
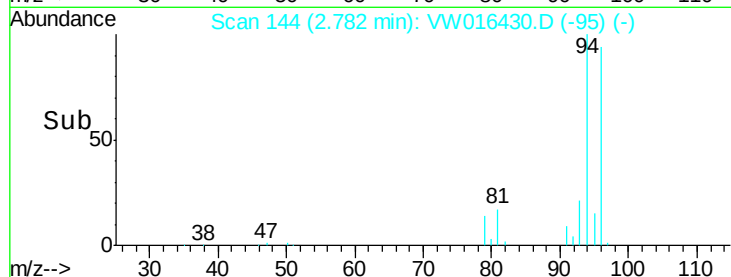
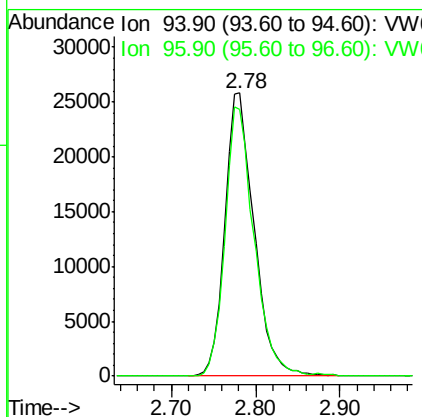
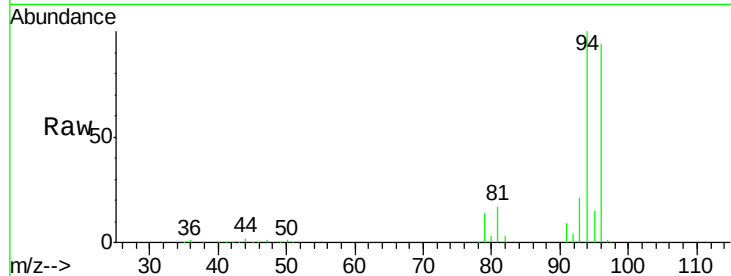
96 94.4 72.6 109.0

Manual Integrations

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#6

Chloroethane

Concen: 70.388 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW016430.D

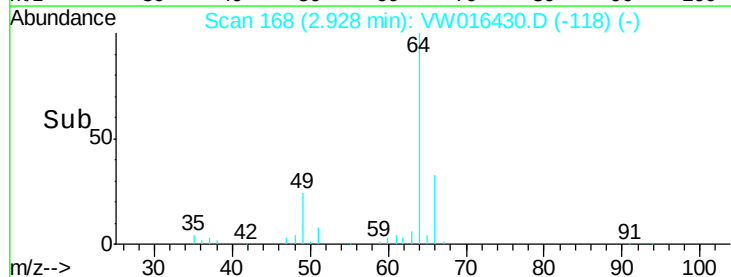
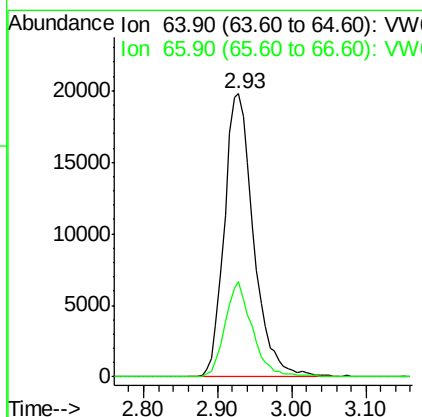
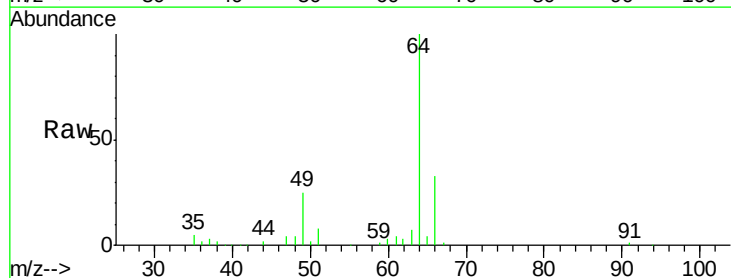
Acq: 01 Sep 2020 12:35

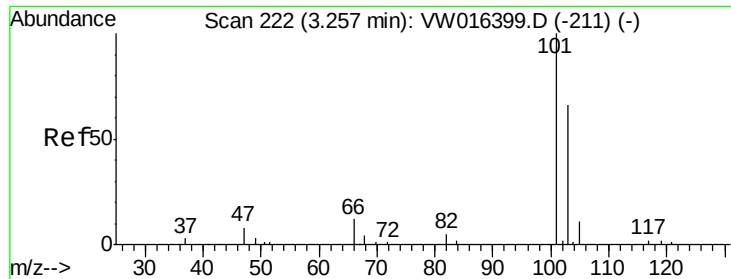
Tgt Ion: 64 Resp: 54430

Ion Ratio Lower Upper

64 100

66 33.4 28.7 43.1





#7

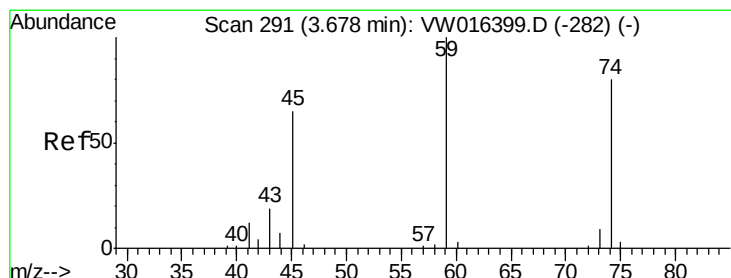
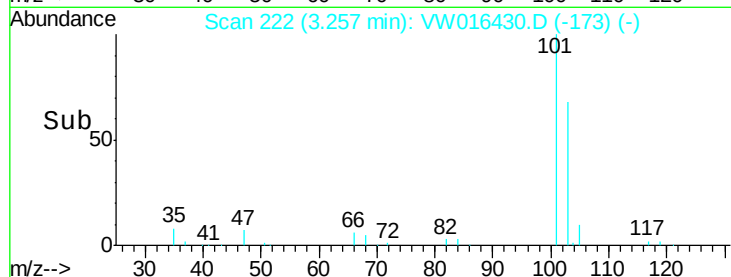
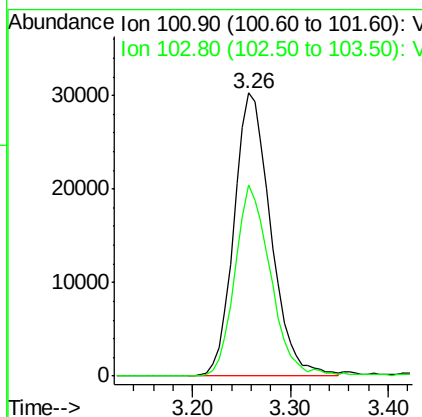
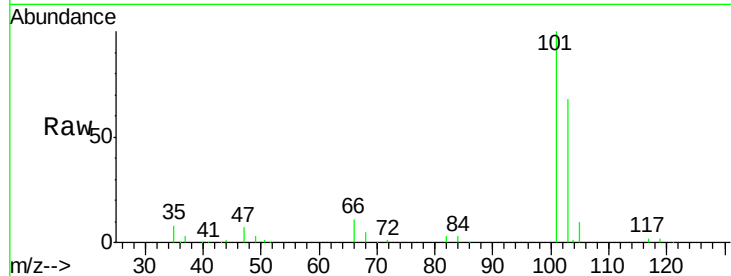
Trichlorofluoromethane
Concen: 50.196 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 78841
Ion Ratio Lower Upper
101 100
103 67.7 53.0 79.4

Manual Integrations
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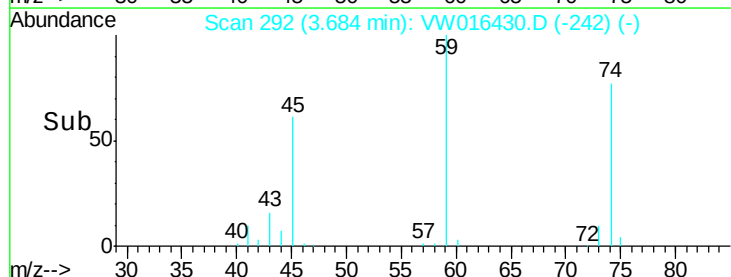
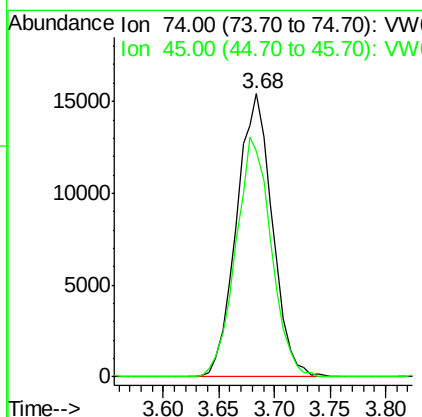
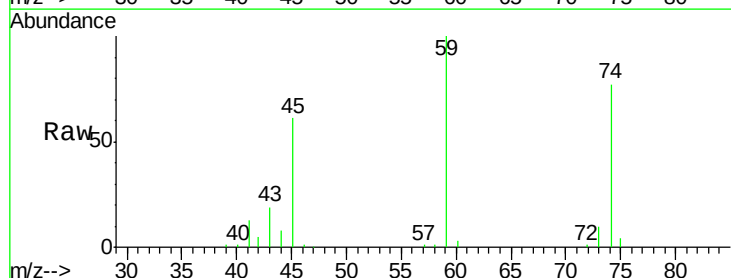
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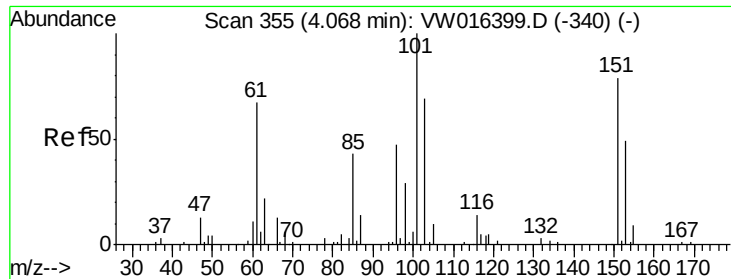


#8

Diethyl Ether
Concen: 43.445 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion: 74 Resp: 34348
Ion Ratio Lower Upper
74 100
45 84.0 42.0 126.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.189 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

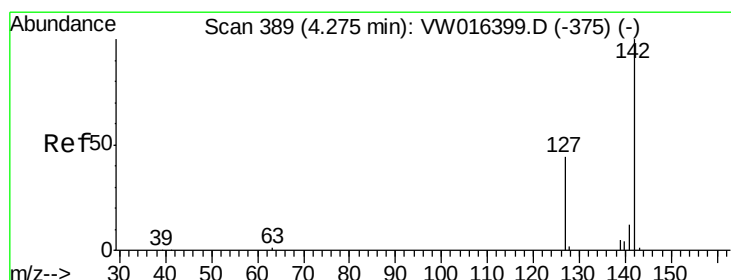
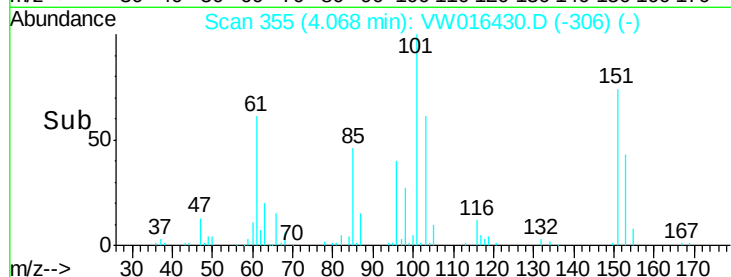
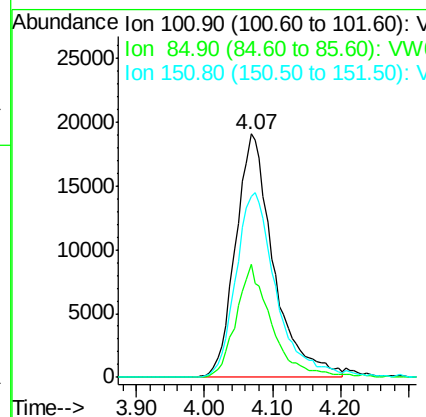
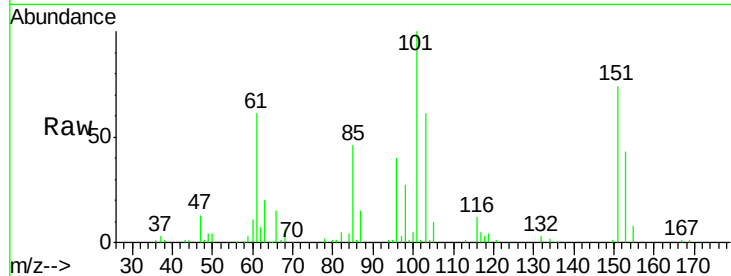
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	73880
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.2	51.2
151	80.2	63.8	95.8

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#10

Methyl Iodide

Concen: 48.602 ug/l

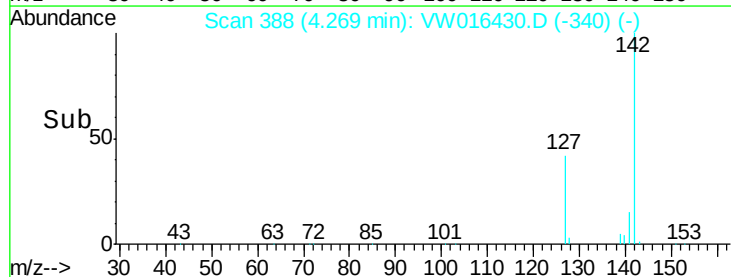
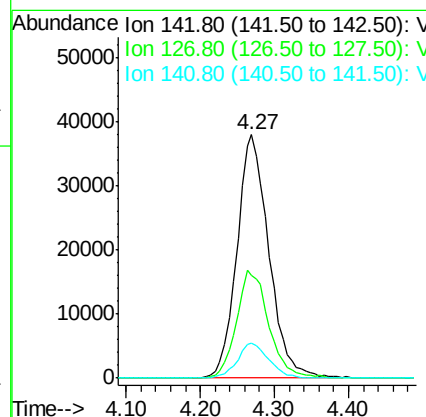
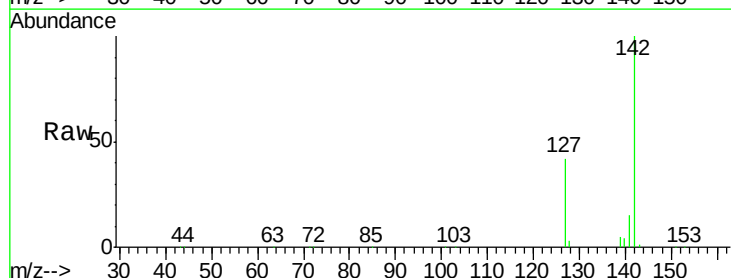
RT: 4.27 min Scan# 388

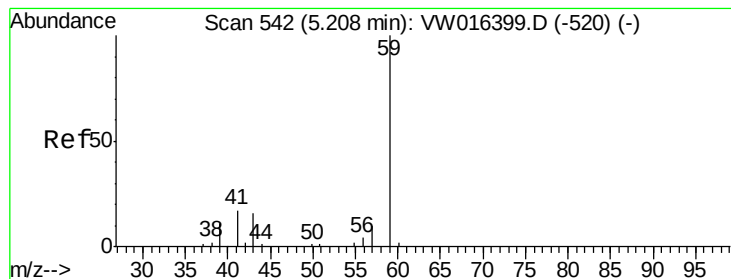
Delta R.T. -0.01 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Tgt Ion:	142	Resp:	113869
Ion Ratio	Lower	Upper	
142	100		
127	44.7	36.2	54.4
141	14.3	11.8	17.6





#11

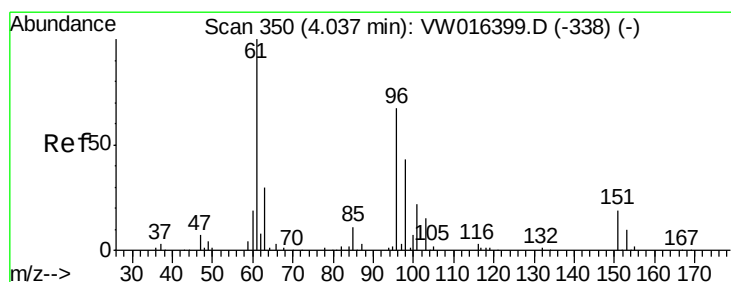
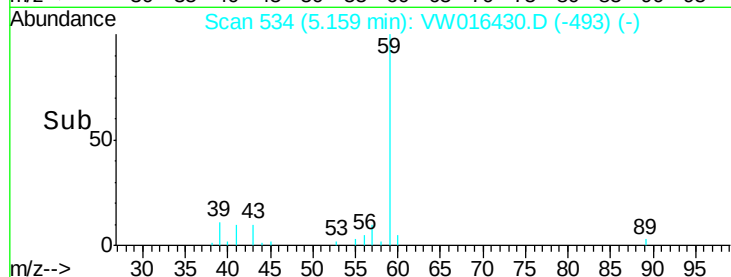
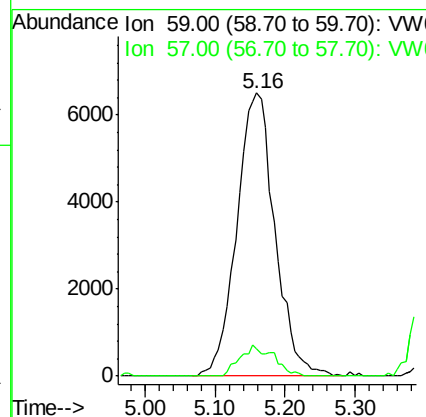
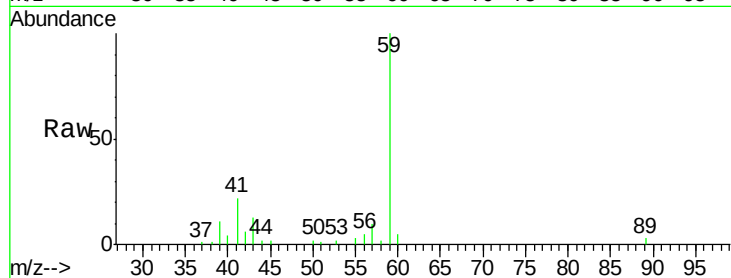
Tert butyl alcohol
Concen: 247.567 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.05 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	24632		
57	9.6		8.2	12.4

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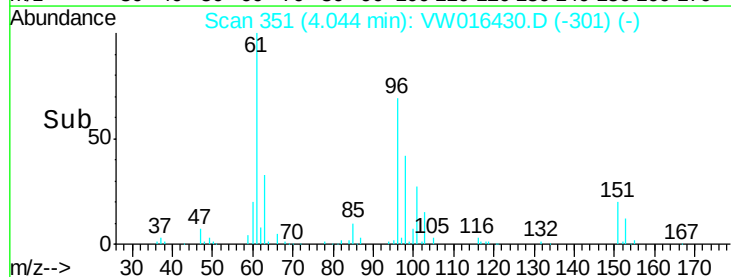
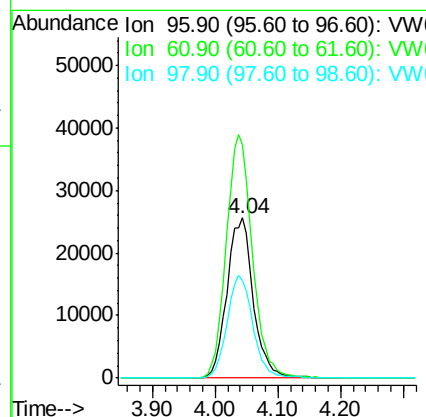
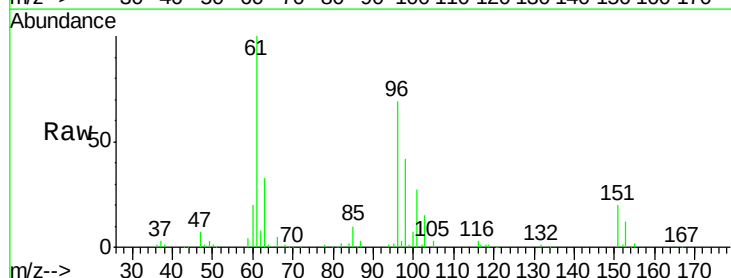
MMDadoda
9/2/2020 2:22:29 PM

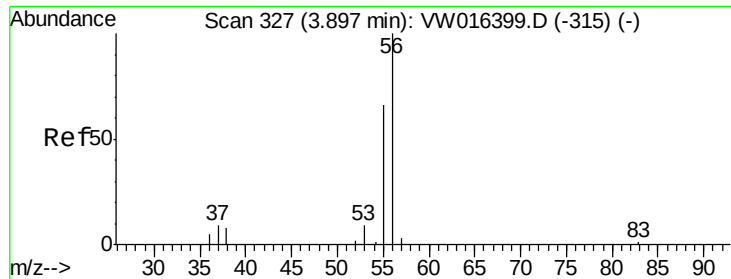


#12

1,1-Dichloroethene
Concen: 47.512 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	74332		
61	145.8		119.0	178.4
98	61.5		50.6	76.0





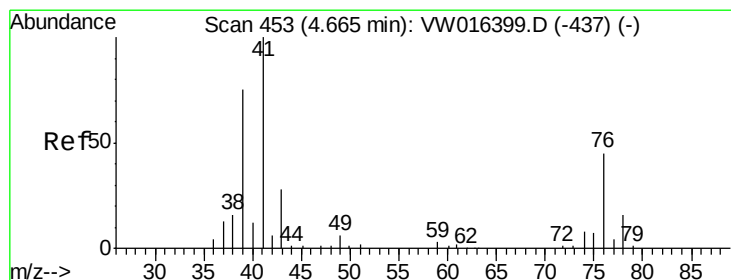
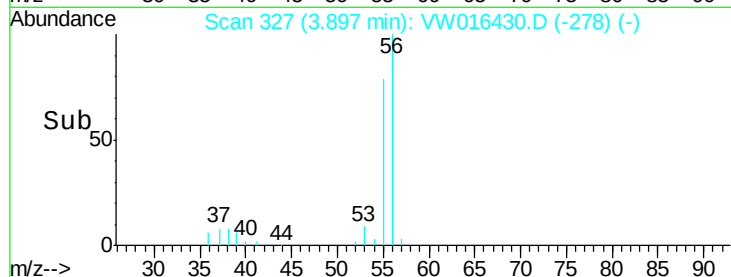
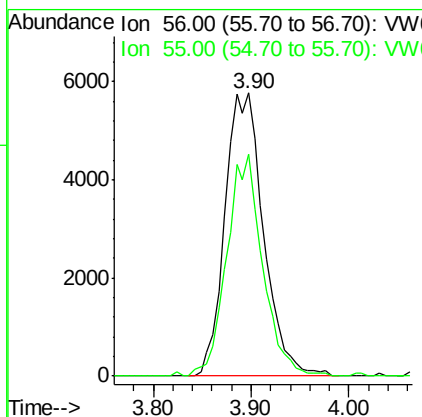
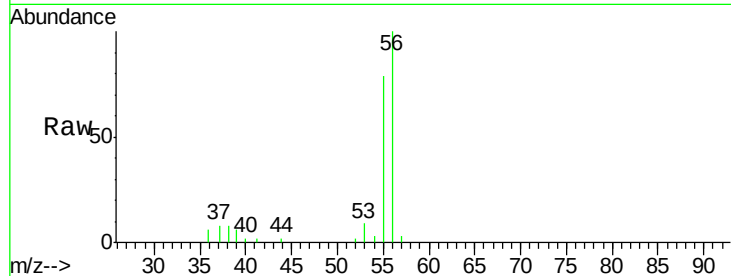
#13
 Acrolein
 Concen: 207.991 ug/l
 RT: 3.90 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	72.8	54.8	82.2

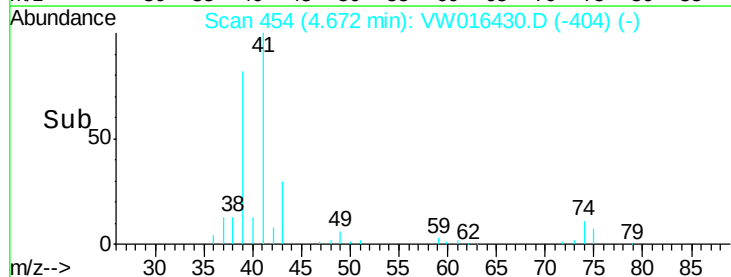
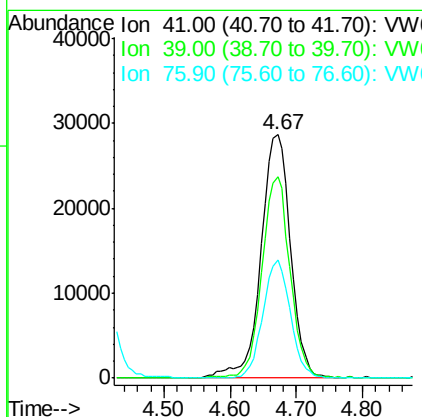
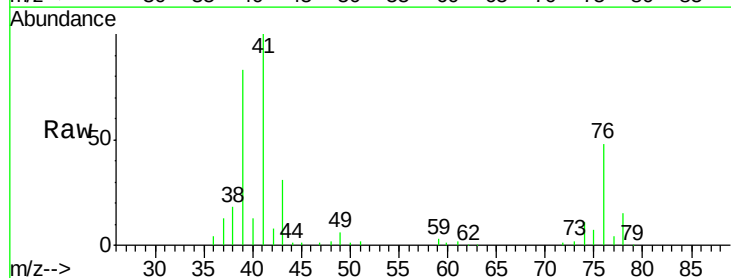
Manual Integrations
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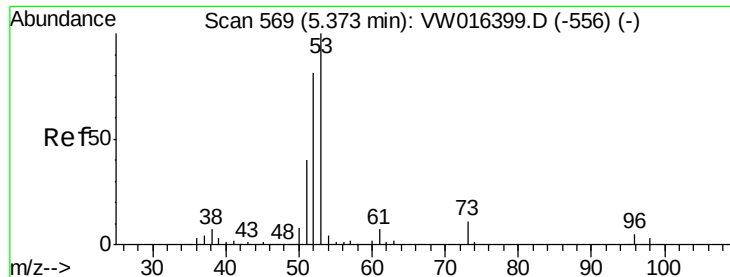
MMDadoda
 9/2/2020 2:22:29 PM



#14
 Allyl chloride
 Concen: 45.683 ug/l
 RT: 4.67 min Scan# 454
 Delta R.T. 0.01 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	78.5	60.2	90.2
76	76	44.8	35.7	53.5





#15

Acrylonitrile

Concen: 230.627 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

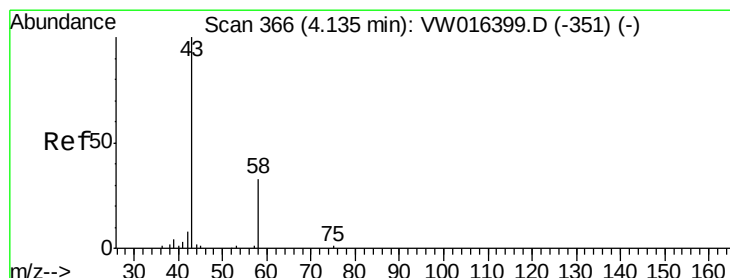
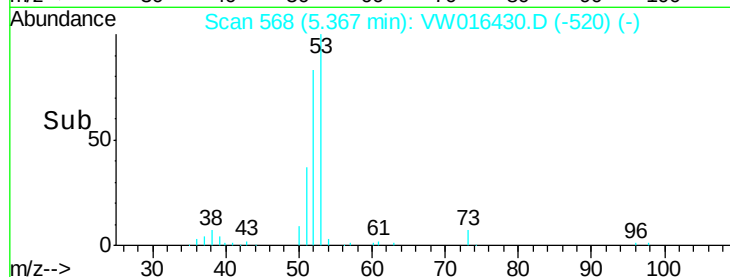
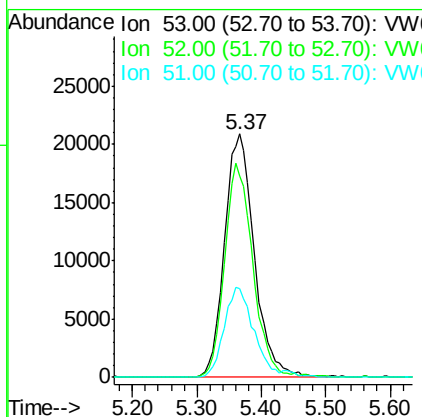
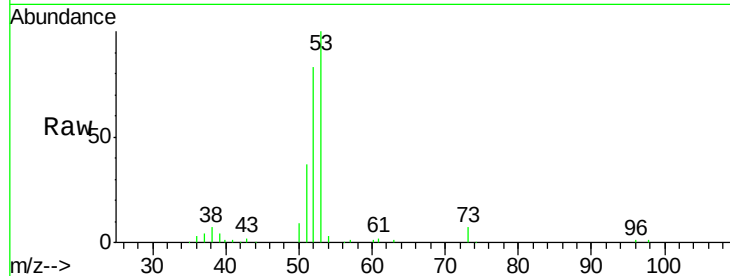
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	67887
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.1	99.1
51	36.2	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 262.333 ug/l

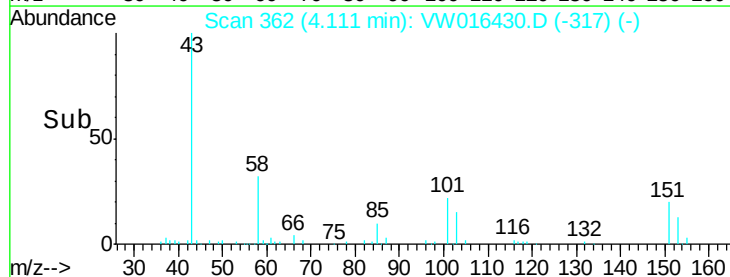
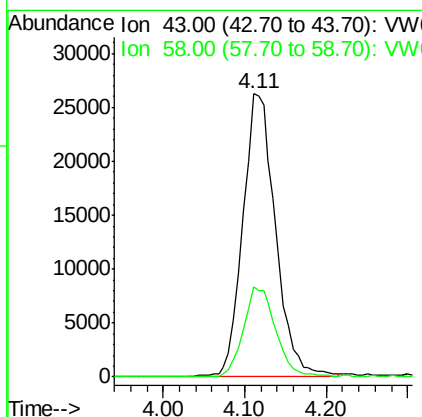
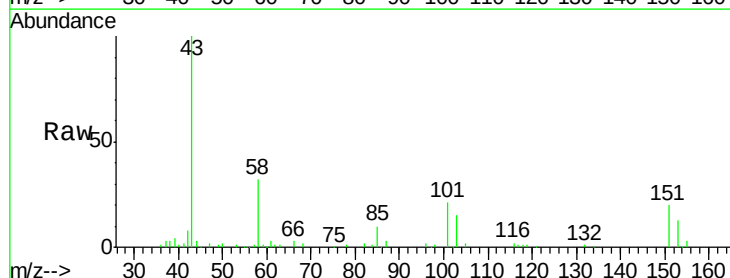
RT: 4.11 min Scan# 362

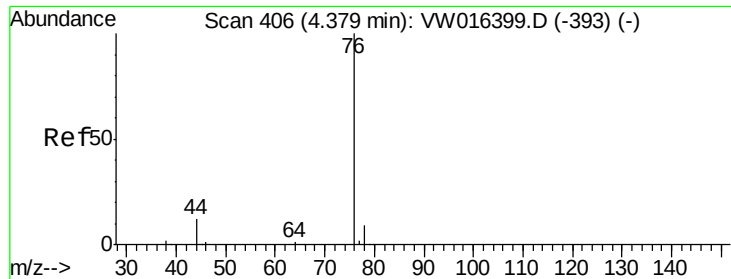
Delta R.T. -0.02 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Tgt Ion:	43	Resp:	73308
Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.6	39.8





#17

Carbon Disulfide

Concen: 47.092 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 206845

Ion Ratio Lower Upper

76 100

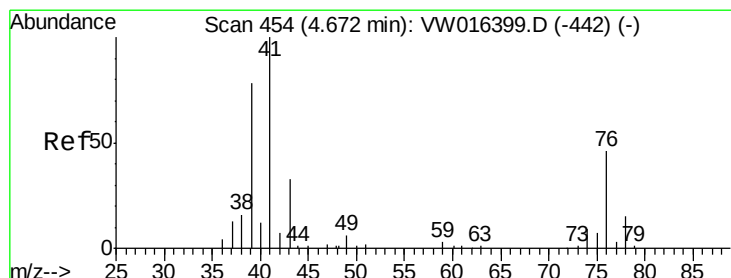
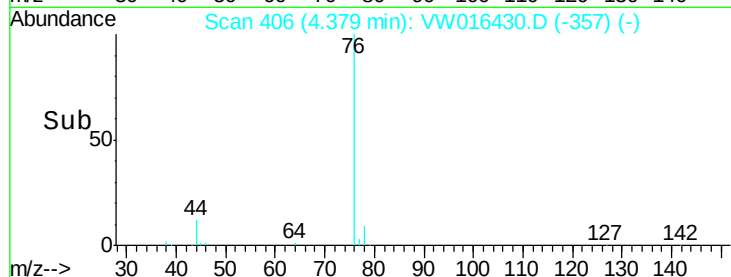
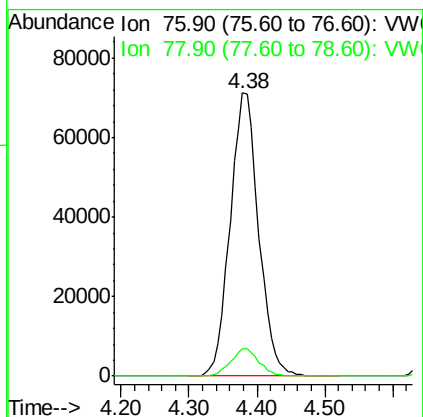
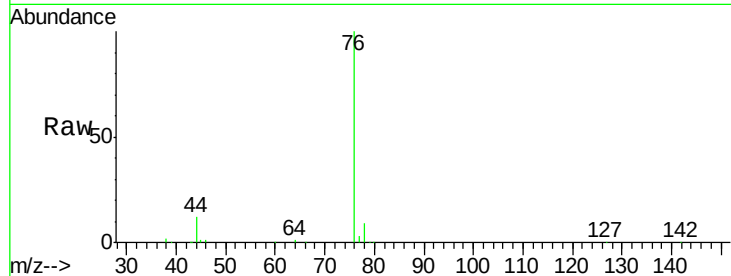
78 9.5 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 43.634 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW016430.D

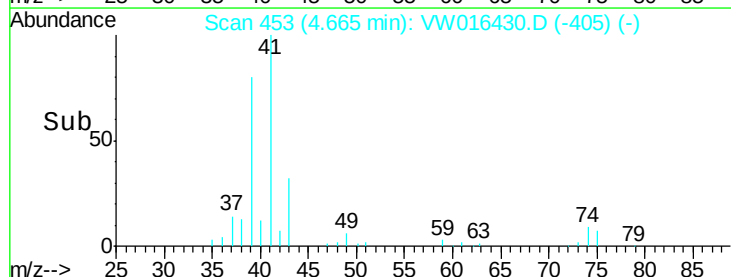
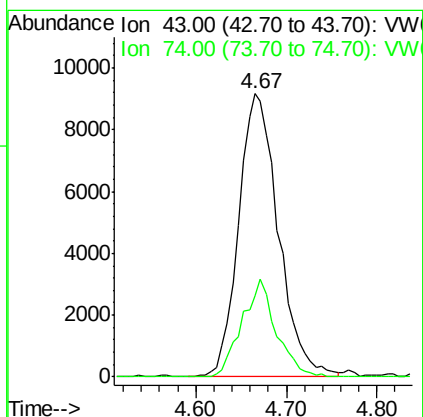
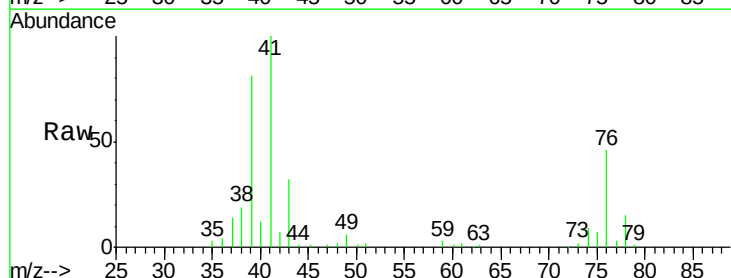
Acq: 01 Sep 2020 12:35

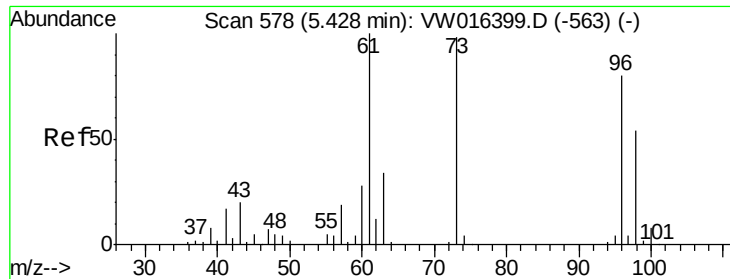
Tgt Ion: 43 Resp: 27804

Ion Ratio Lower Upper

43 100

74 29.6 23.2 34.8





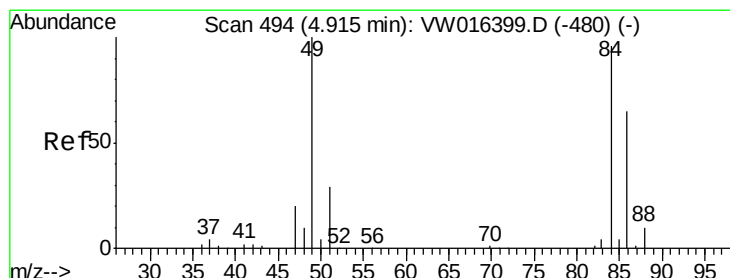
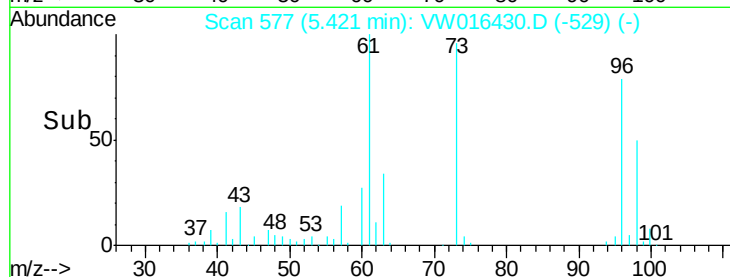
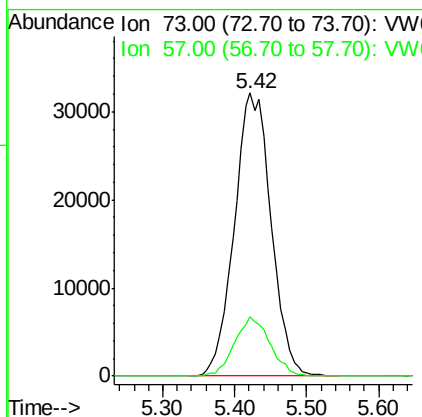
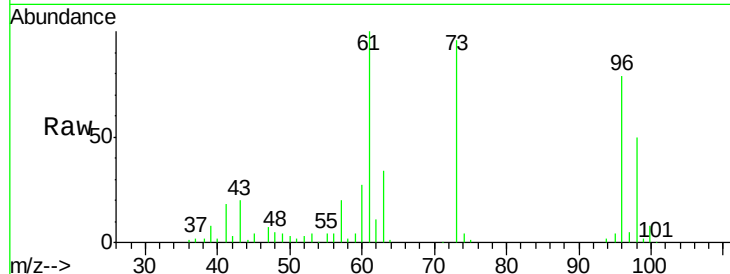
#19
Methyl tert-butyl Ether
Concen: 47.531 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 113612
Ion Ratio Lower Upper
73 100
57 21.2 15.0 22.6

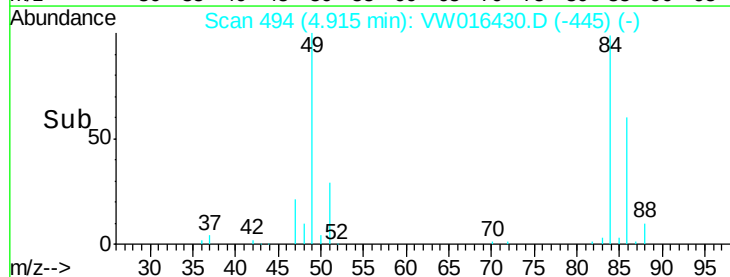
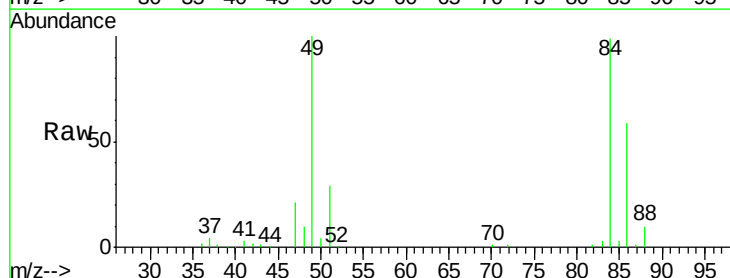
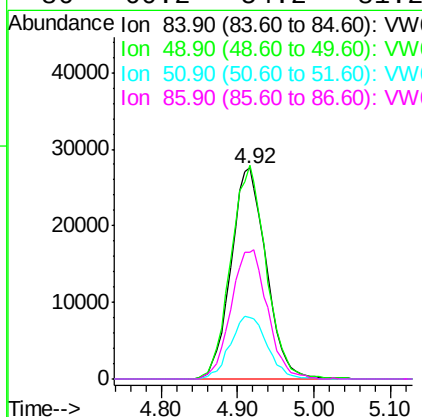
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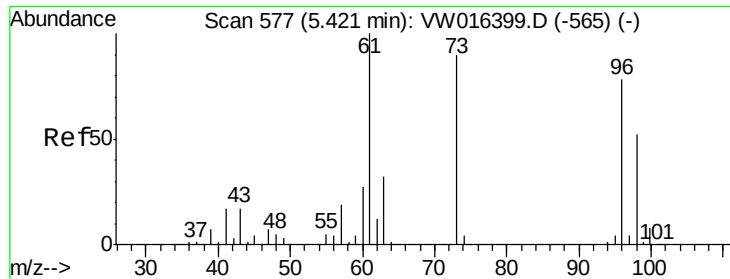
MMDadoda
9/2/2020 2:22:29 PM



#20
Methylene Chloride
Concen: 49.968 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion: 84 Resp: 88003
Ion Ratio Lower Upper
84 100
49 101.2 83.2 124.8
51 29.4 24.4 36.6
86 60.2 54.2 81.2





#21

trans-1,2-Dichloroethene

Concen: 47.284 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

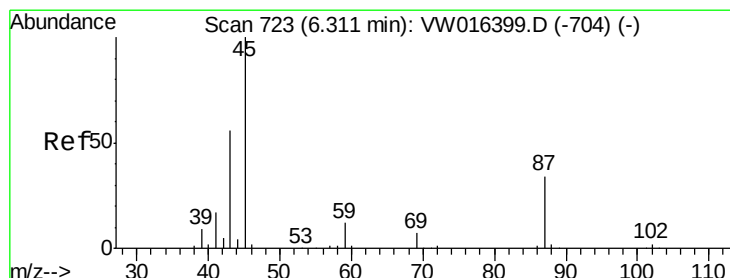
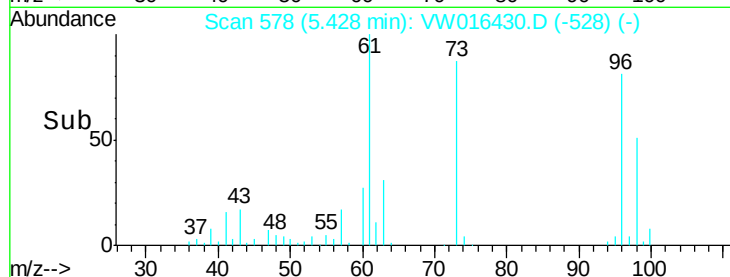
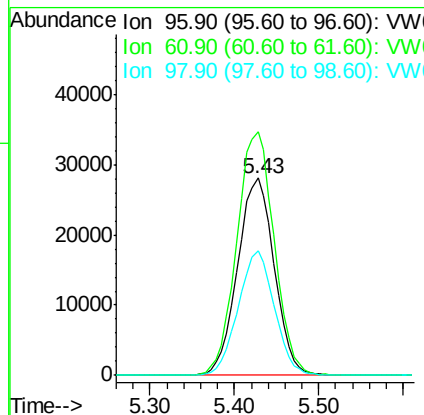
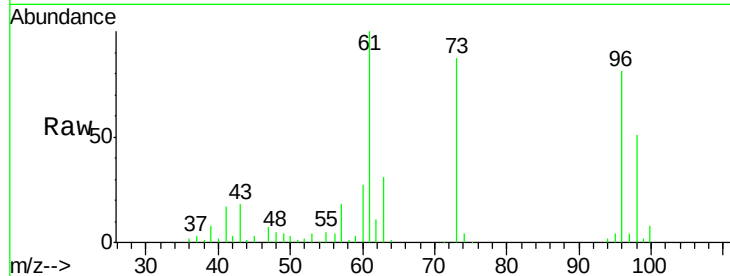
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	82913
Ion	Ratio	Lower	Upper
96	100		
61	123.4	103.0	154.6
98	63.1	53.8	80.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.811 ug/l

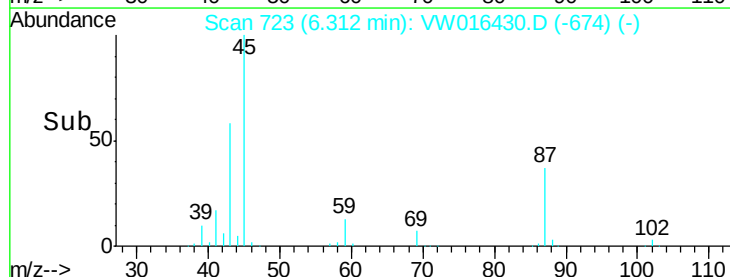
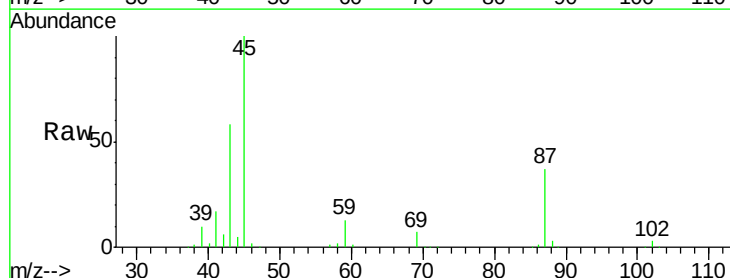
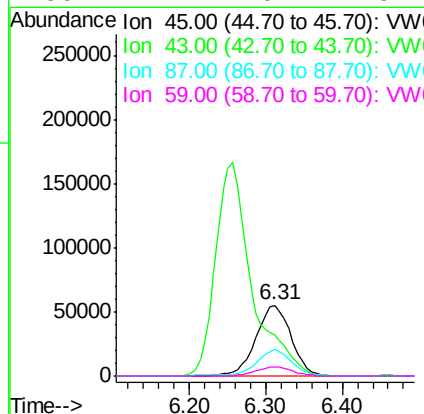
RT: 6.31 min Scan# 723

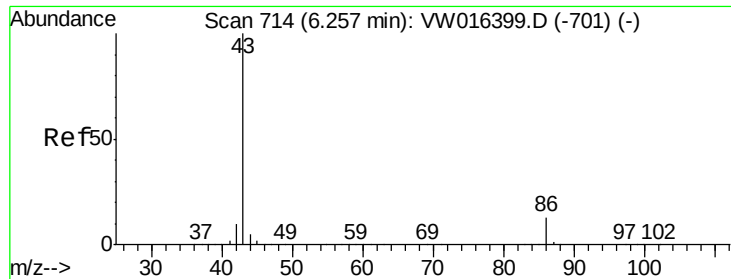
Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Tgt Ion:	45	Resp:	177332
Ion	Ratio	Lower	Upper
45	100		
43	57.0	44.6	67.0
87	37.2	27.5	41.3
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 230.699 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 547280

Ion Ratio Lower Upper

43 100

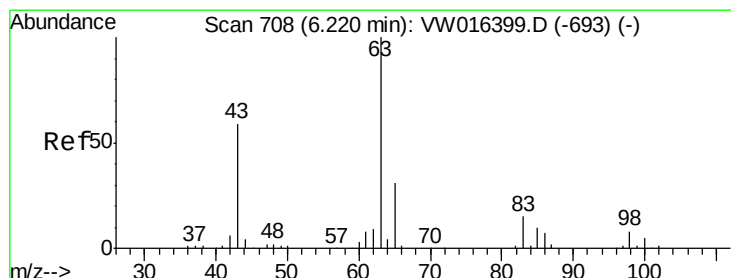
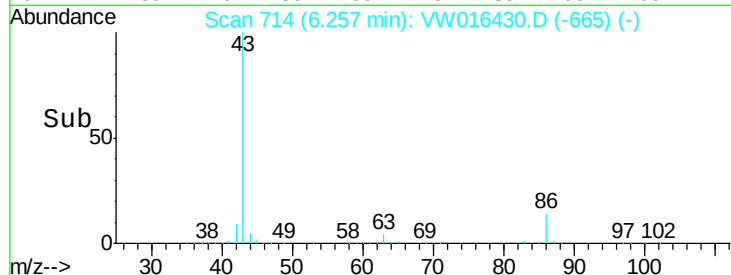
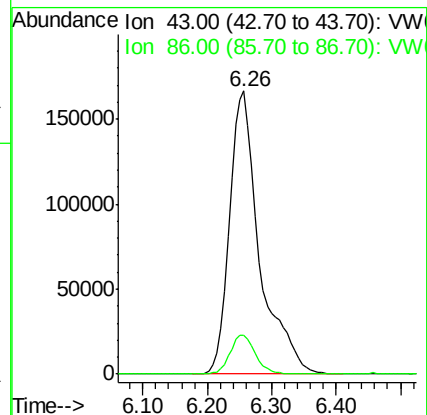
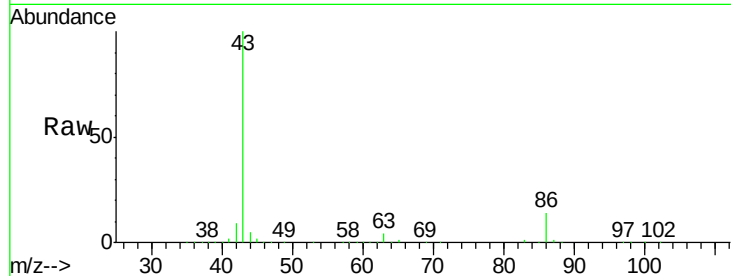
86 13.8 10.6 15.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 45.800 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

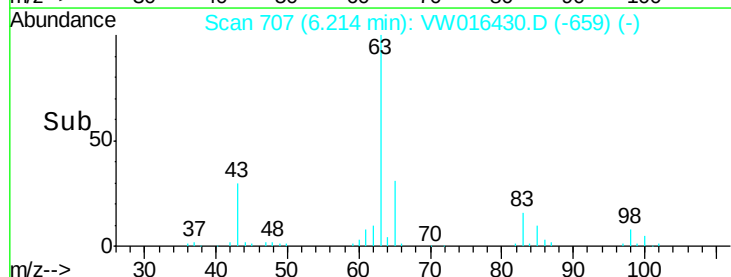
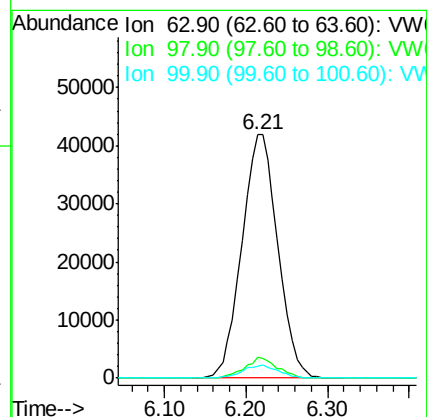
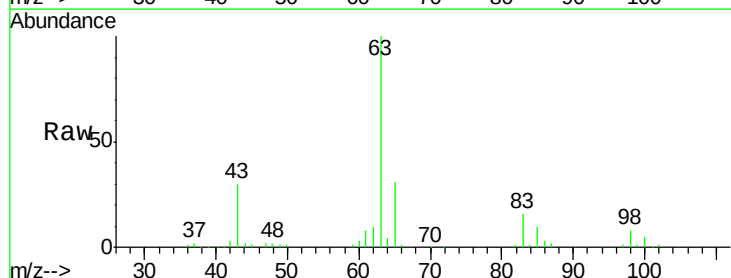
Tgt Ion: 63 Resp: 127822

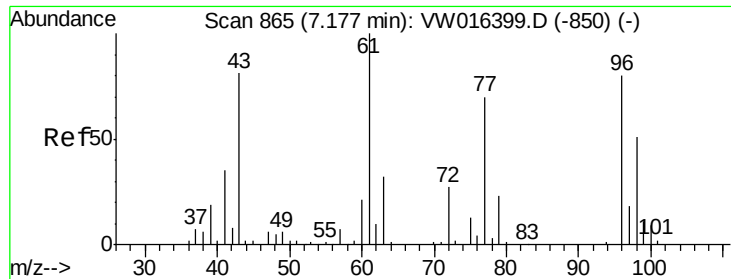
Ion Ratio Lower Upper

63 100

98 8.5 3.8 11.2

100 5.0 2.5 7.5





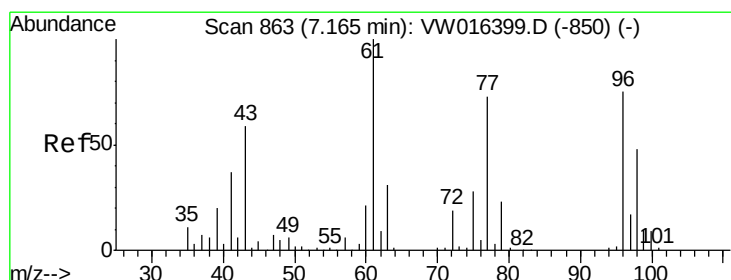
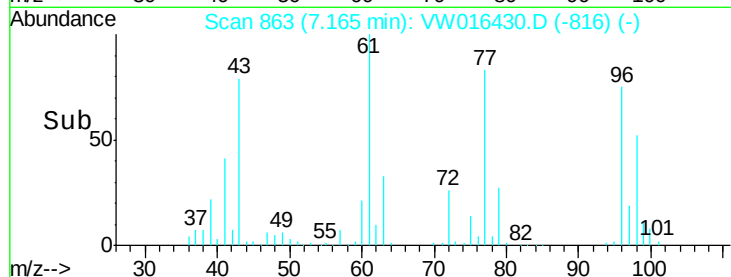
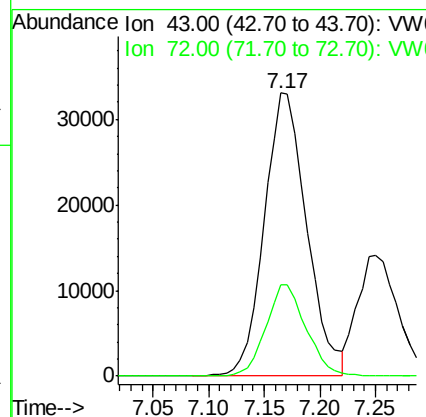
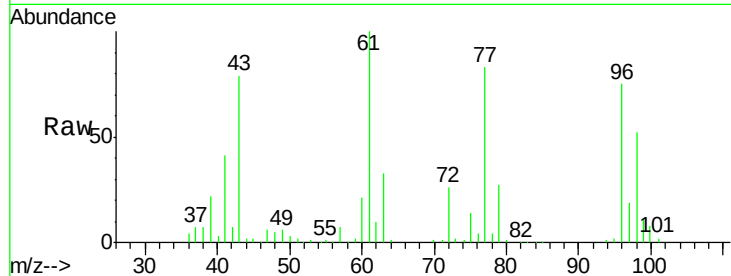
#25
2-Butanone
Concen: 231.702 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 87849
Ion Ratio Lower Upper
43 100
72 32.4 26.7 40.1

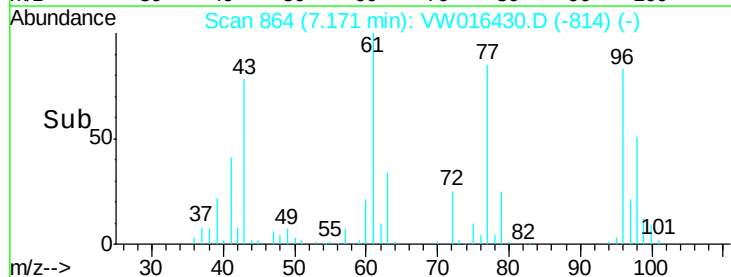
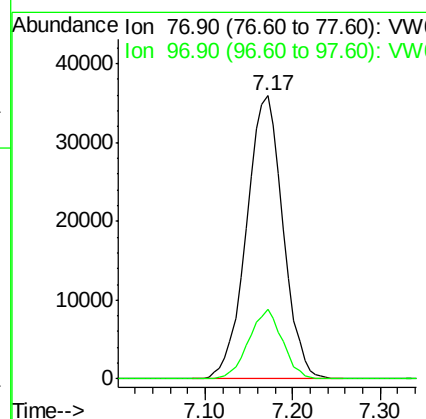
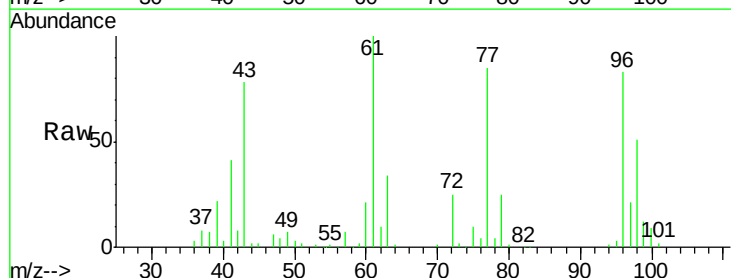
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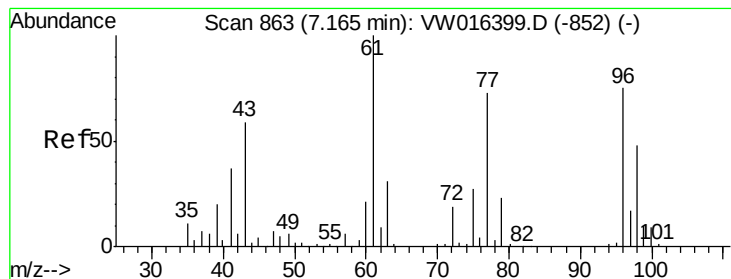
MMDadoda
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#26
2,2-Dichloropropane
Concen: 48.285 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion: 77 Resp: 104078
Ion Ratio Lower Upper
77 100
97 22.7 11.7 35.0





#27

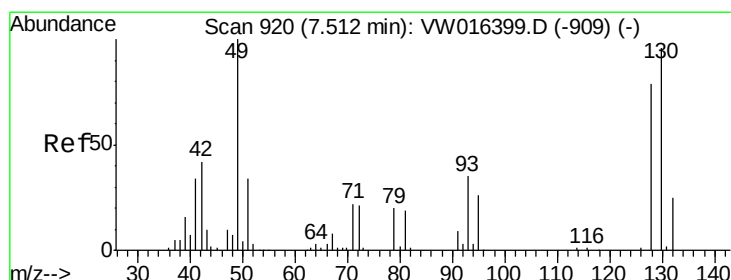
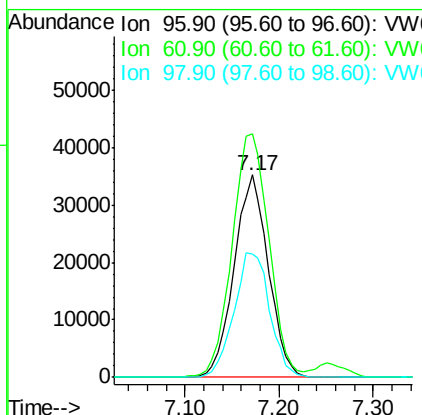
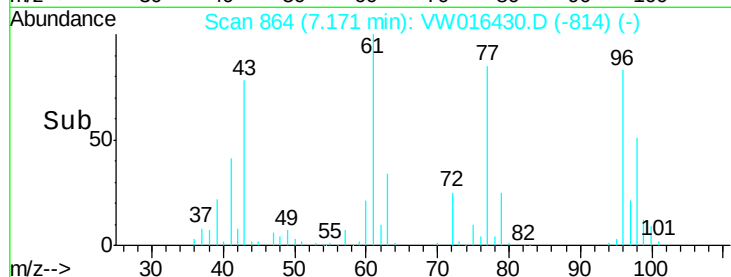
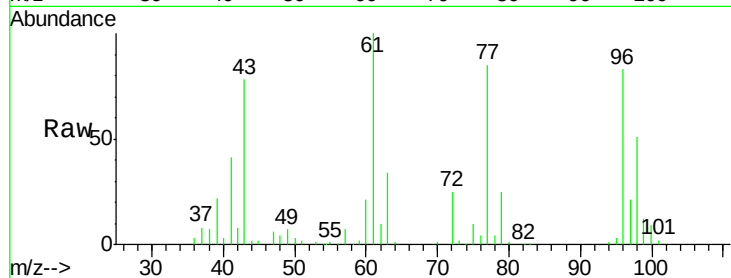
cis-1,2-Dichloroethene
Concen: 46.858 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	89020		
61	129.6	0.0	268.6	
98	64.1	0.0	130.0	

Manual Integrations
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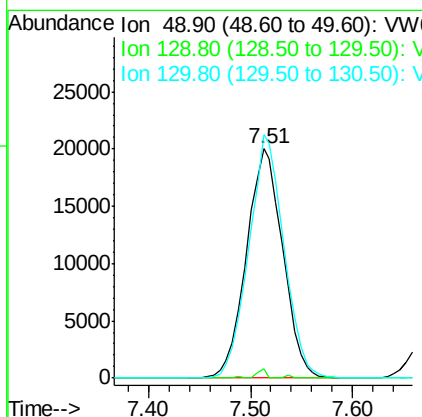
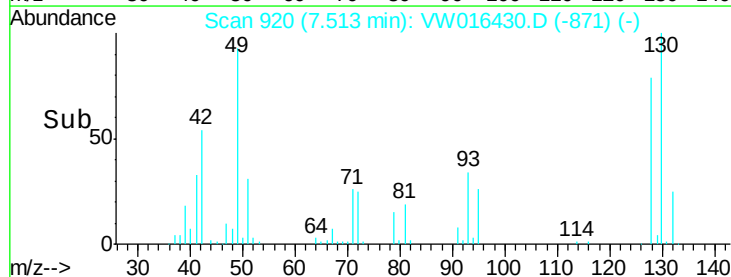
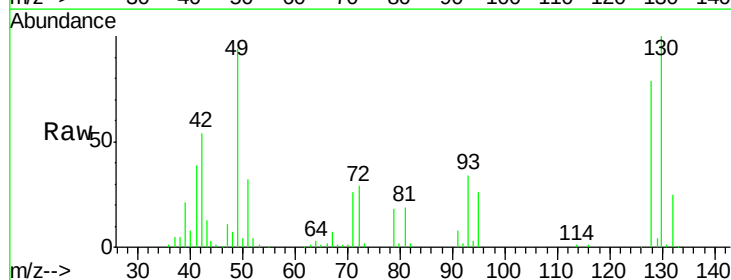
MMDadoda
9/2/2020 2:22:29 PM

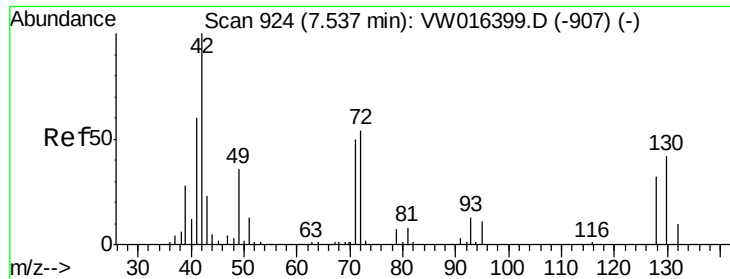


#28

Bromochloromethane
Concen: 48.904 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	49576		
129	1.1	0.0	1.8	
130	102.6	80.8	121.2	





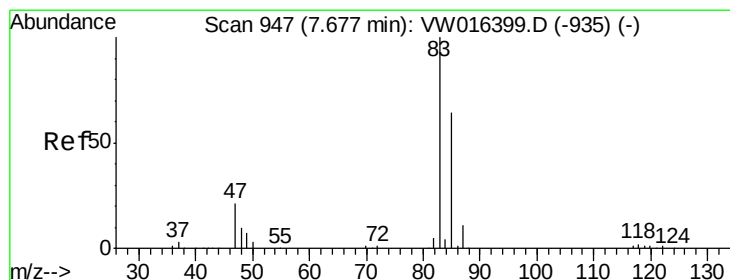
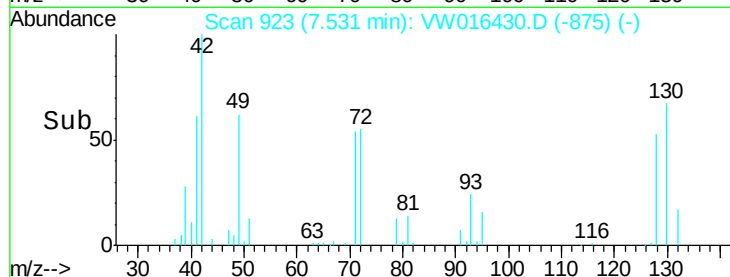
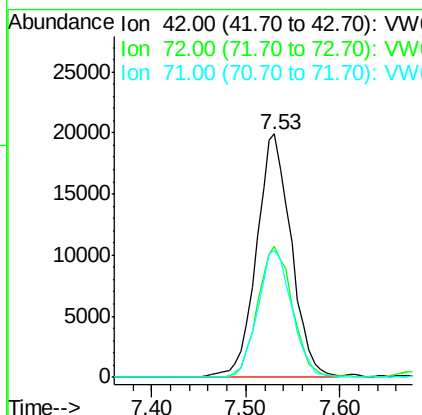
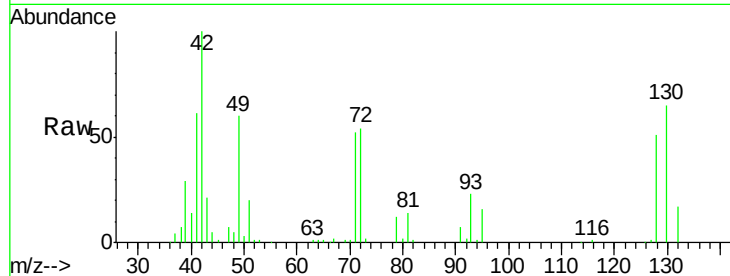
#29
Tetrahydrofuran
Concen: 226.774 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.1	42.3	63.5
71	51.6	39.5	59.3

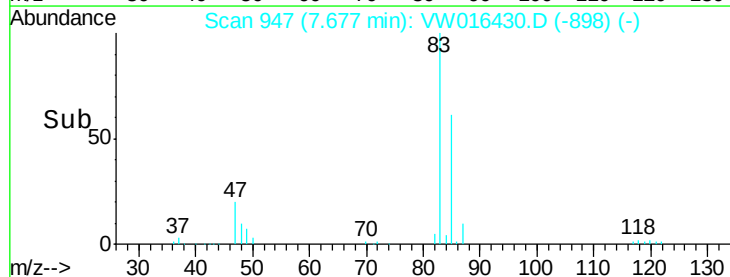
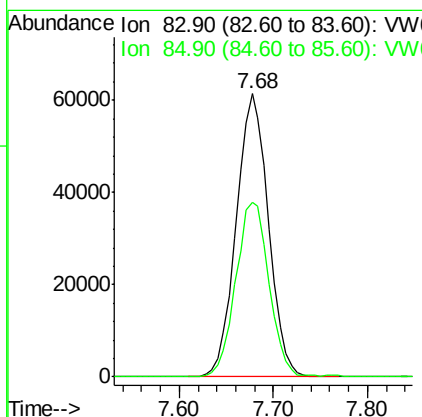
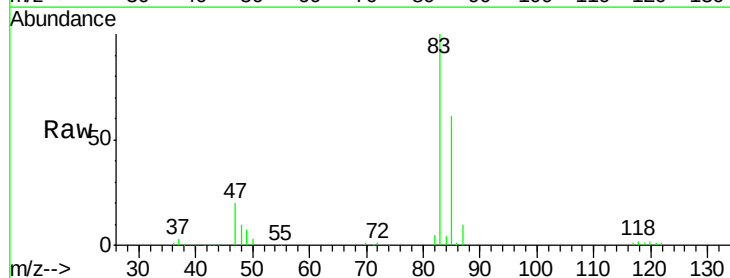
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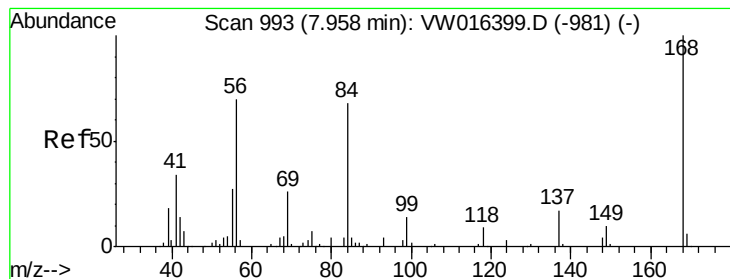
MMDadoda
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#30
Chloroform
Concen: 47.239 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.6	77.4





#31

Cyclohexane

Concen: 44.117 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

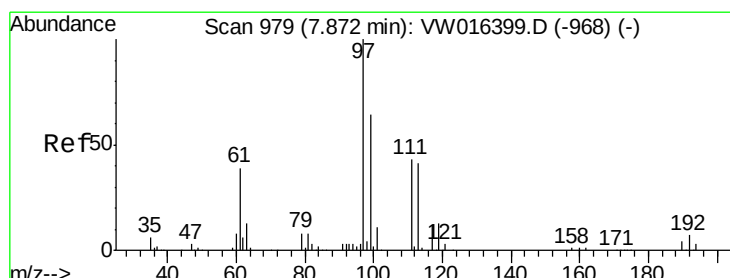
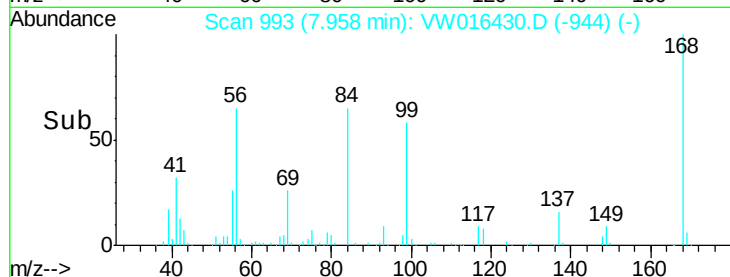
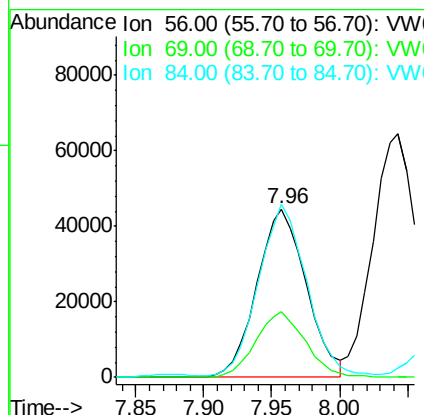
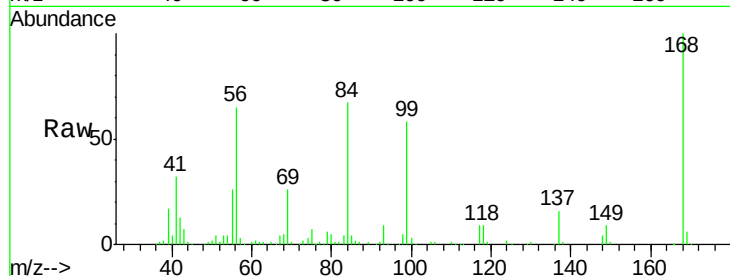
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	112843
Ion Ratio	Lower	Upper	
56	100		
69	39.3	30.0	45.0
84	102.0	77.4	116.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.080 ug/l

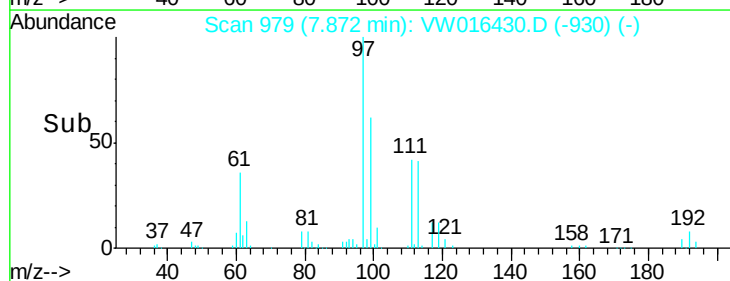
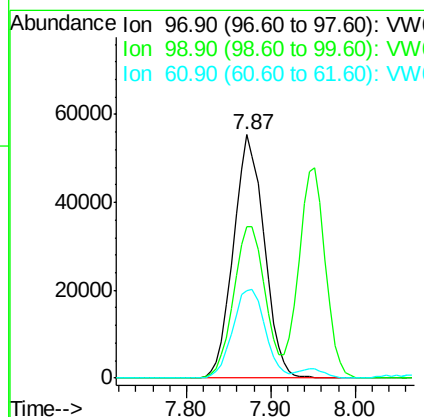
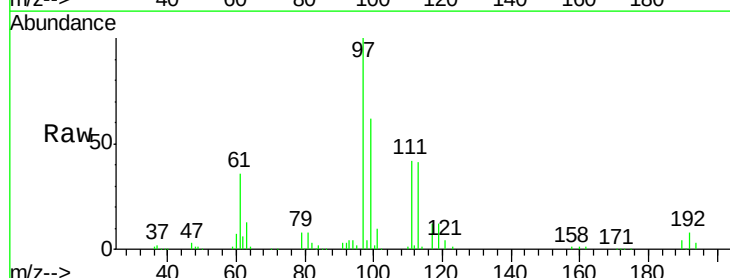
RT: 7.87 min Scan# 979

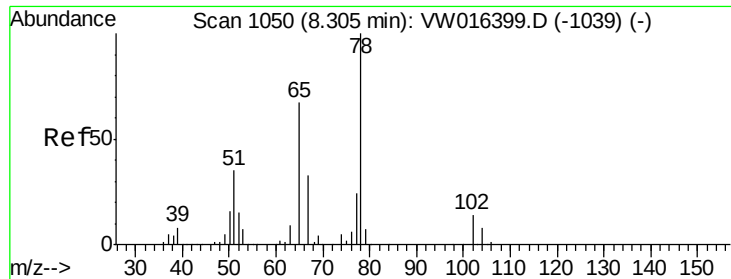
Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Tgt Ion:	97	Resp:	137031
Ion Ratio	Lower	Upper	
97	100		
99	63.3	52.0	78.0
61	38.5	31.0	46.6





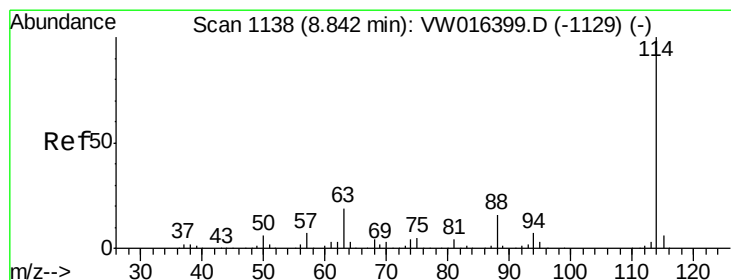
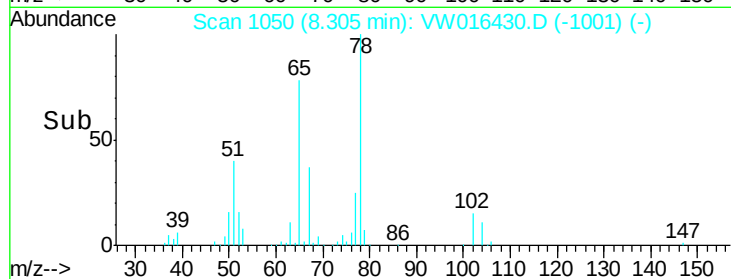
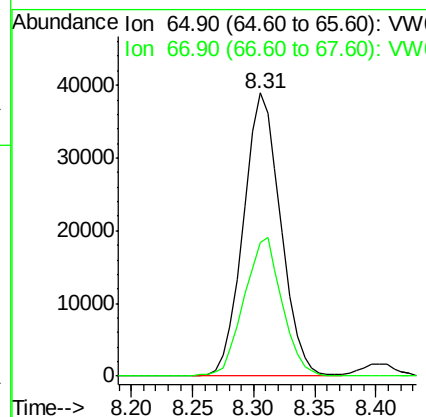
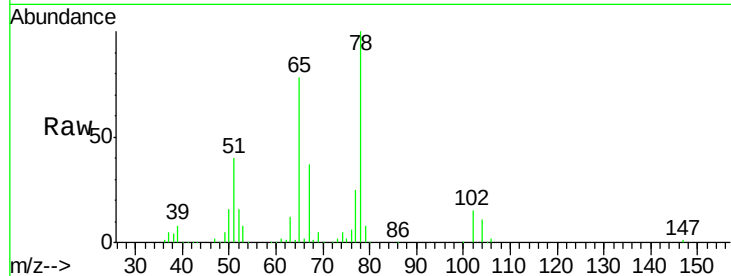
#33
 1,2-Dichloroethane-d4
 Concen: 50.234 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	82667		
67	49.7	0.0	100.2	

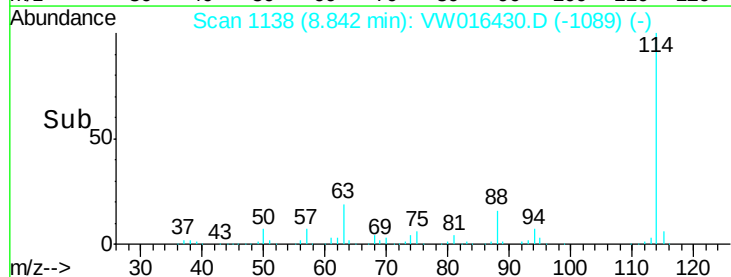
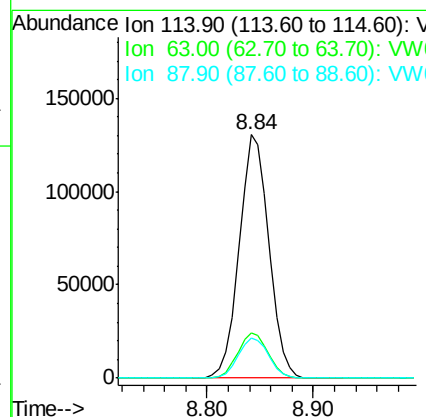
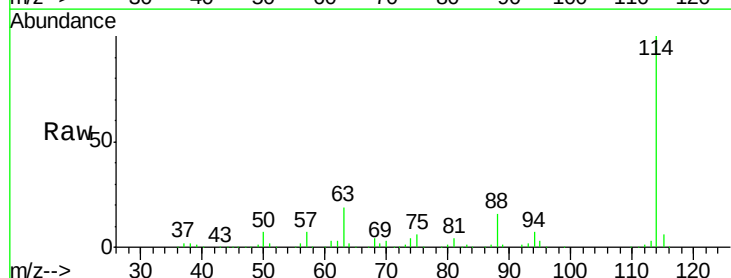
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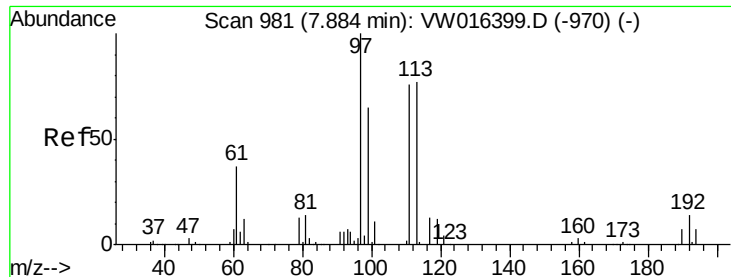
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	254741		
63	18.8	0.0	37.8	
88	16.4	0.0	31.2	





#35

Dibromofluoromethane

Concen: 50.875 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

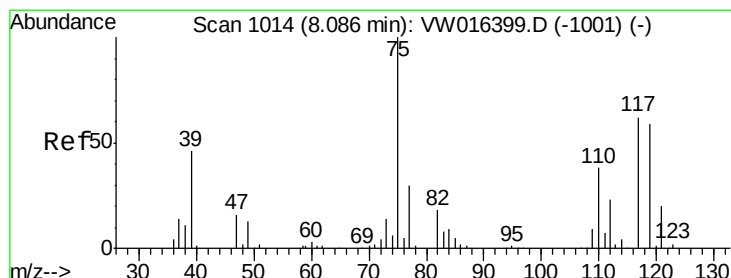
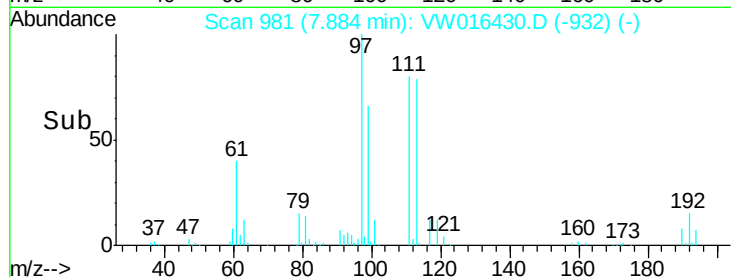
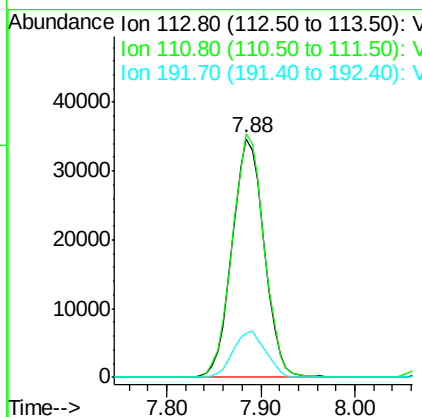
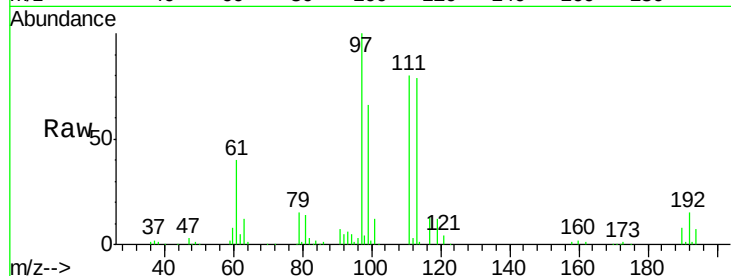
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	82034
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.1	123.1
192	19.7	15.5	23.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.085 ug/l

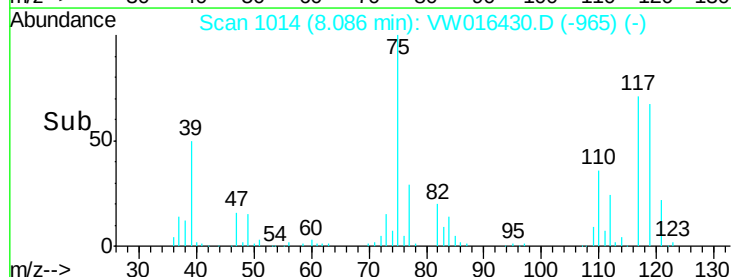
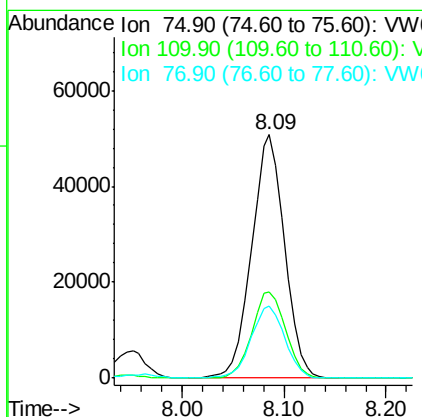
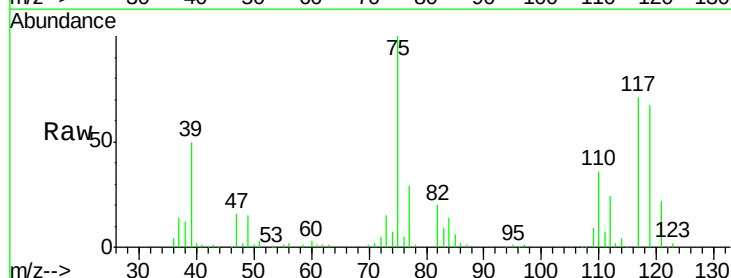
RT: 8.09 min Scan# 1014

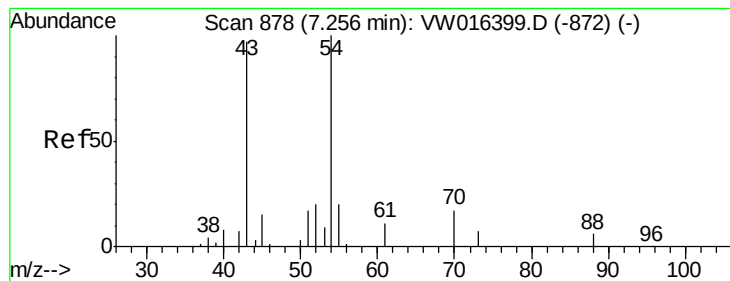
Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Tgt Ion:	75	Resp:	114149
Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.6	56.0
77	30.5	25.1	37.7





#37

Ethyl Acetate

Concen: 44.371 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

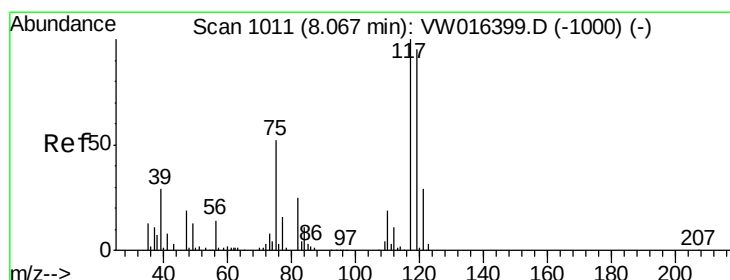
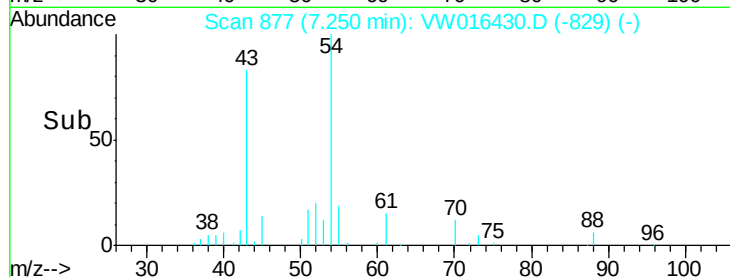
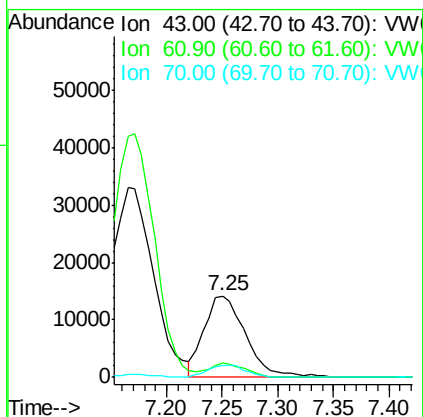
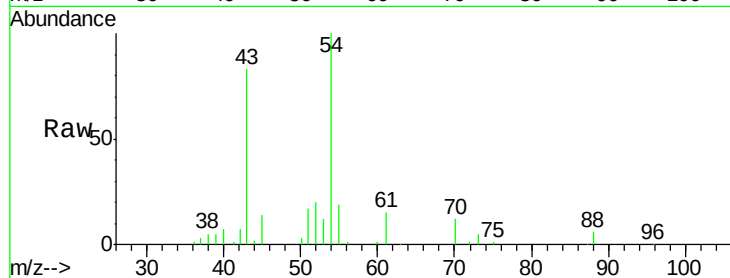
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	36441
Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.5	17.3
70	14.3	10.7	16.1

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.218 ug/l

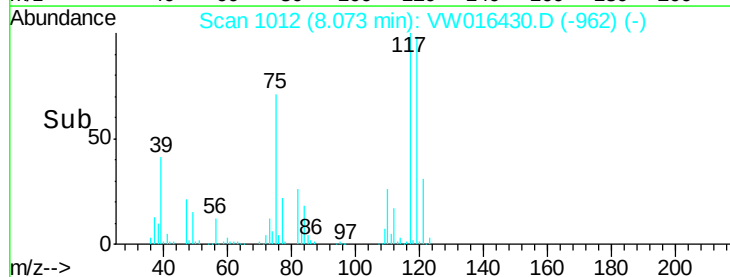
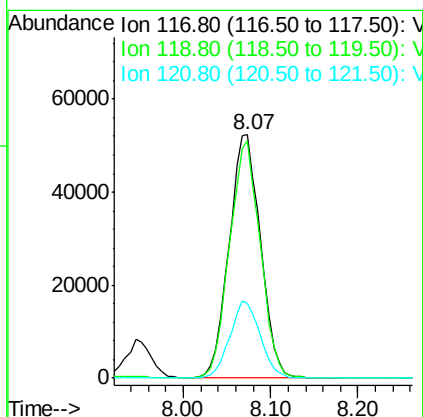
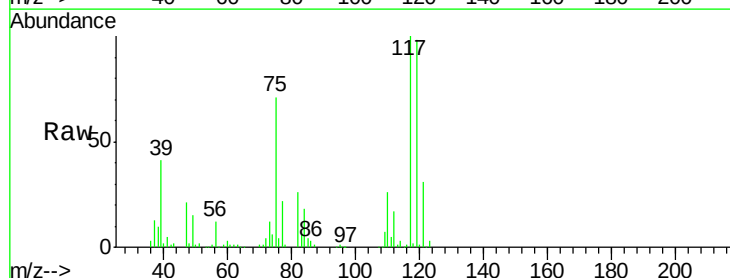
RT: 8.07 min Scan# 1012

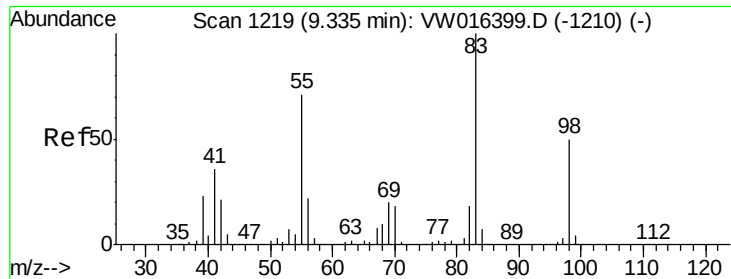
Delta R.T. 0.01 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Tgt Ion:	117	Resp:	130746
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.3	114.5
121	30.8	23.0	34.6





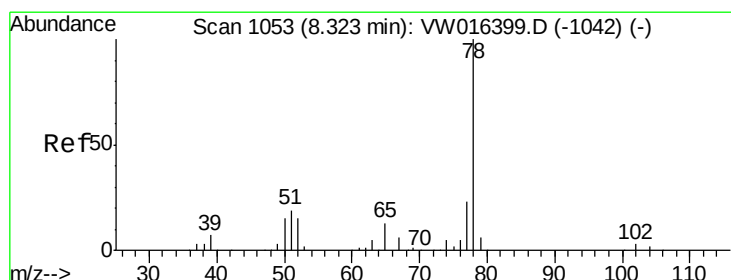
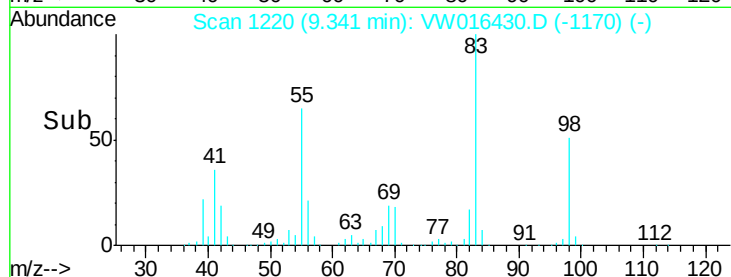
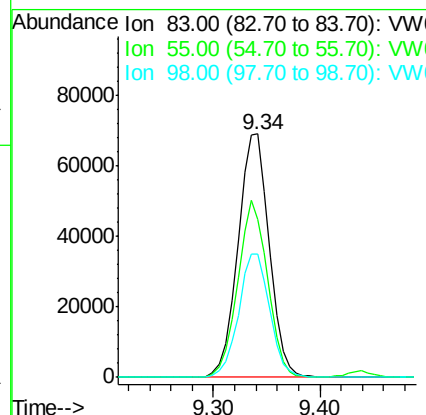
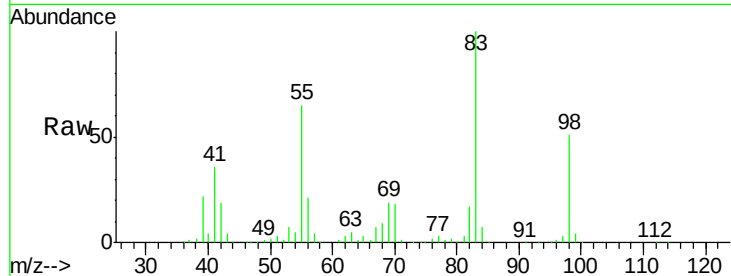
#39
Methylvlcyclohexane
Concen: 48.485 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	142323		
55	65.0		57.0	85.6
98	50.8		39.9	59.9

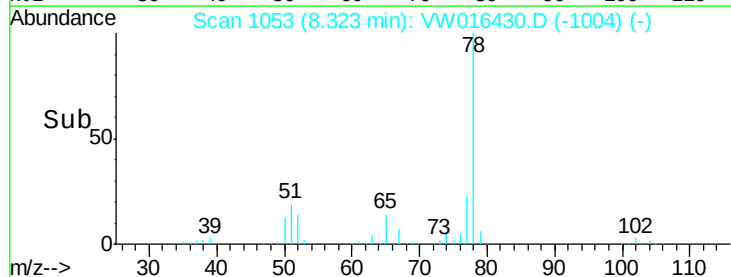
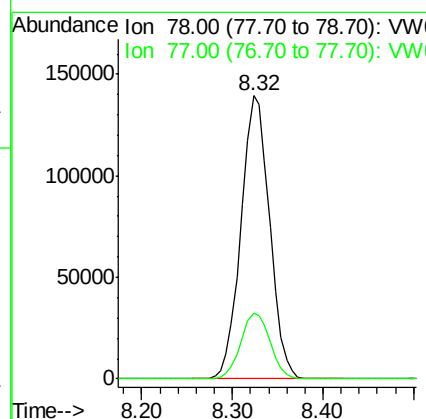
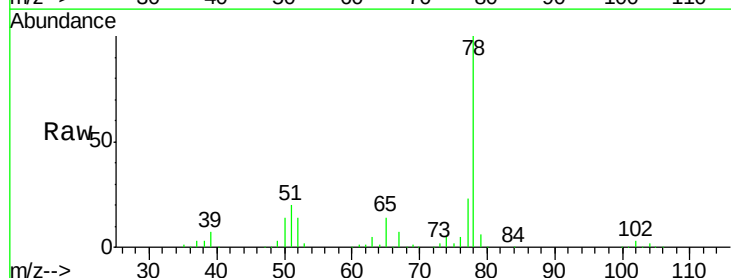
Manual Integrations
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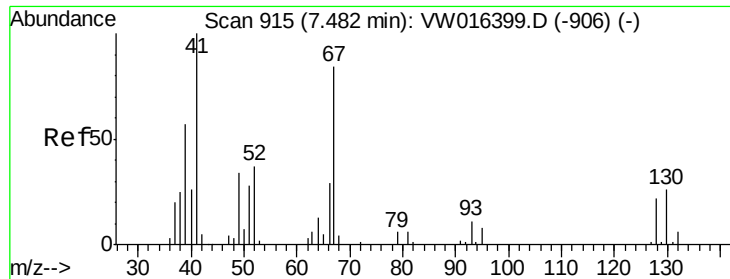
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#40
Benzene
Concen: 47.019 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	305173		
77	23.2		18.6	27.8





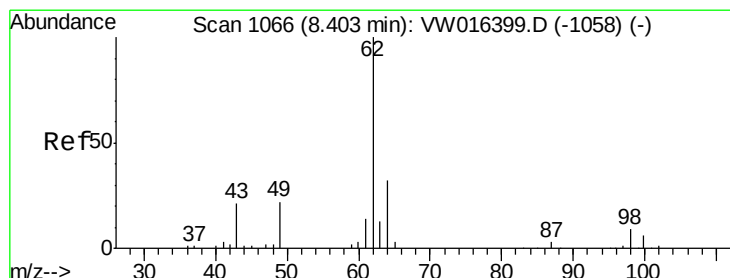
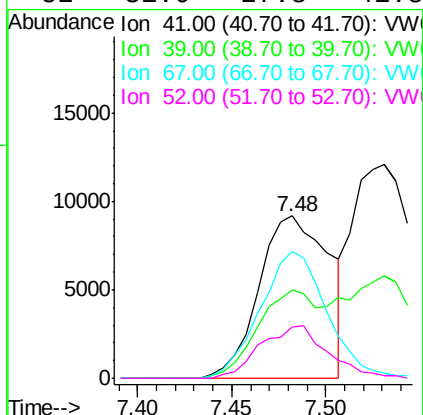
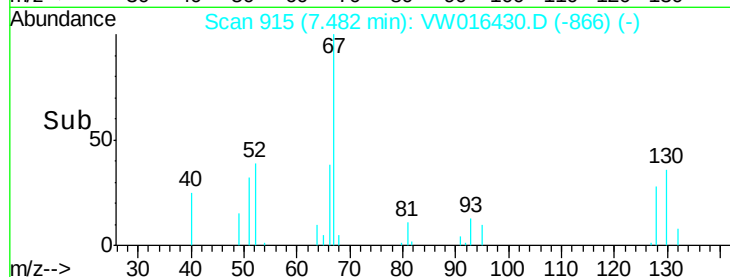
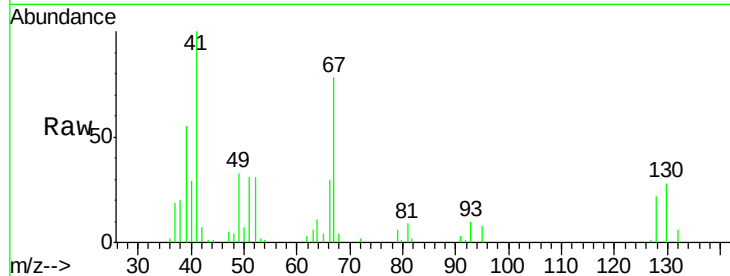
#41
Methacrylonitrile
Concen: 50.280 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		23776		
39	43.5	45.4	68.2#		
67	74.1	65.8	98.6		
52	31.0	27.8	41.8		

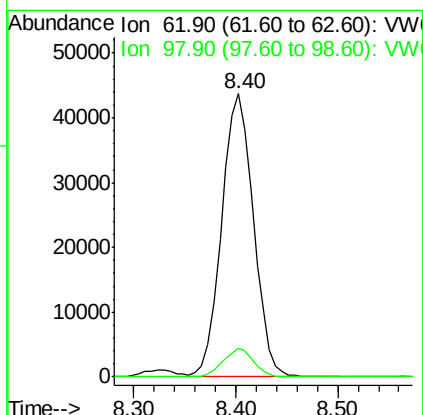
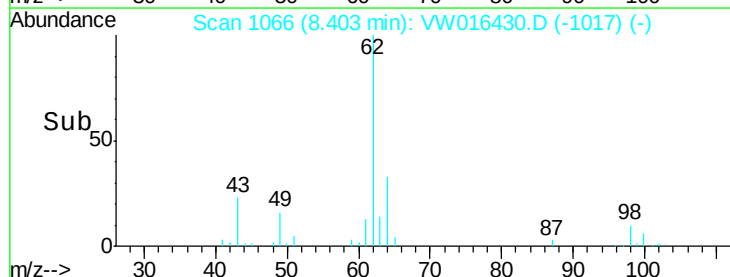
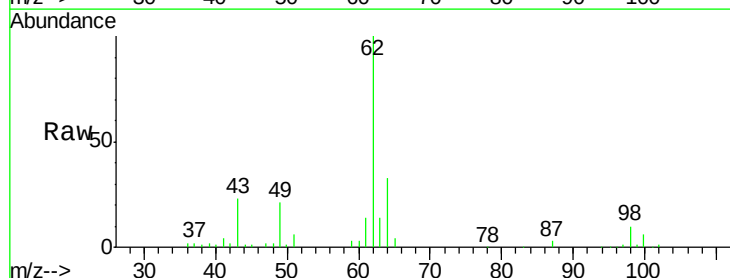
Manual Integrations
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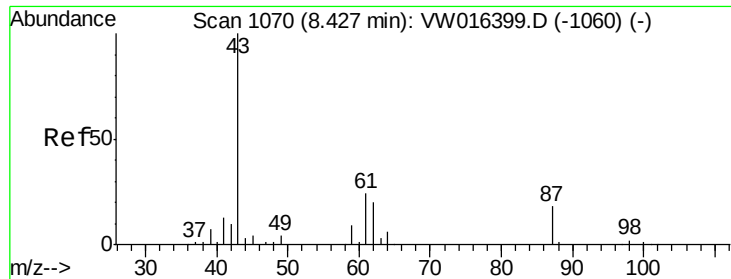
MMDadoda
9/2/2020 2:22:29 PM



#42
1,2-Dichloroethane
Concen: 47.639 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		94312		
98	9.8	0.0	19.8		





#43

Isopropyl Acetate

Concen: 45.573 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

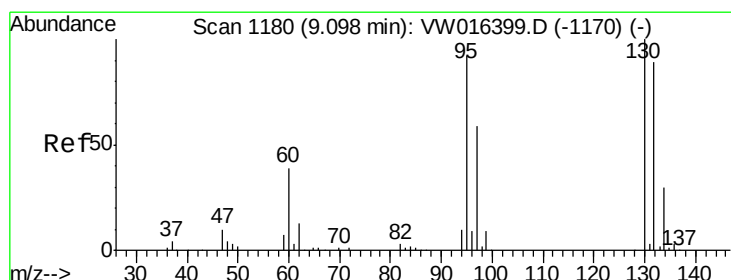
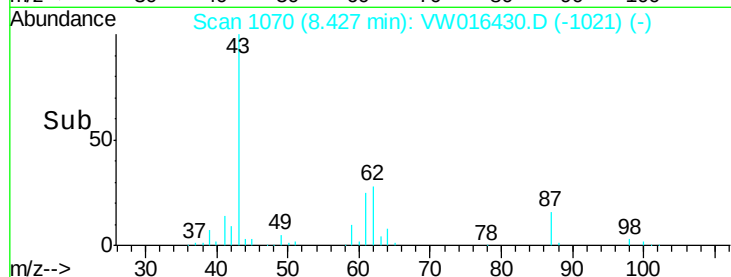
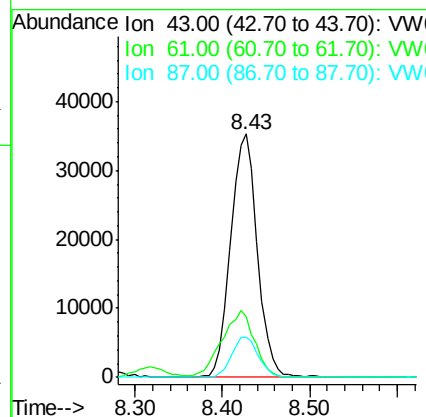
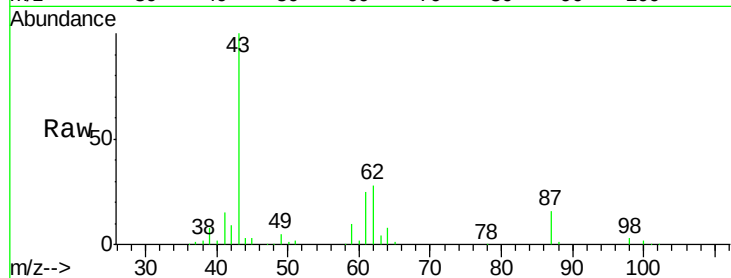
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	74692
Ion	Ratio	Lower	Upper
43	100		
61	33.8	27.5	41.3
87	16.4	13.5	20.3

Manual Integrations
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#44

Trichloroethene

Concen: 47.081 ug/l

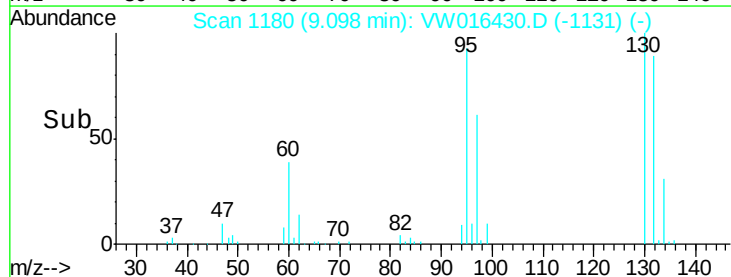
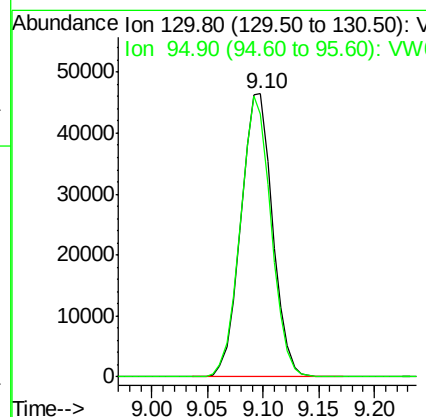
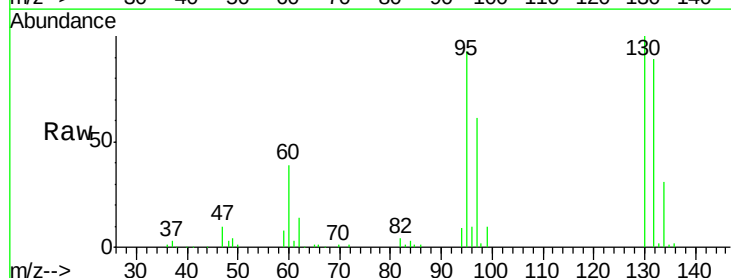
RT: 9.10 min Scan# 1180

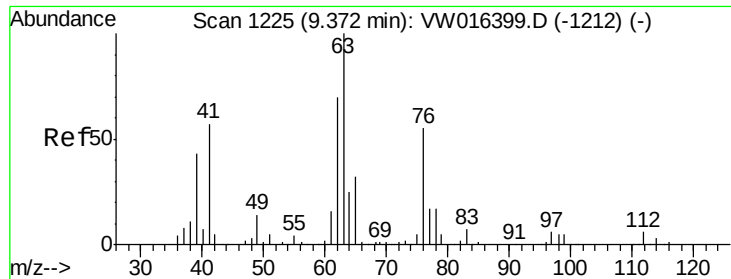
Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Tgt Ion:	130	Resp:	91432
Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	183.4





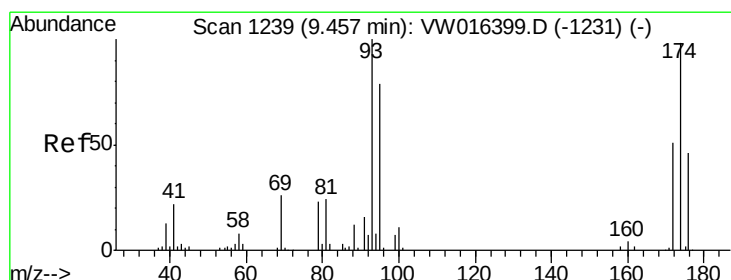
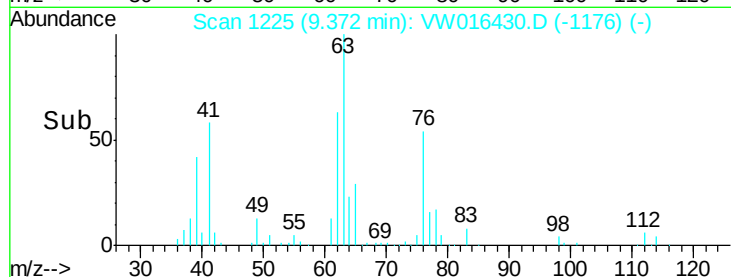
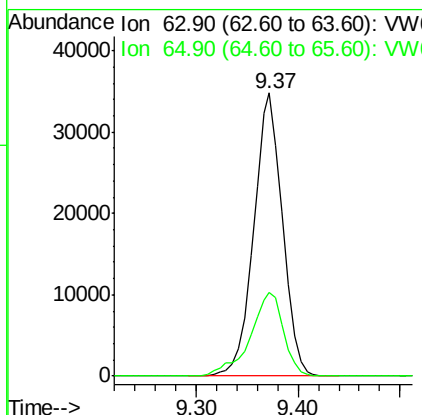
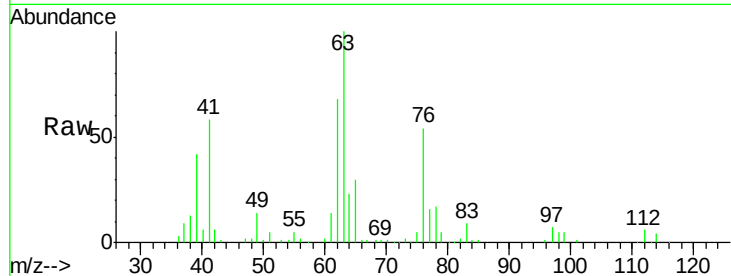
#45
 1,2-Dichloropropane
 Concen: 45.324 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 68244
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.4 38.0

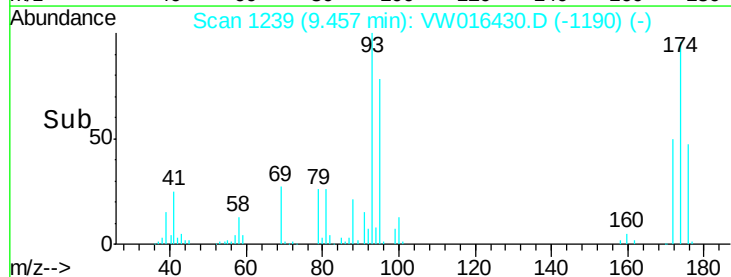
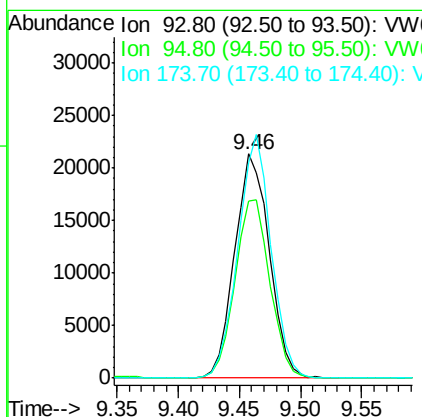
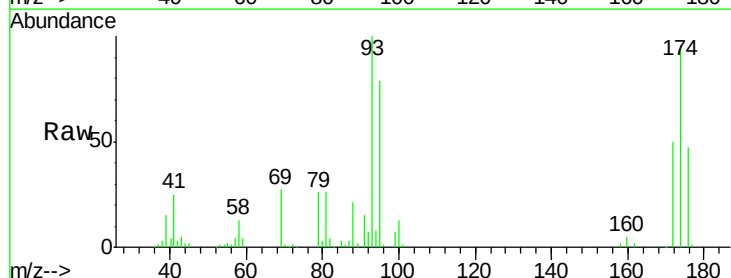
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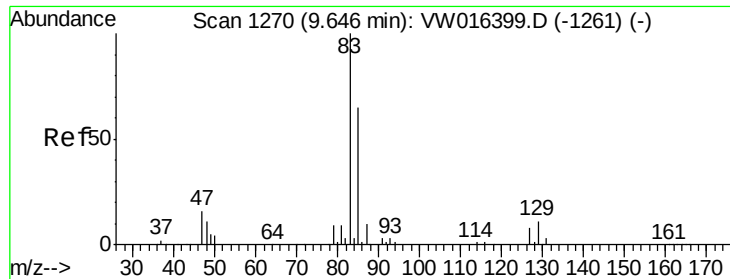
MMDadoda
 9/2/2020 2:22:29 PM



#46
 Dibromomethane
 Concen: 46.988 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Tgt Ion: 93 Resp: 42035
 Ion Ratio Lower Upper
 93 100
 95 80.0 65.3 97.9
 174 103.3 80.1 120.1





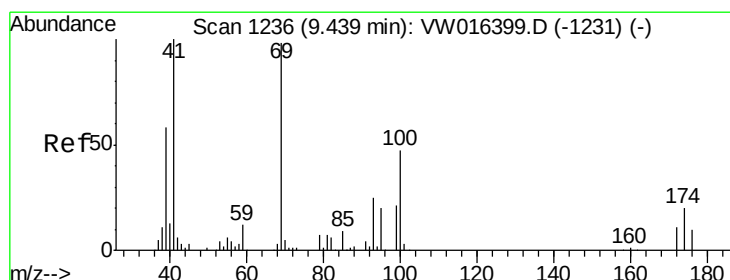
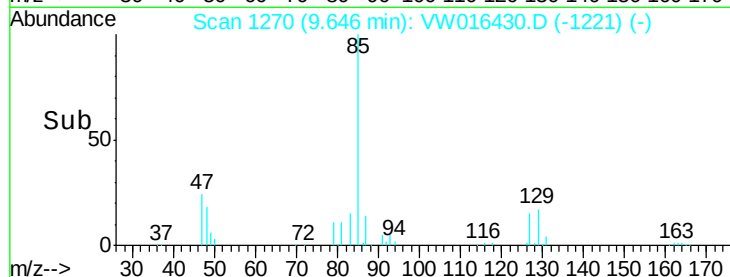
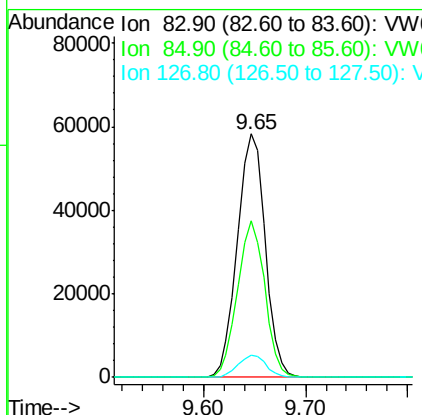
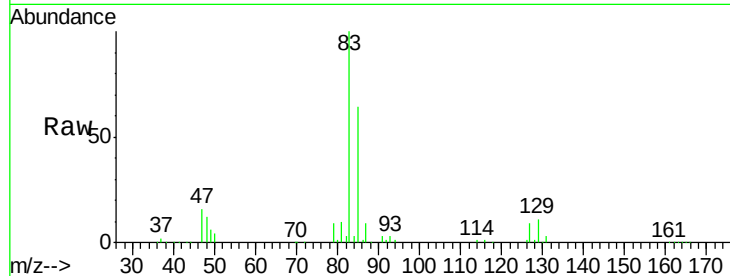
#47
Bromodichloromethane
Concen: 47.819 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	110329		
85	64.1	52.2	78.2	
127	9.3	6.8	10.2	

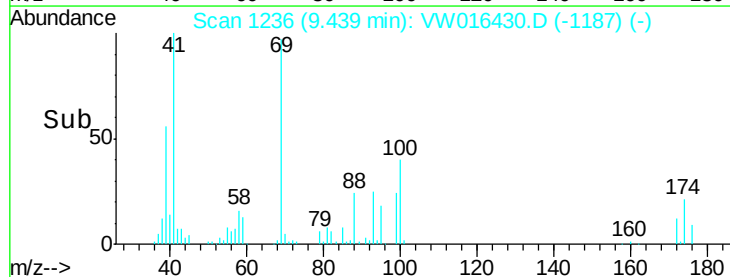
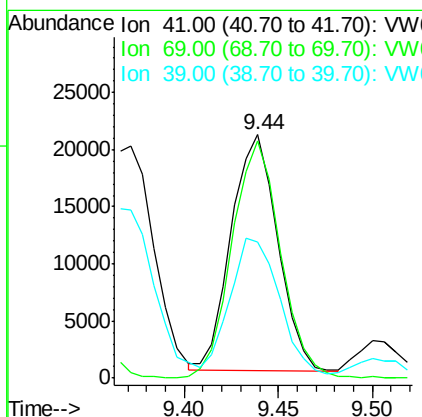
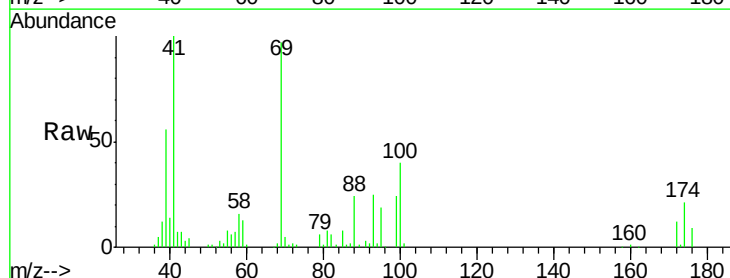
Manual Integrations
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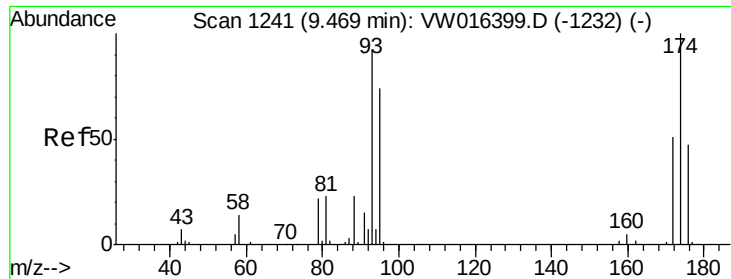
MMDadoda
9/2/2020 2:22:29 PM



#48
Methyl methacrylate
Concen: 45.168 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	35295		
69	104.8	83.5	125.3	
39	60.7	48.7	73.1	





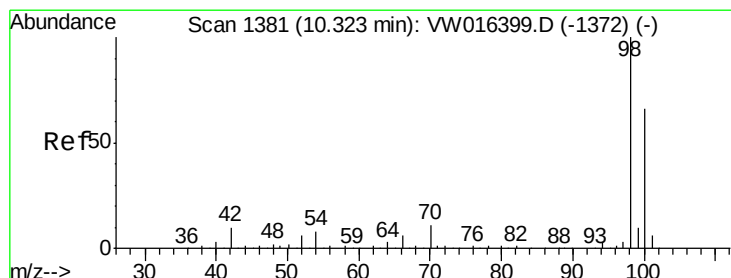
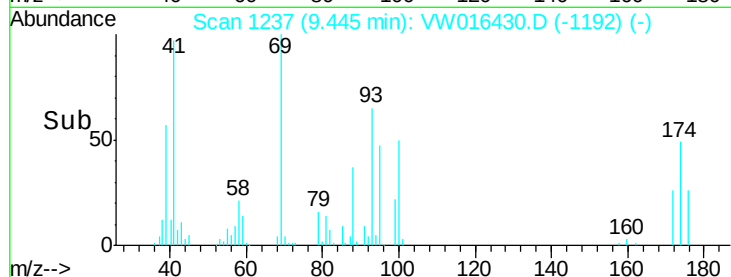
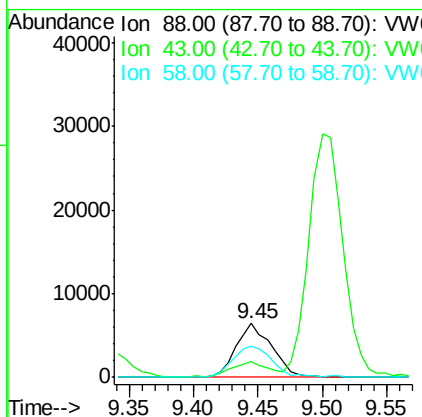
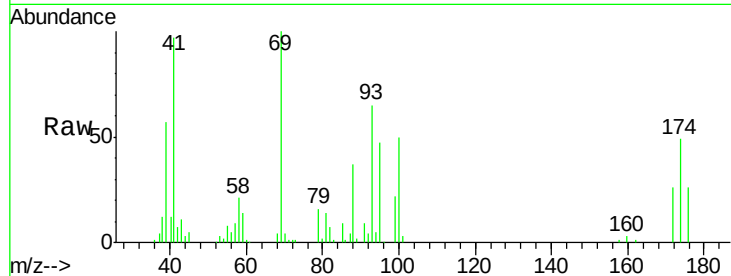
#49
1,4-Dioxane
Concen: 1023.331 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	12470
Ion	Ratio	Lower	Upper
88	100		
43	31.1	0.0	0.0#
58	64.9	53.5	80.3

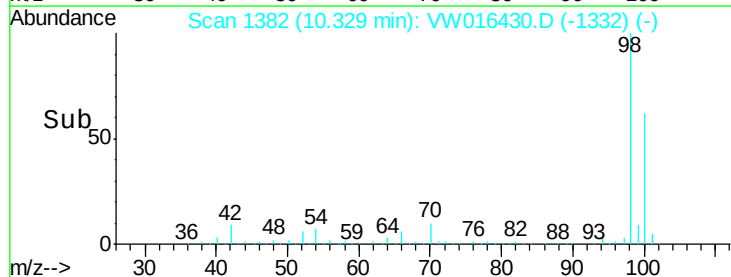
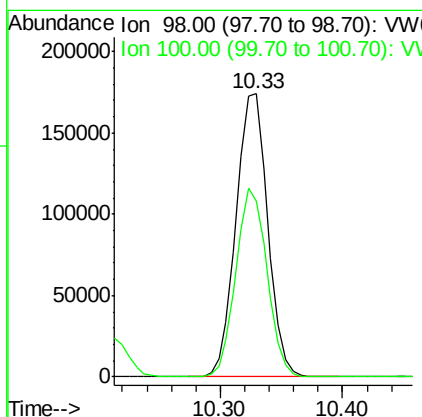
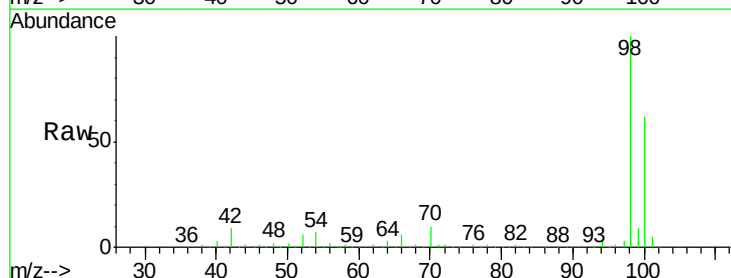
Manual Integrations
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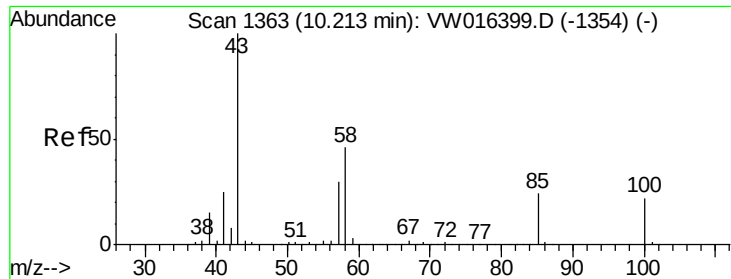
MMDadoda
9/2/2020 2:22:29 PM



#50
Toluene-d8
Concen: 51.787 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	98	Resp	312691
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 230.612 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 186890

Ion Ratio Lower Upper

43 100

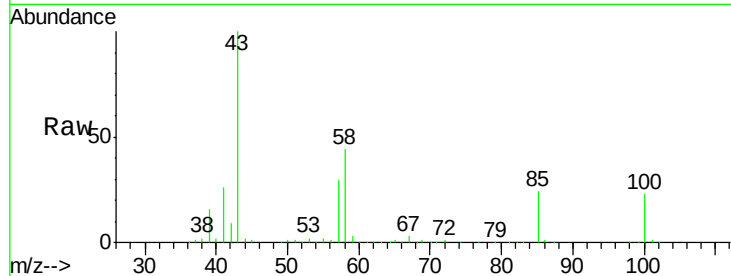
58 43.7 35.4 53.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

100000

80000

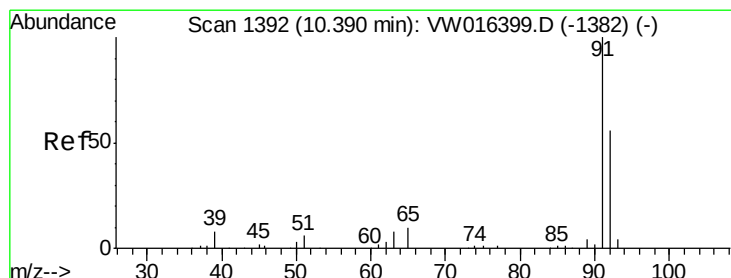
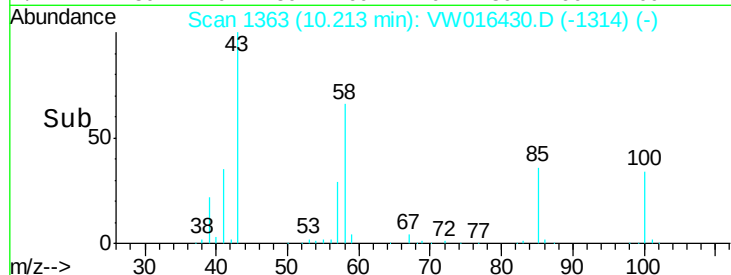
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 47.840 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016430.D

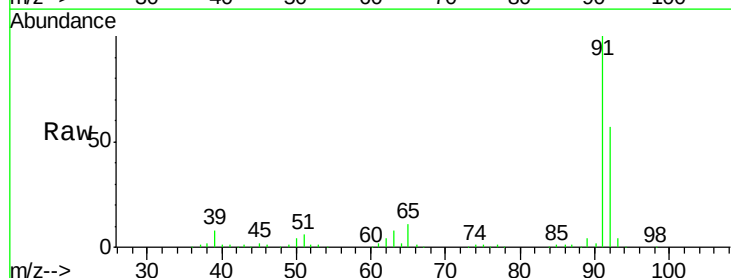
Acq: 01 Sep 2020 12:35

Tgt Ion: 92 Resp: 208182

Ion Ratio Lower Upper

92 100

91 168.2 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

200000

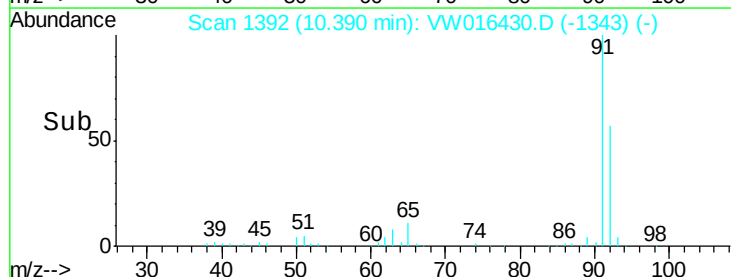
150000

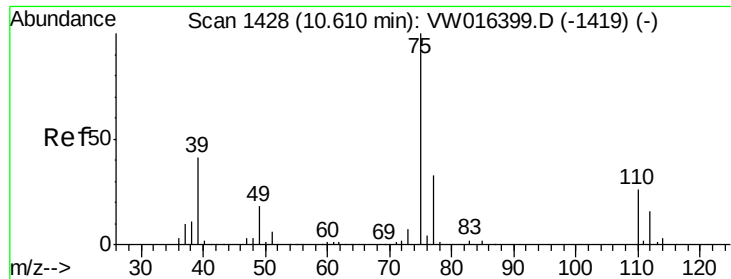
100000

50000

0

Time-->





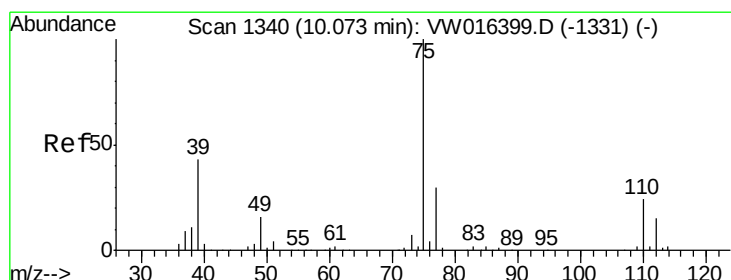
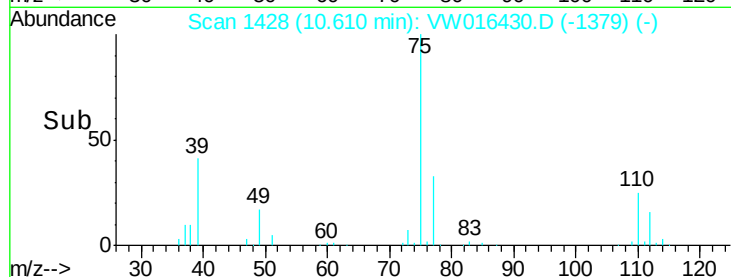
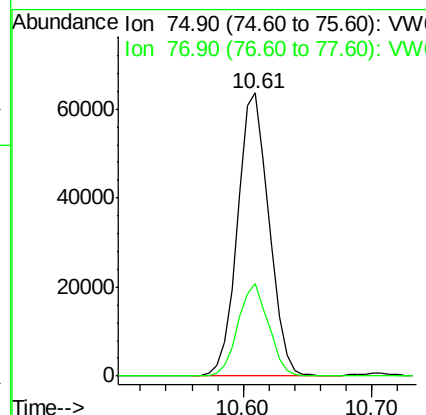
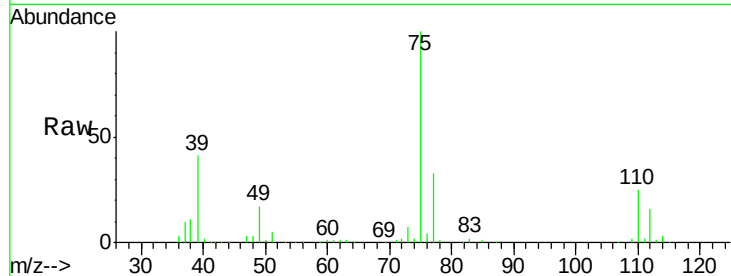
#53
t-1,3-Dichloropropene
Concen: 47.963 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 107620
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1

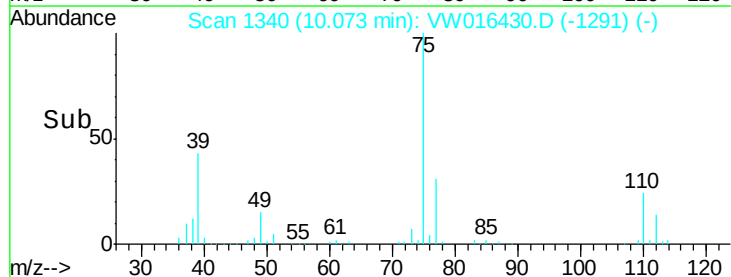
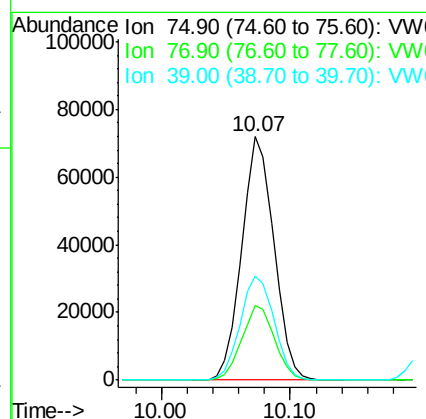
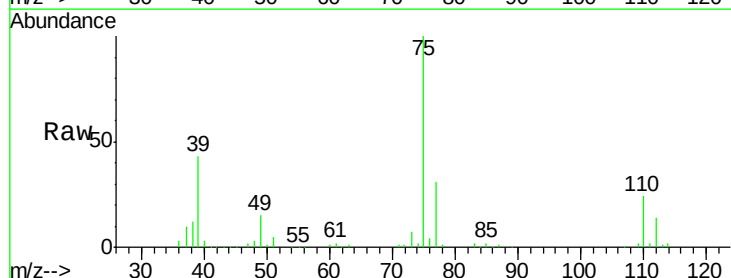
Manual Integrations
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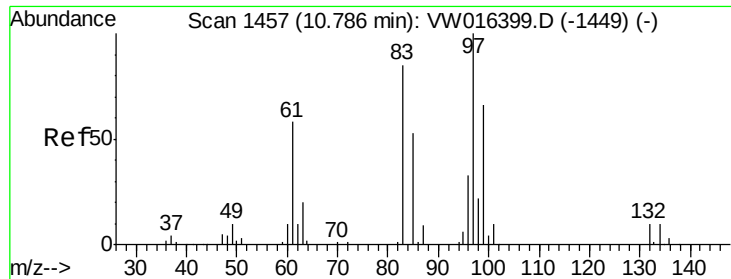
MMDadoda
9/2/2020 2:22:29 PM



#54
cis-1,3-Dichloropropene
Concen: 47.596 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion: 75 Resp: 124439
Ion Ratio Lower Upper
75 100
77 30.5 24.4 36.6
39 42.6 34.6 51.8





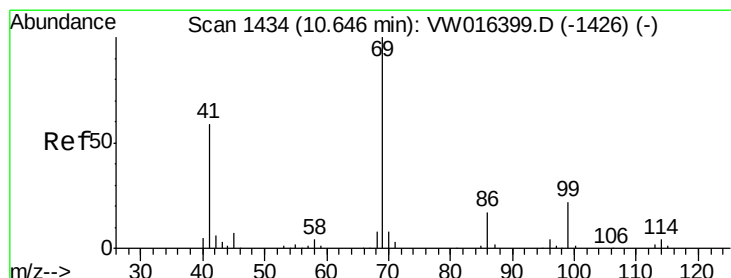
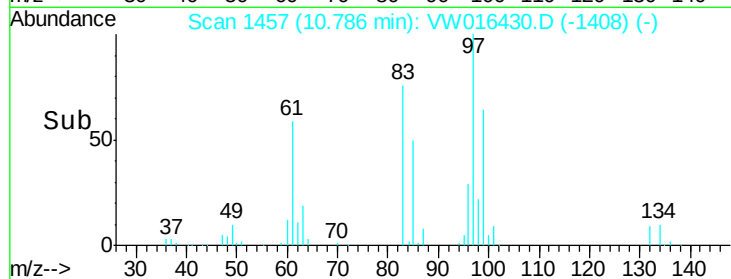
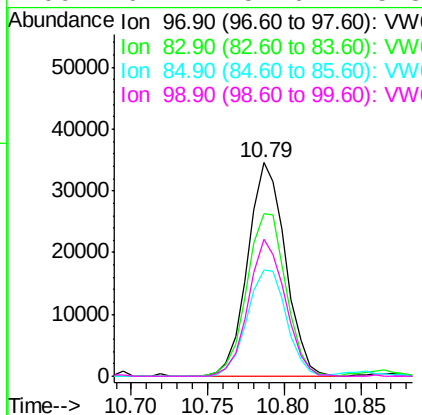
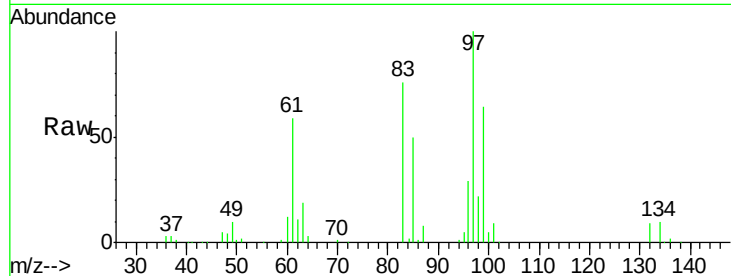
#55
 1,1,2-Trichloroethane
 Concen: 46.469 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	59271
Ion	Ratio	Lower	Upper
97	100		
83	76.0	68.0	102.0
85	49.6	42.2	63.2
99	64.4	52.6	78.8

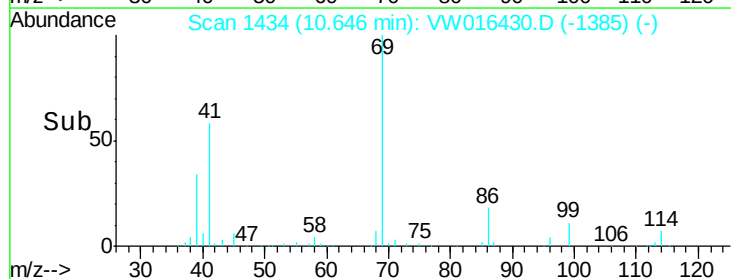
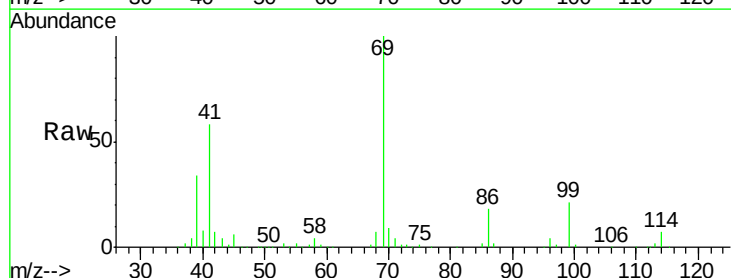
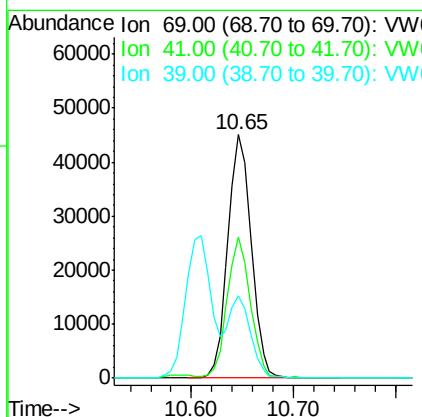
Manual Integrations
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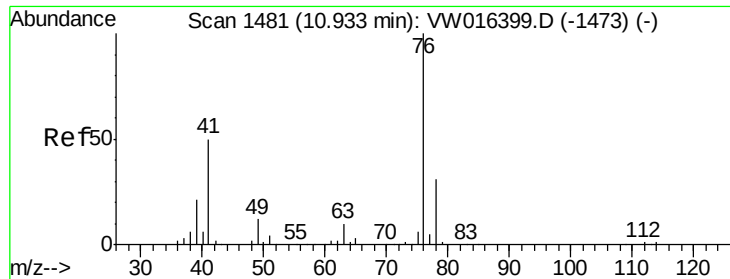
MMDadoda
 9/2/2020 2:22:29 PM



#56
 Ethyl methacrylate
 Concen: 48.117 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Tgt Ion:	69	Resp:	71719
Ion	Ratio	Lower	Upper
69	100		
41	56.8	46.5	69.7
39	32.8	26.2	39.2





#57

1,3-Dichloropropane

Concen: 45.929 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 97339

Ion Ratio Lower Upper

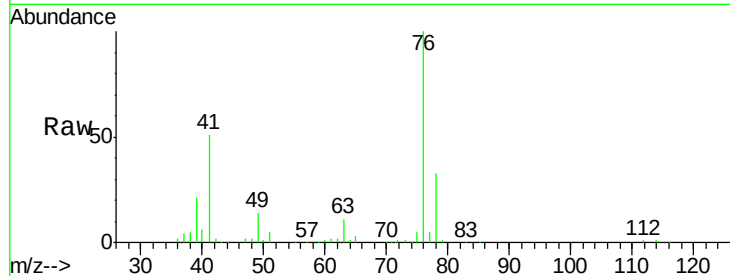
76 100

78 33.1 26.1 39.1

Manual Integrations
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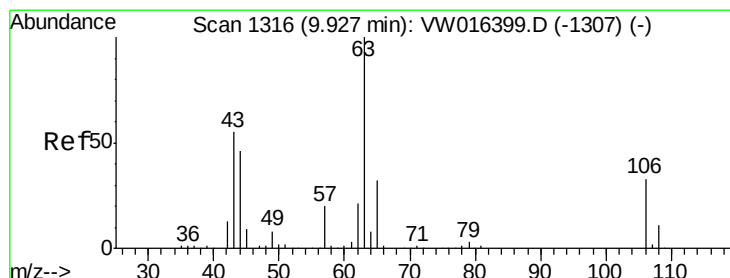
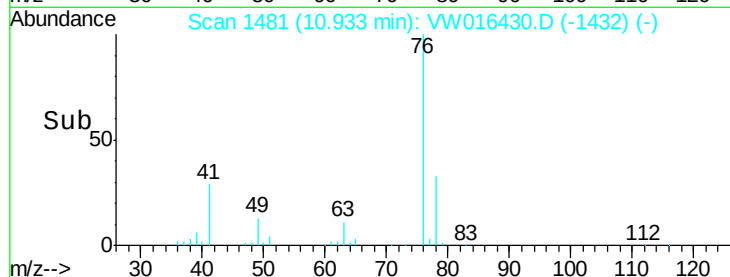
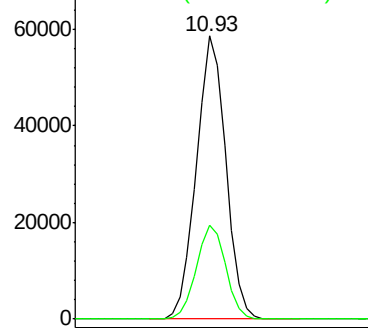
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 237.562 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW016430.D

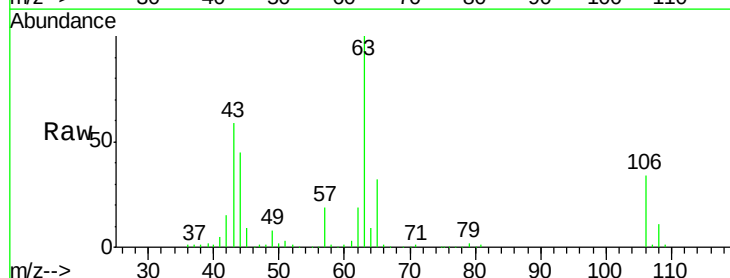
Acq: 01 Sep 2020 12:35

Tgt Ion: 63 Resp: 158991

Ion Ratio Lower Upper

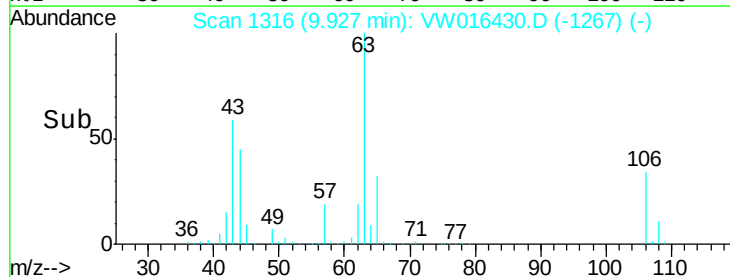
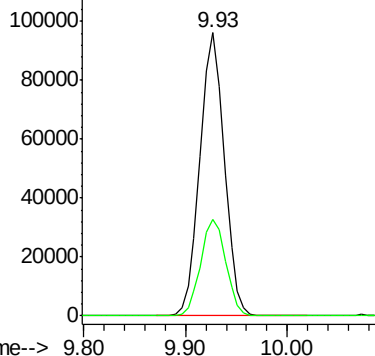
63 100

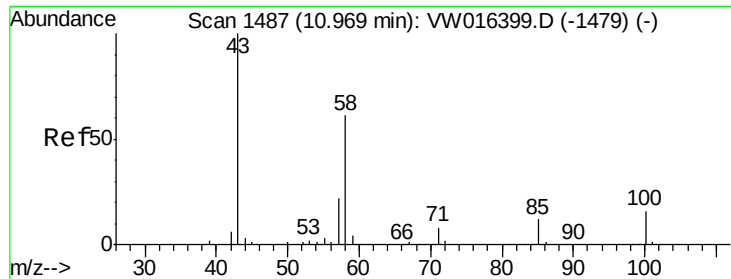
106 35.1 26.6 40.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





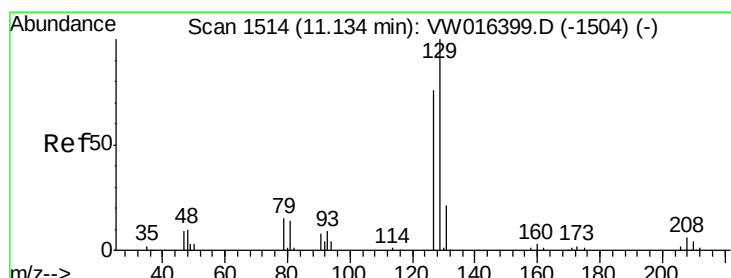
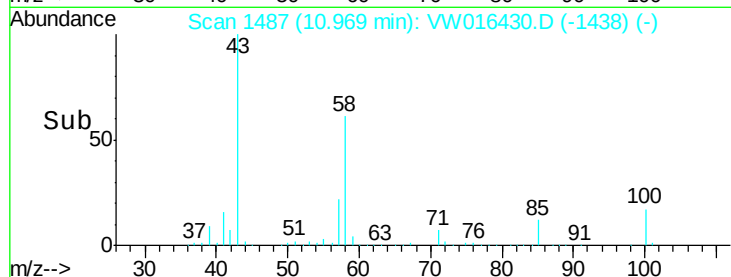
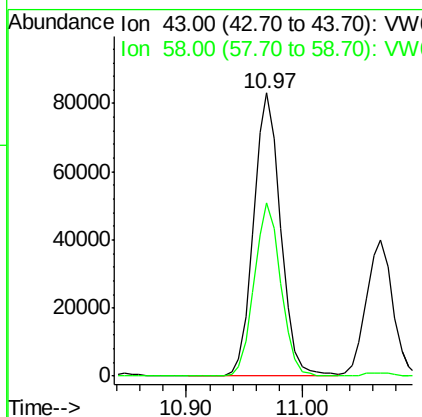
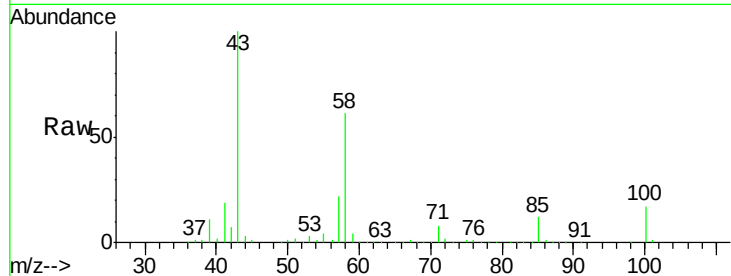
#59
2-Hexanone
Concen: 243.959 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 134883
Ion Ratio Lower Upper
43 100
58 60.2 29.7 89.1

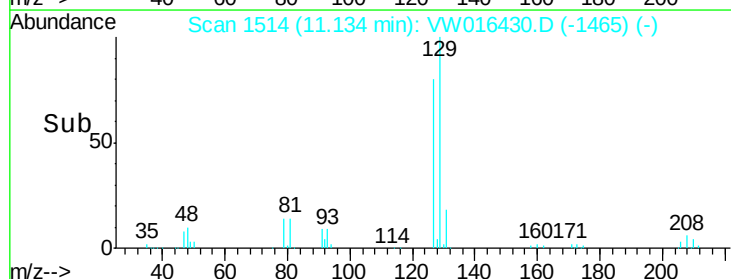
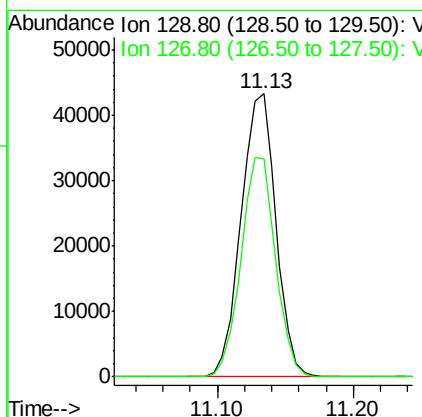
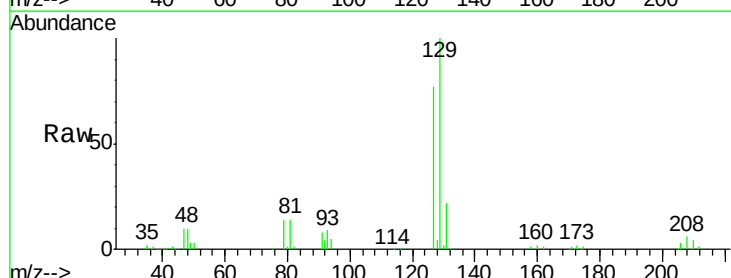
Manual Integrations
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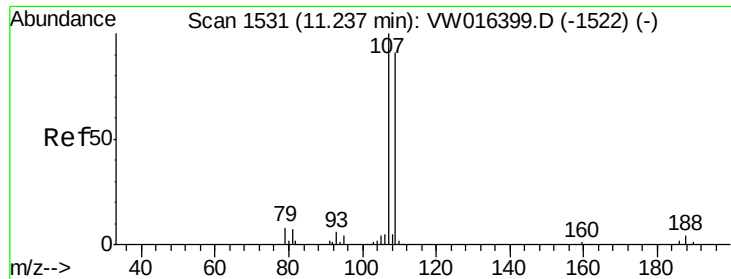
MMDadoda
9/2/2020 2:22:29 PM



#60
Dibromochloromethane
Concen: 48.074 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion: 129 Resp: 77532
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7





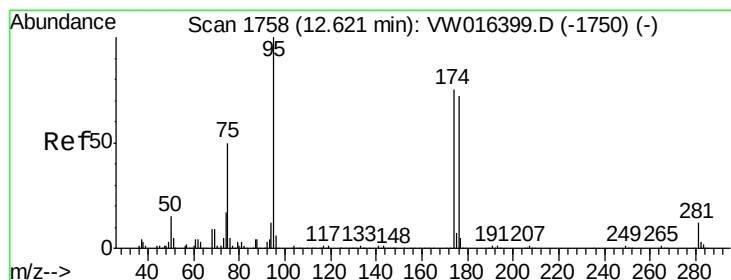
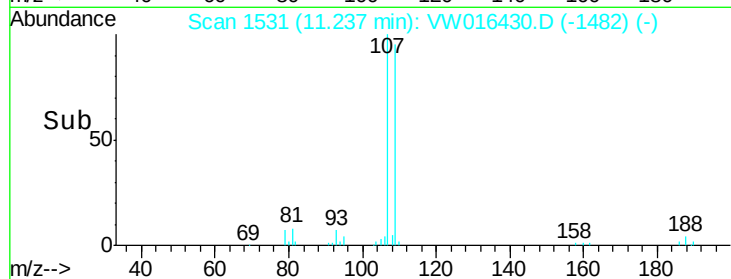
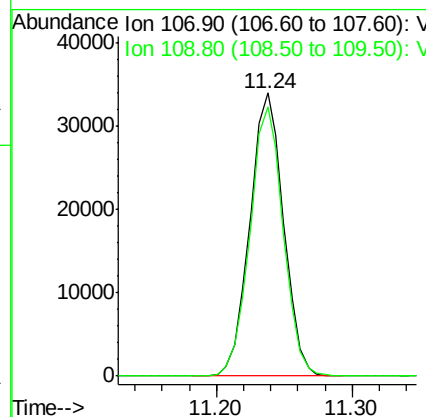
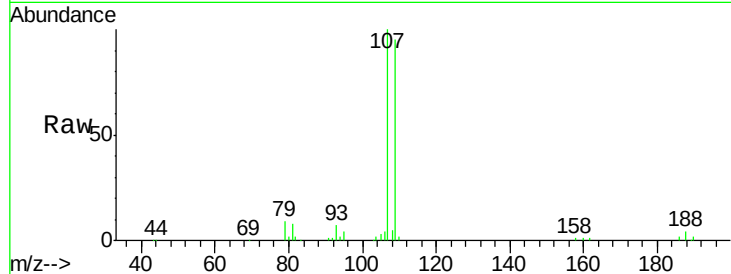
#61
 1,2-Dibromoethane
 Concen: 47.049 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	74.5	111.7

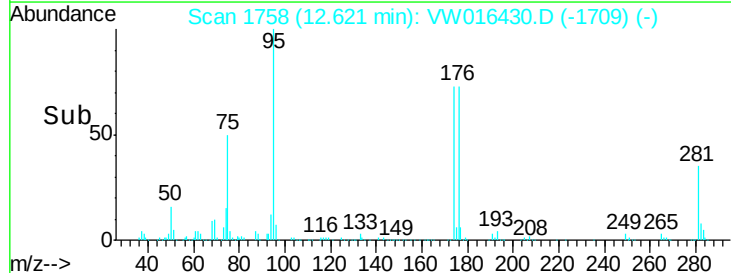
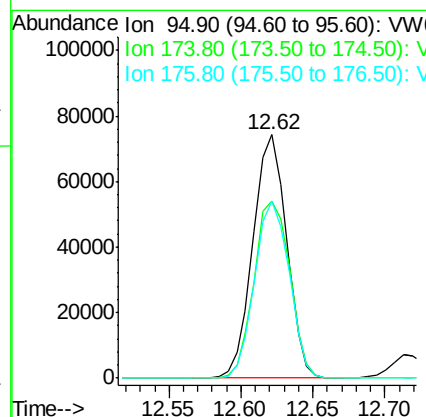
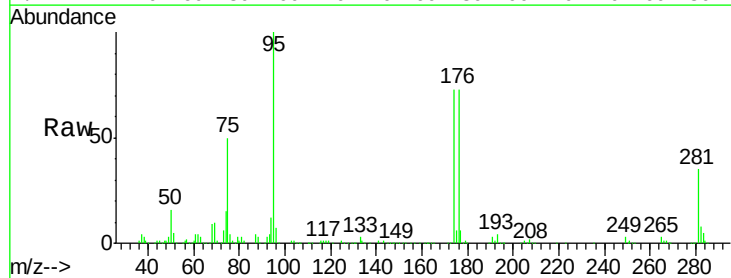
Manual Integrations
 APPROVED

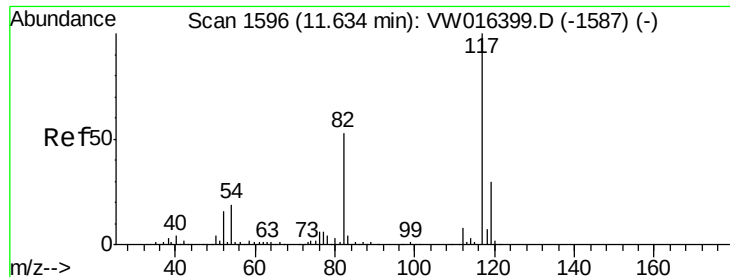
MMDadoda
 9/2/2020 2:22:29 PM



#62
 4-Bromofluorobenzene
 Concen: 53.127 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	152.0
176	74.2	0.0	145.6





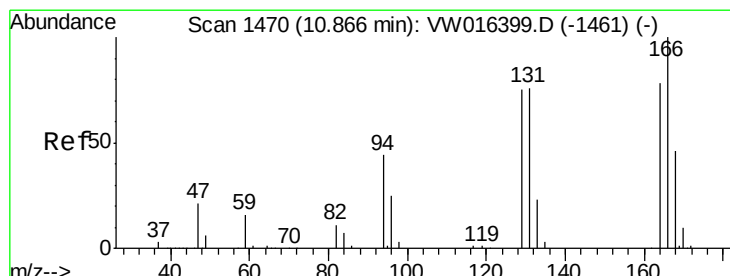
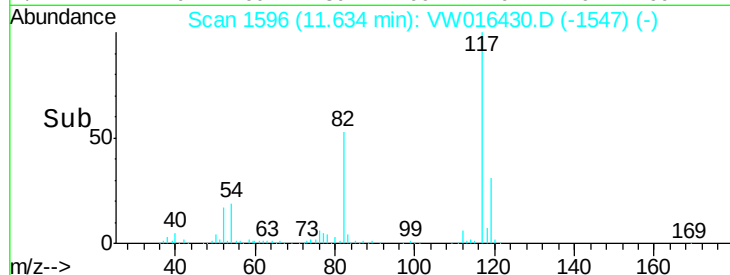
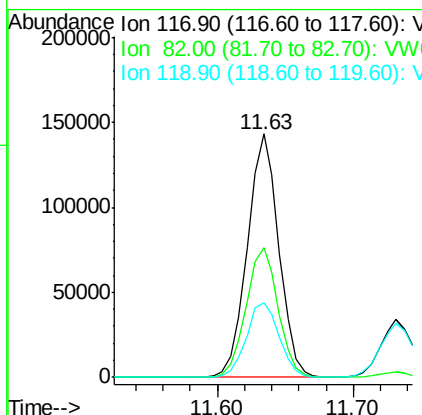
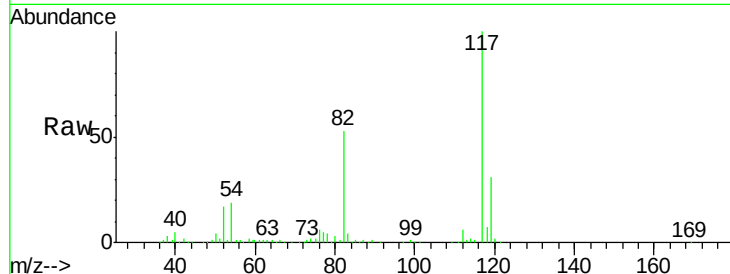
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	30.8	24.2	36.4

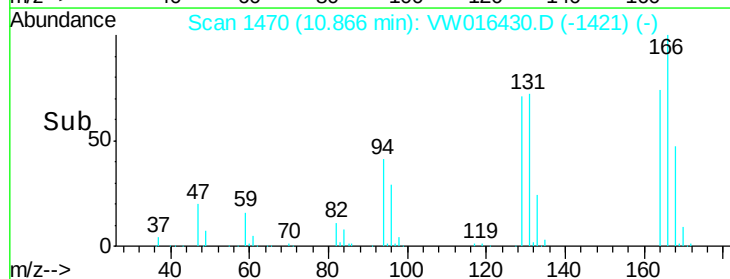
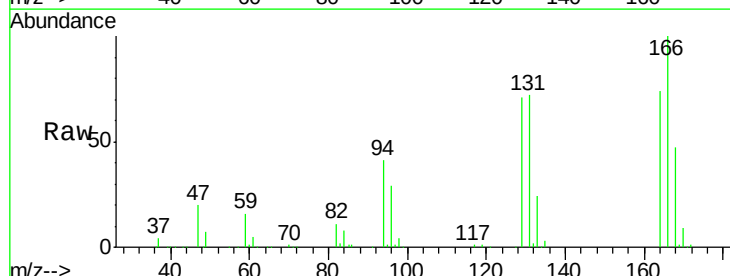
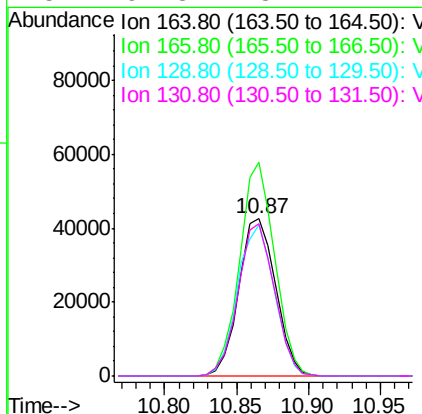
Manual Integrations
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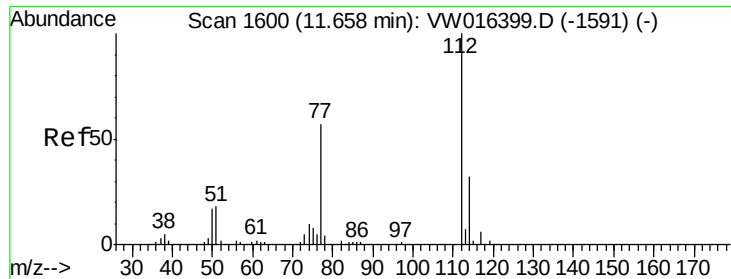
MMDadoda
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#64
Tetrachloroethene
Concen: 47.622 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.8	103.1	154.7
129	96.3	77.3	115.9
131	97.3	78.2	117.2





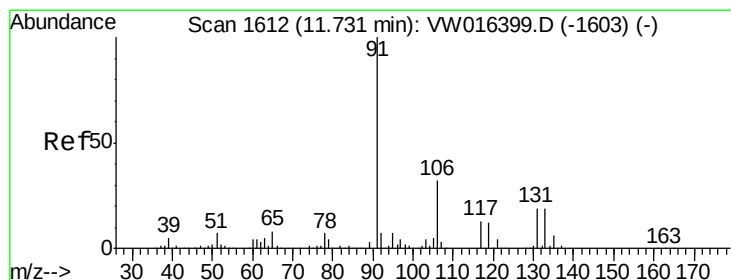
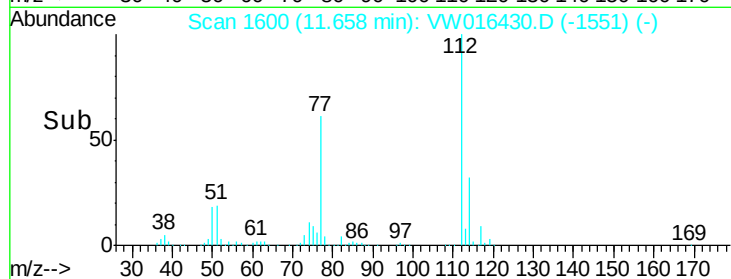
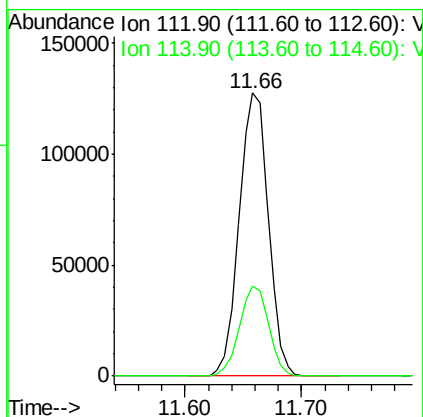
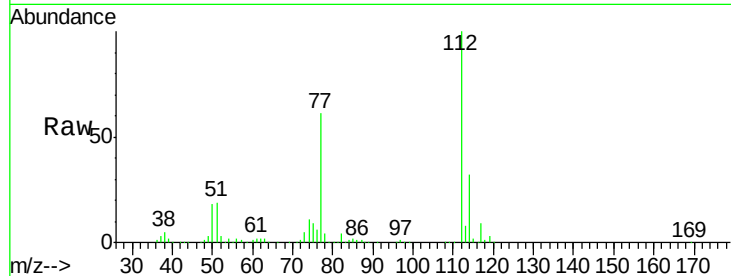
#65
Chlorobenzene
Concen: 47.014 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 223629
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

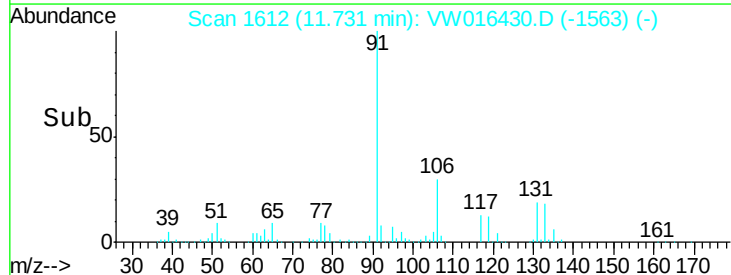
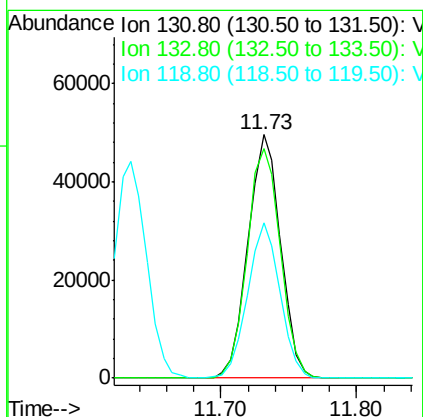
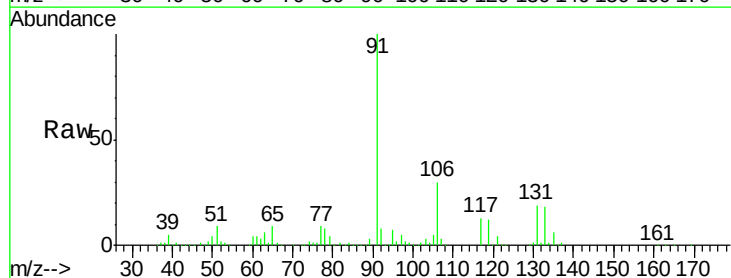
Manual Integrations
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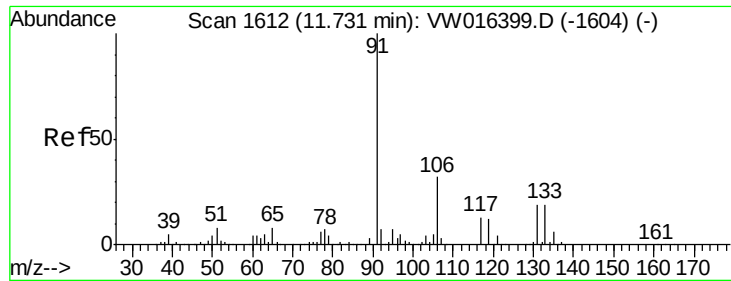
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.376 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion:131 Resp: 83442
Ion Ratio Lower Upper
131 100
133 96.3 46.9 140.6
119 63.5 31.6 95.0





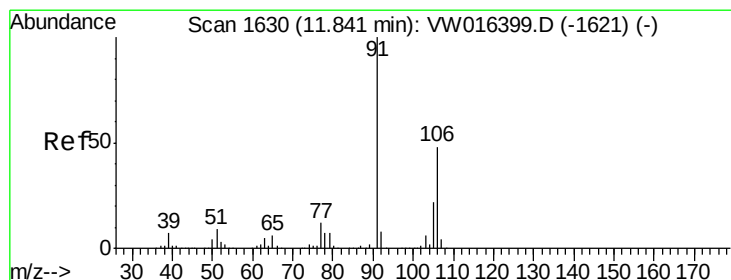
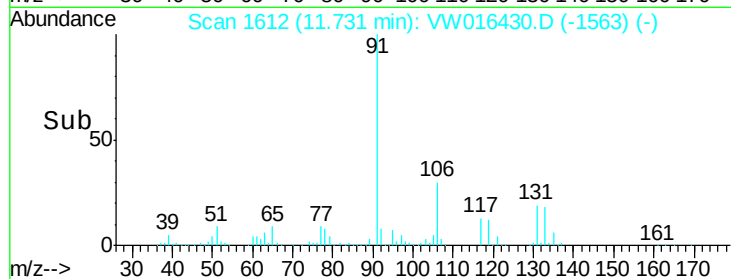
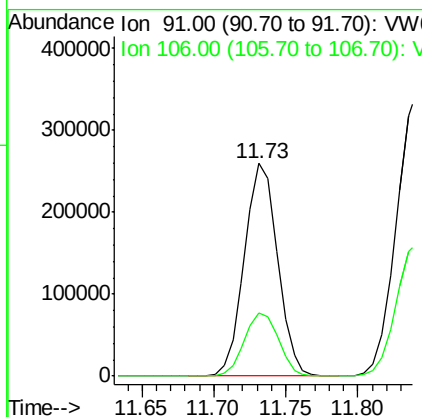
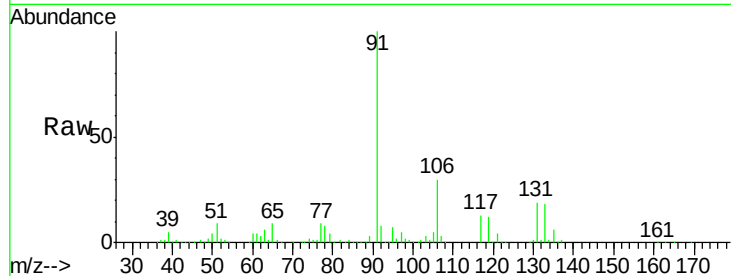
#67
Ethyl Benzene
Concen: 48.902 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 415272
Ion Ratio Lower Upper
91 100
106 29.9 25.3 37.9

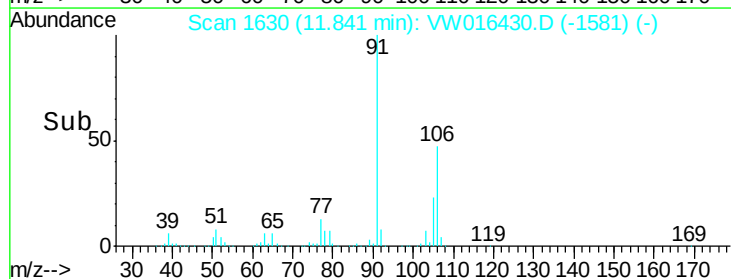
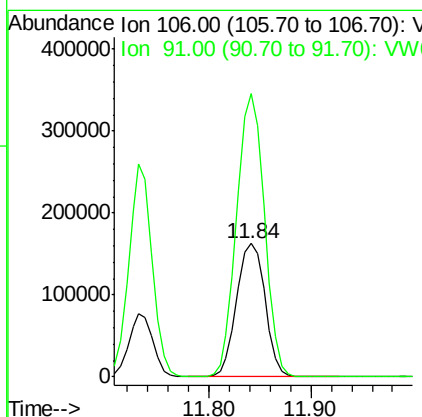
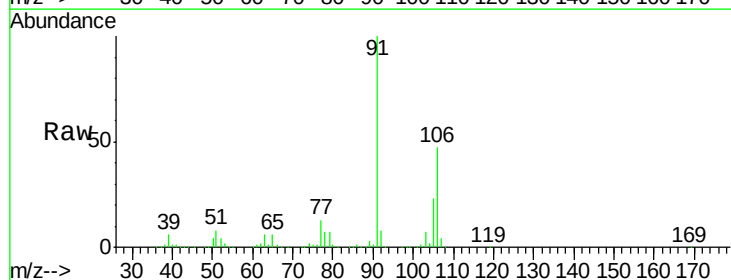
Manual Integrations
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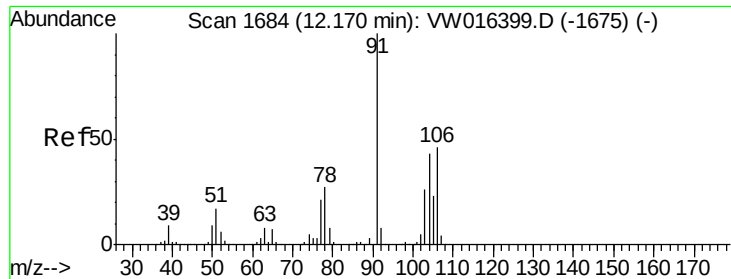
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#68
m/p-Xylenes
Concen: 96.981 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion: 106 Resp: 314430
Ion Ratio Lower Upper
106 100
91 207.3 167.7 251.5





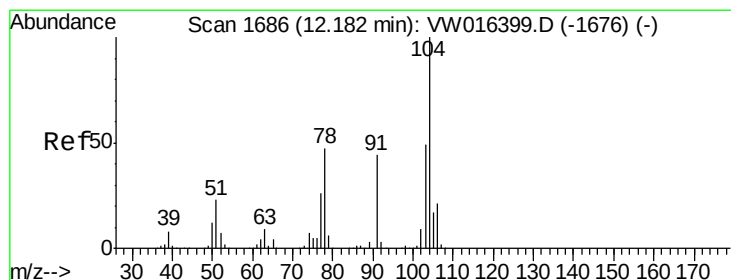
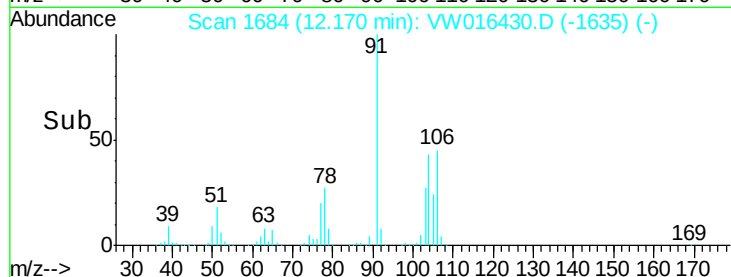
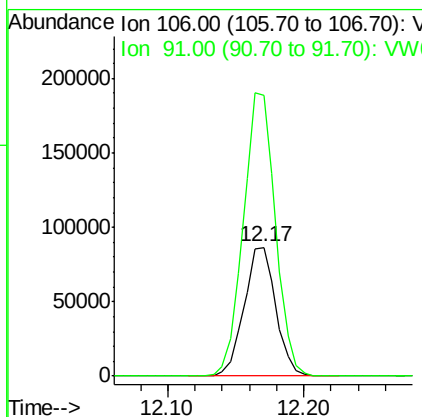
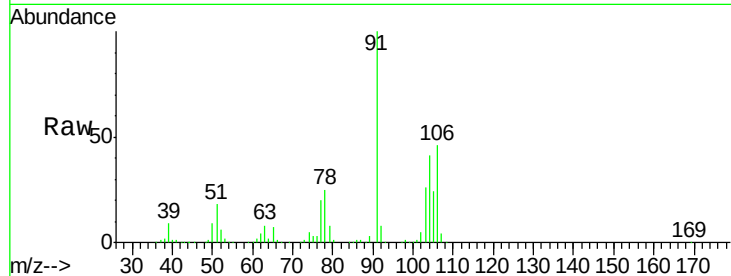
#69
o-Xylene
Concen: 47.176 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	223.2	111.7	334.9		

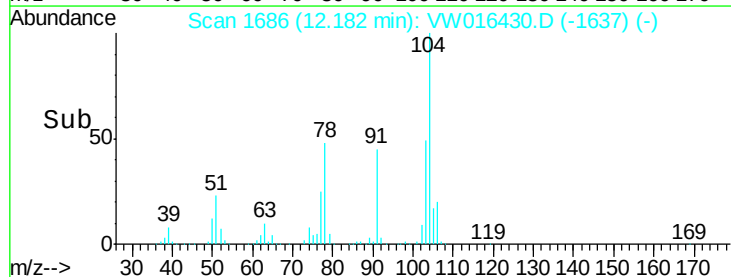
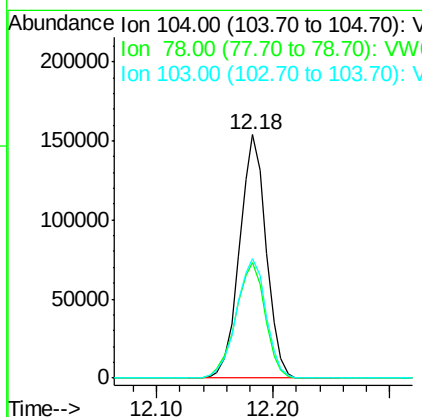
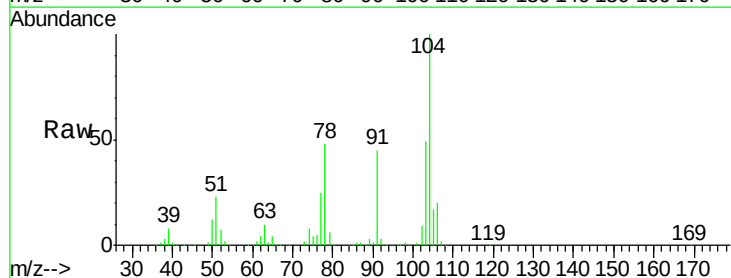
Manual Integrations
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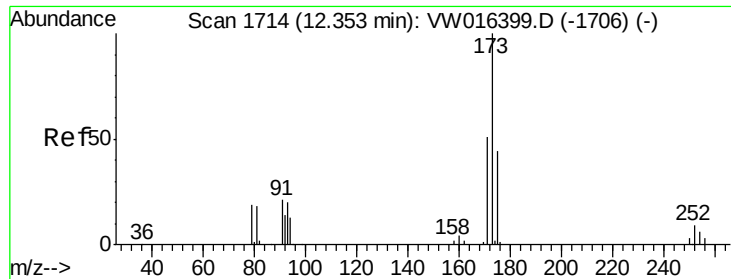
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#70
Styrene
Concen: 48.197 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	52.7	41.7	62.5		
103	54.6	42.9	64.3		





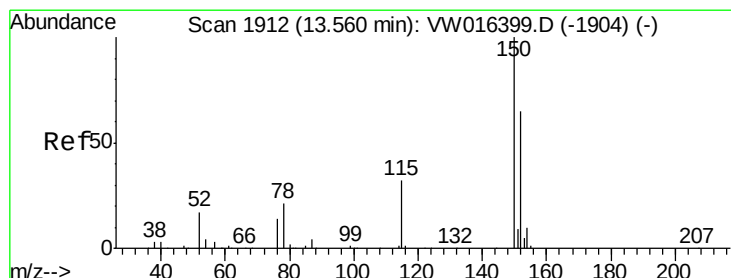
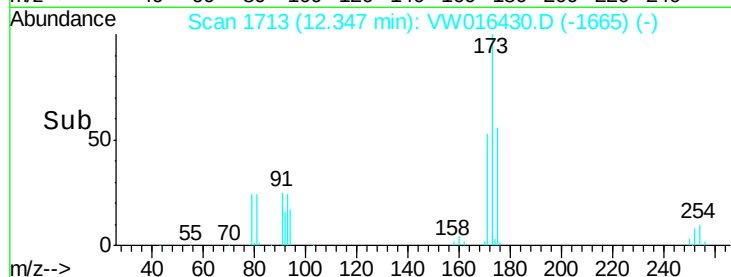
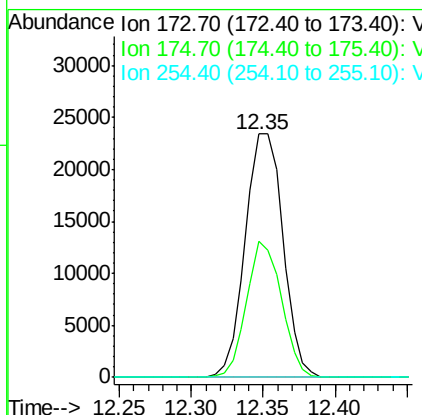
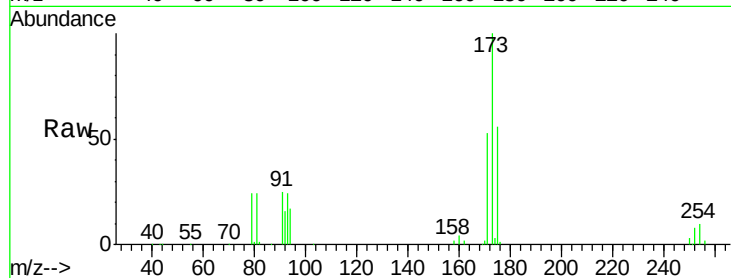
#71
Bromoform
Concen: 47.413 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.8	23.5	70.6
254	0.0	0.0	0.0

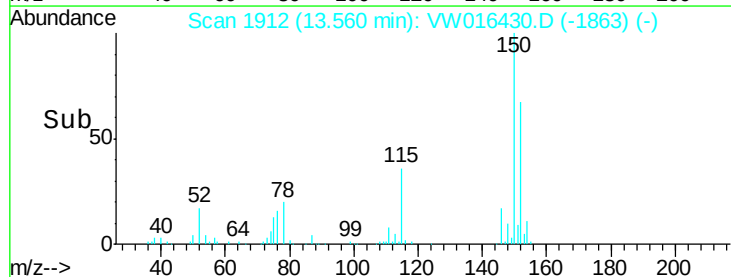
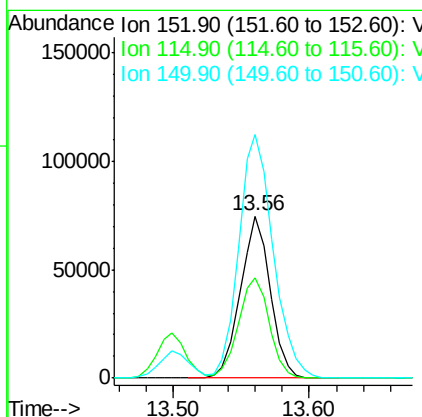
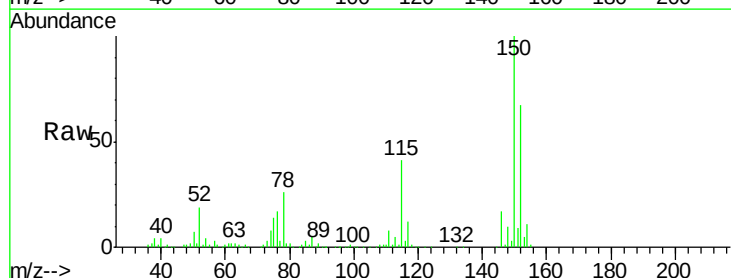
Manual Integrations
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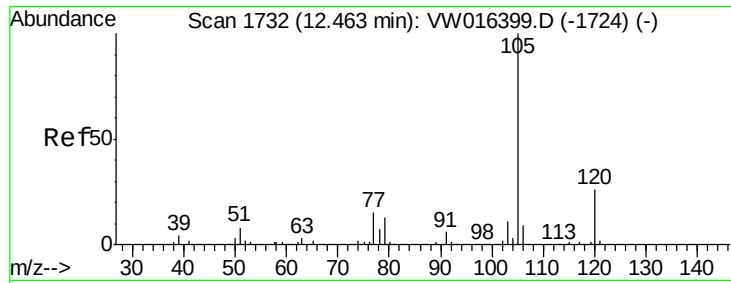
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	30.9	92.5
150	173.4	0.0	351.0





#73

Isopropylbenzene

Concen: 49.330 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 415643

Ion Ratio Lower Upper

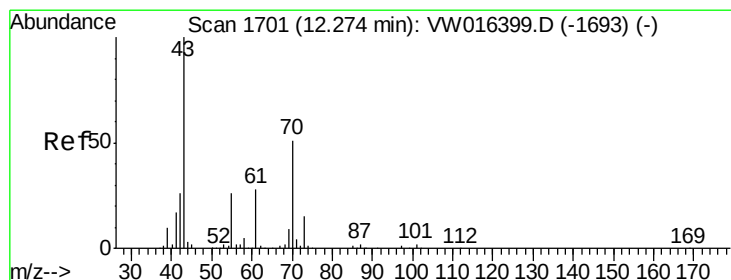
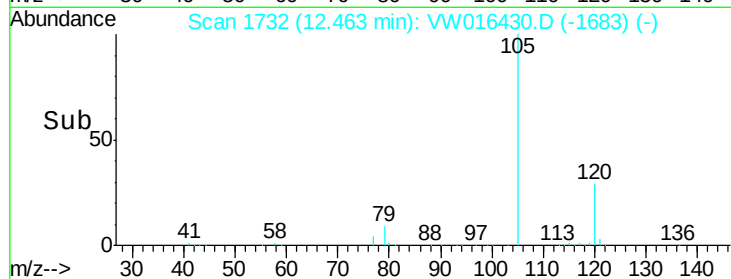
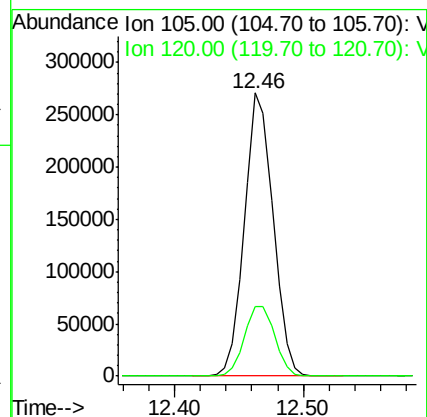
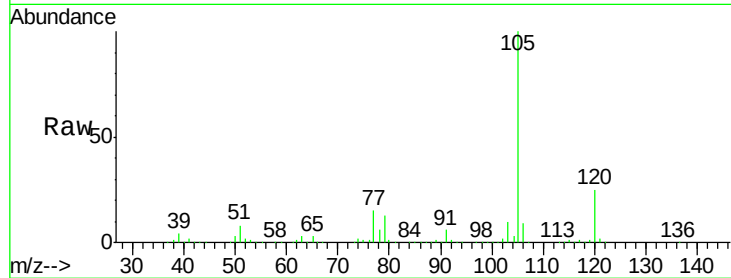
105 100

120 26.2 13.2 39.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 47.929 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Tgt Ion: 43 Resp: 70671

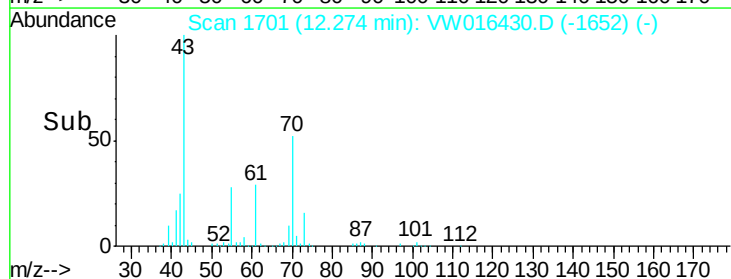
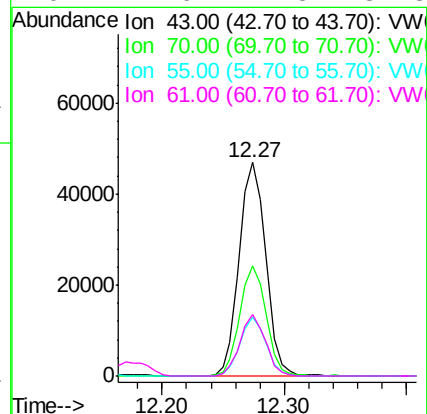
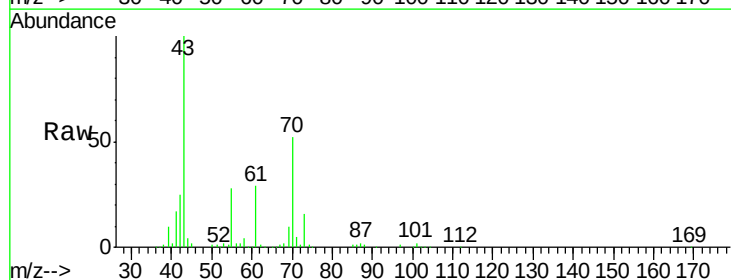
Ion Ratio Lower Upper

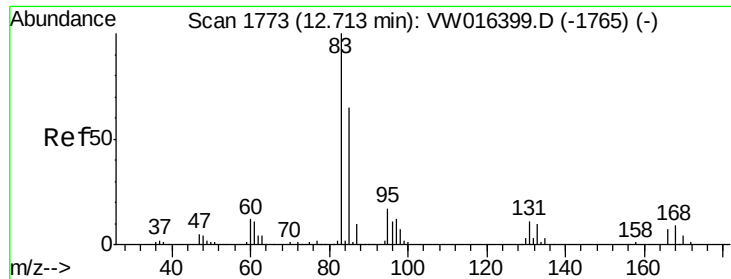
43 100

70 51.0 40.8 61.2

55 27.0 21.6 32.4

61 27.6 21.5 32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.408 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

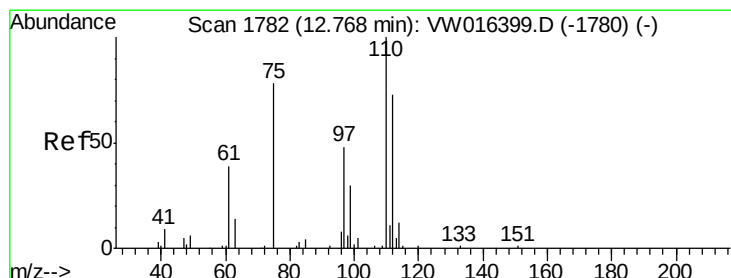
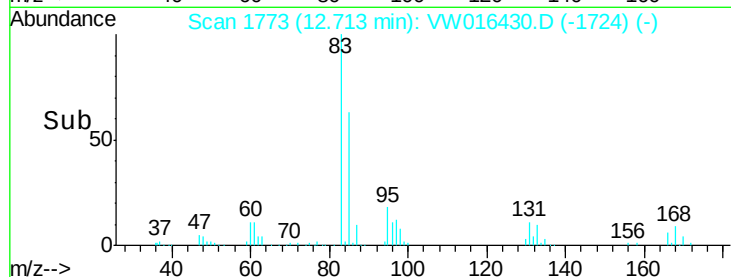
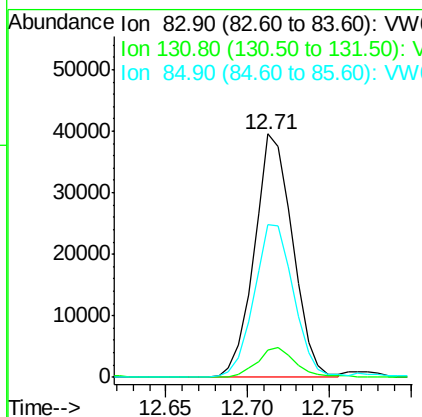
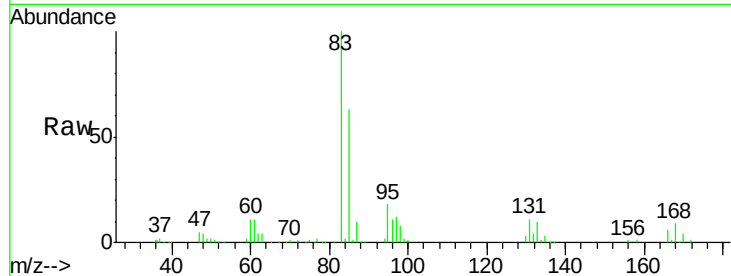
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	64370
Ion	Ratio	Lower	Upper
83	100		
131	12.3	5.9	17.8
85	64.9	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.666 ug/l m

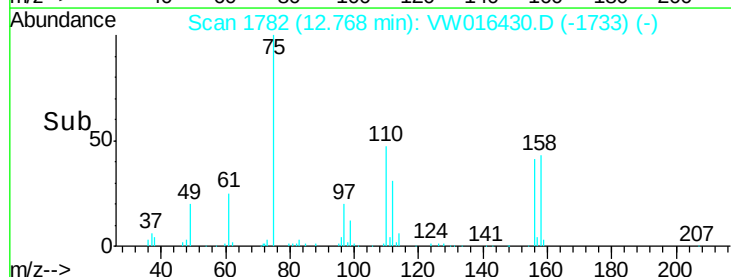
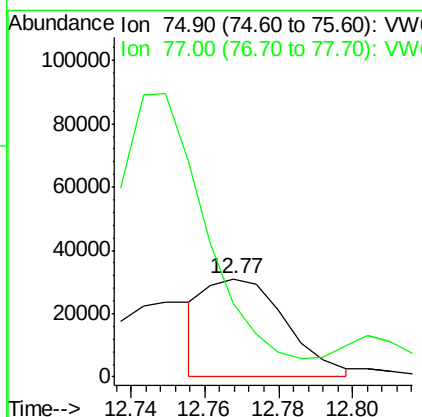
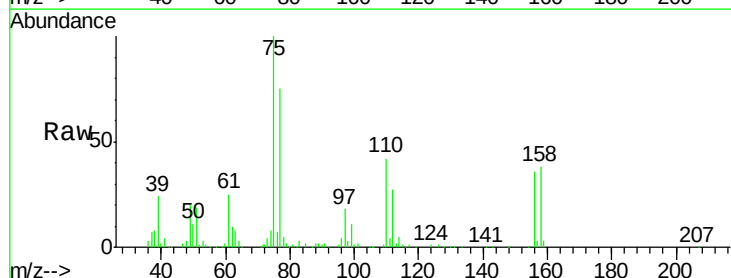
RT: 12.77 min Scan# 1782

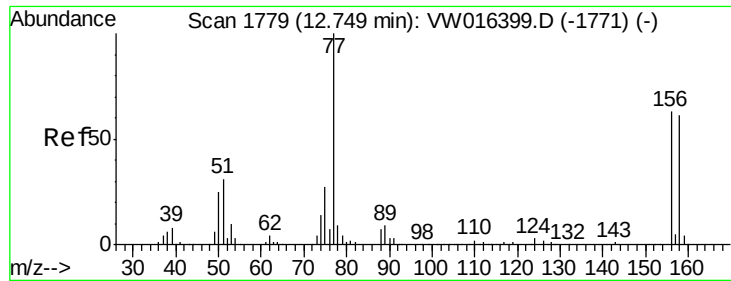
Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Tgt Ion:	75	Resp:	47152
Ion	Ratio	Lower	Upper
75	100		
77	346.9	173.4	520.2





#77

Bromobenzene

Concen: 47.768 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

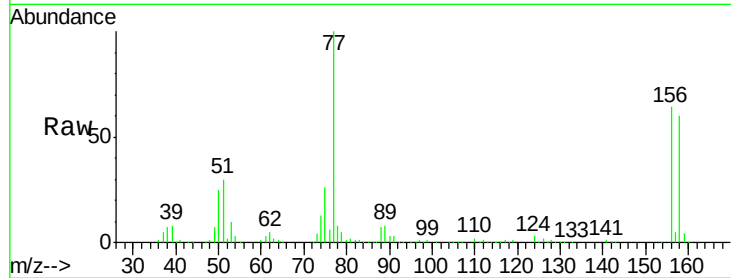
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	93564
Ion Ratio	Lower	Upper	
156	100		
77	174.8	90.0	269.9
158	95.2	47.3	141.8

Manual Integrations
APPROVED

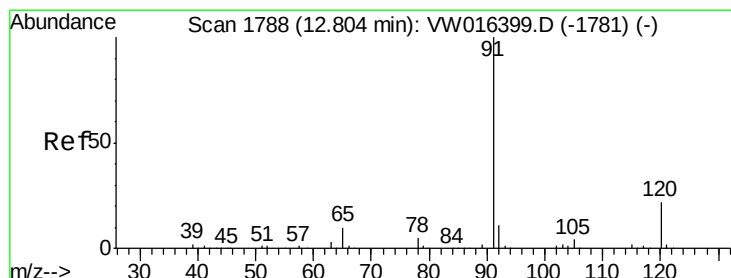
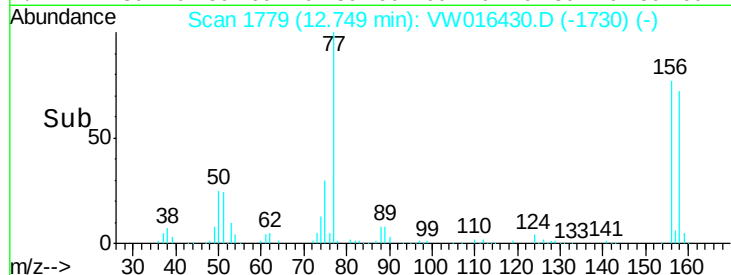
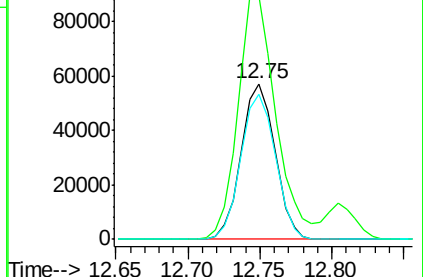
MMDadoda
9/2/2020 2:22:29 PM



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: 48.818 ug/l

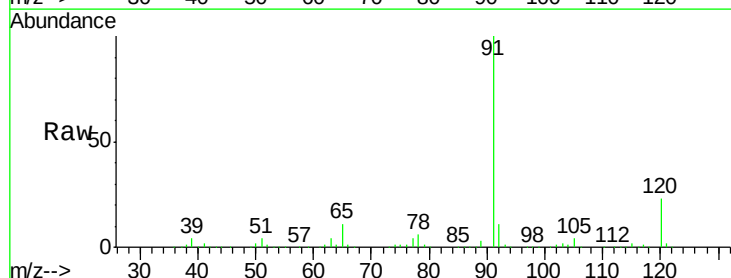
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016430.D

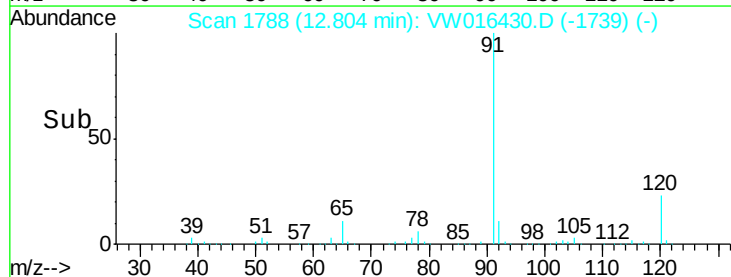
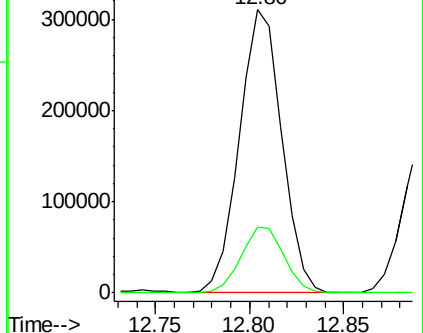
Acq: 01 Sep 2020 12:35

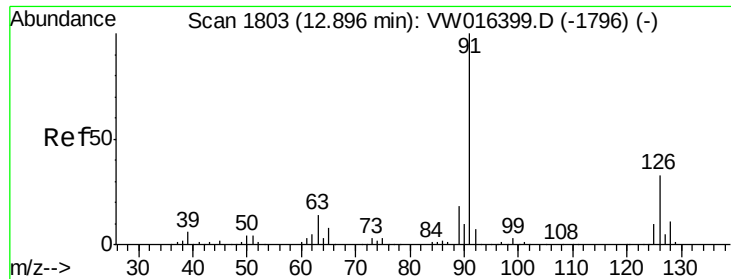
Tgt Ion:	91	Resp:	482865
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.3	33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.009 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 279658

Ion Ratio Lower Upper

91 100

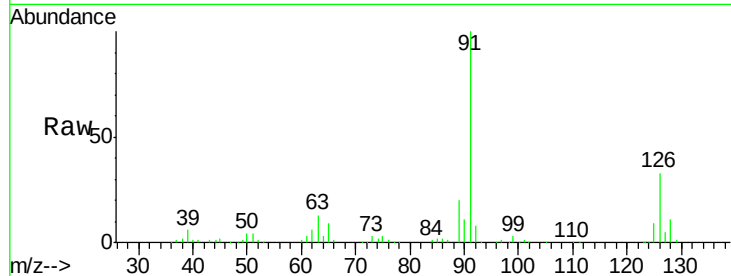
126 32.9 16.4 49.1

Manual Integrations

APPROVED

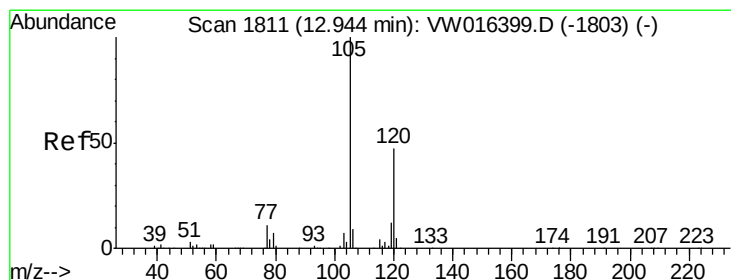
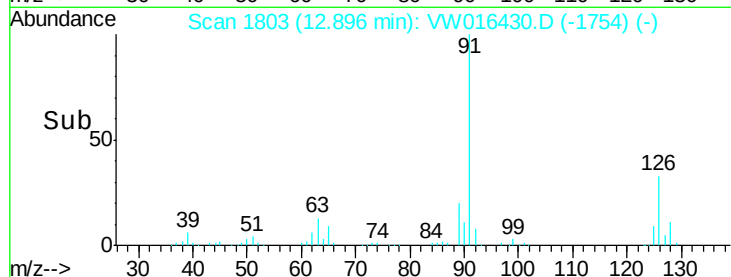
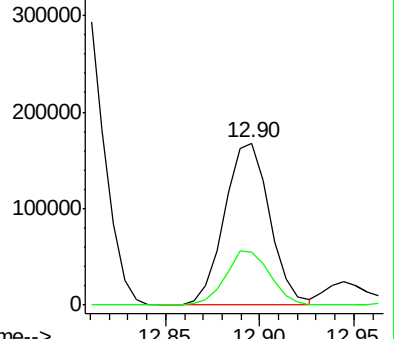
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.081 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016430.D

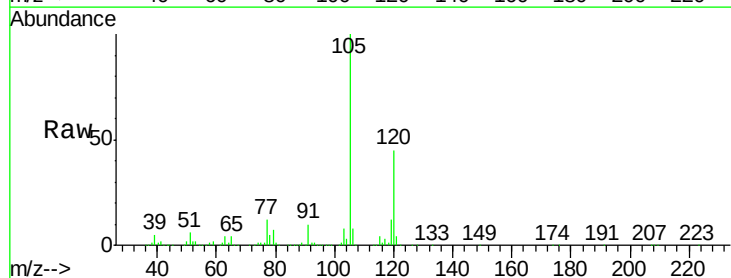
Acq: 01 Sep 2020 12:35

Tgt Ion: 105 Resp: 362704

Ion Ratio Lower Upper

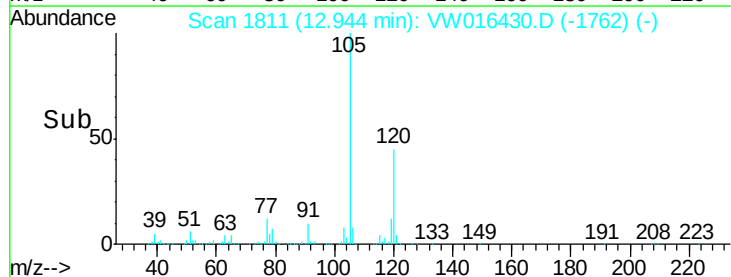
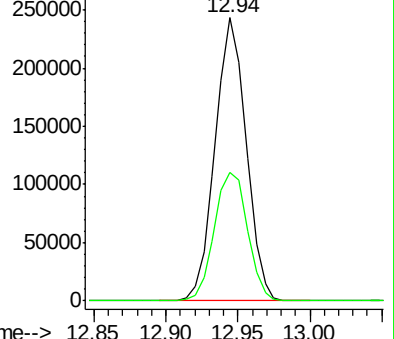
105 100

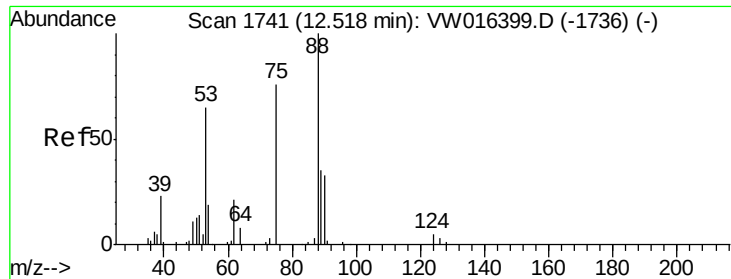
120 48.4 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





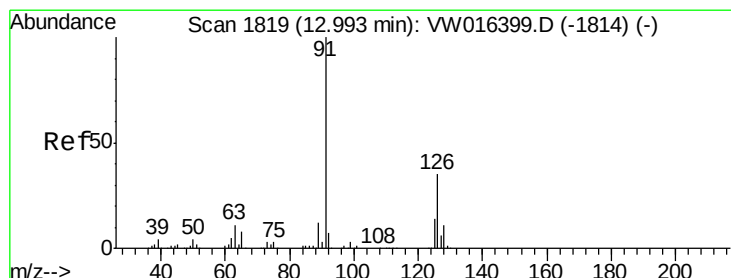
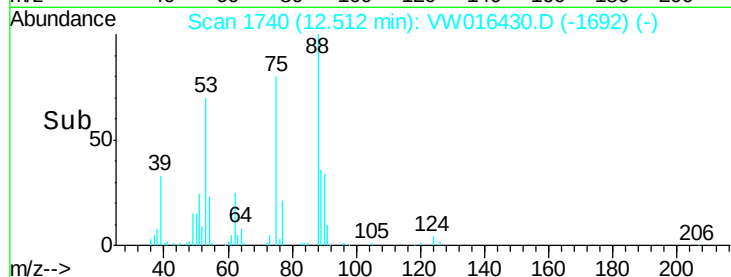
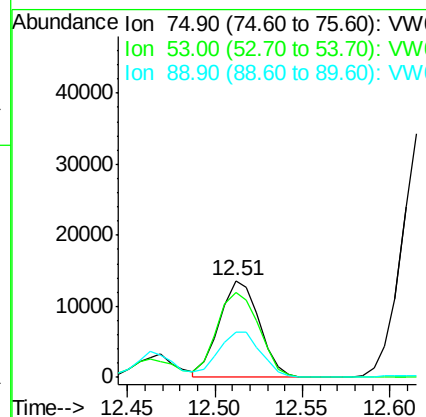
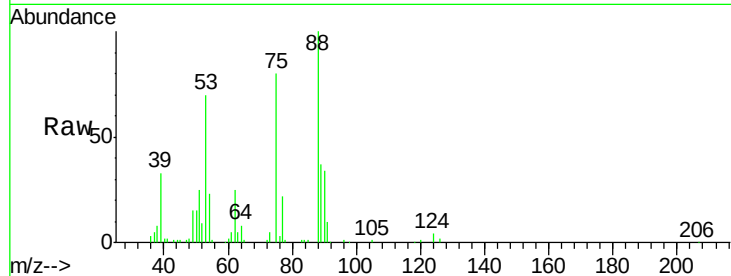
#81
trans-1,4-Dichloro-2-butene
Concen: 47.916 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.2	75.2	112.8
89	49.3	40.4	60.6

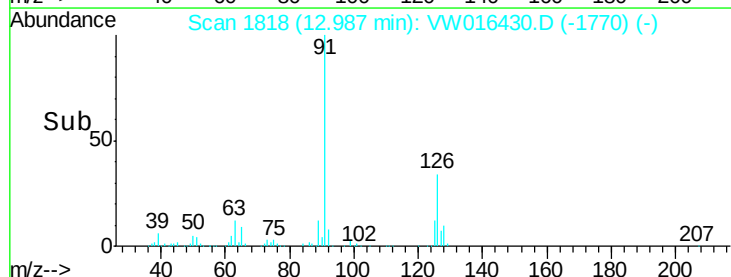
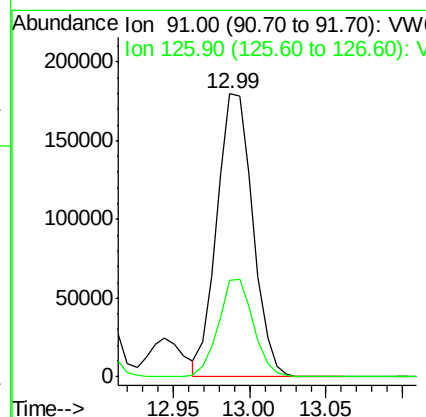
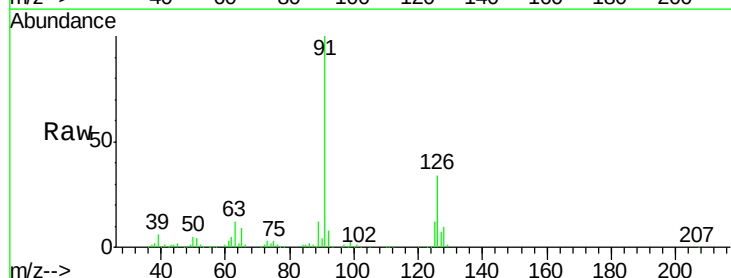
Manual Integrations
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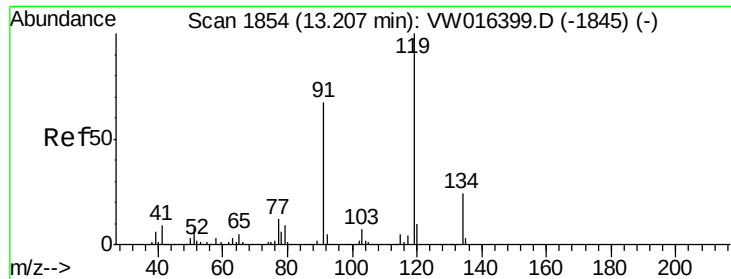
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#82
4-Chlorotoluene
Concen: 48.030 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.0	50.9





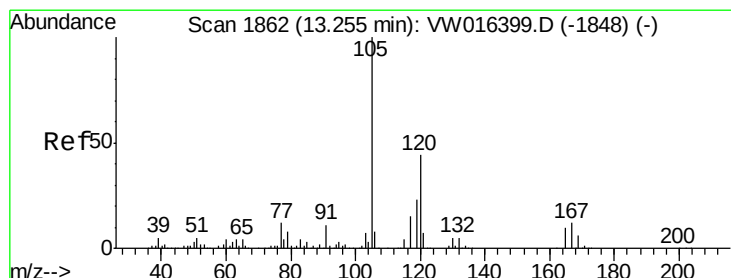
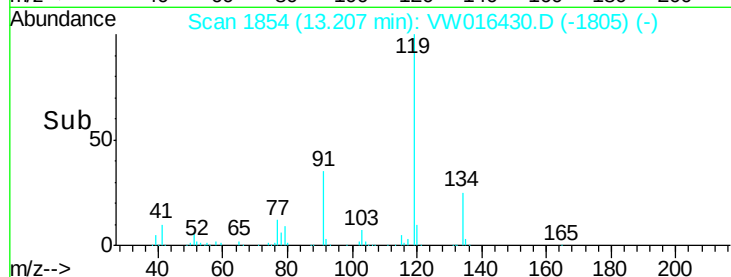
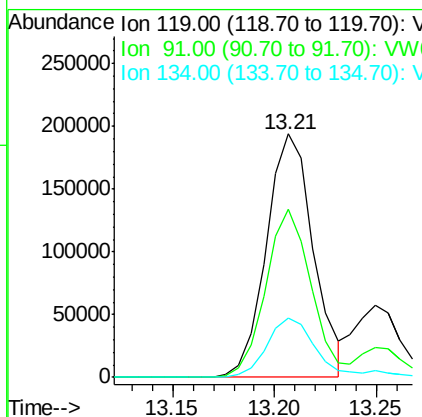
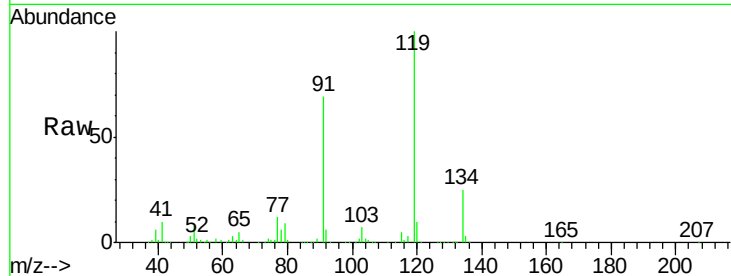
#83
 tert-Butylbenzene
 Concen: 50.177 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	311530		
91	67.3		34.1	102.3
134	26.1		12.3	36.8

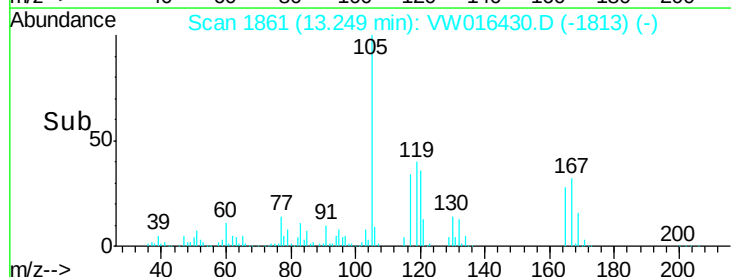
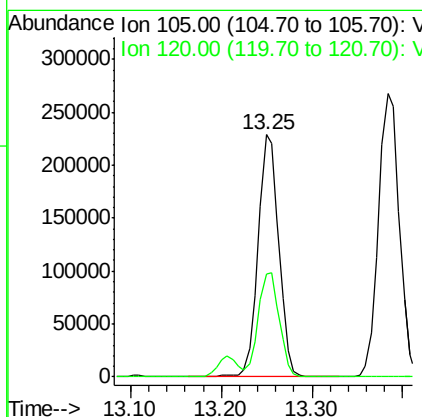
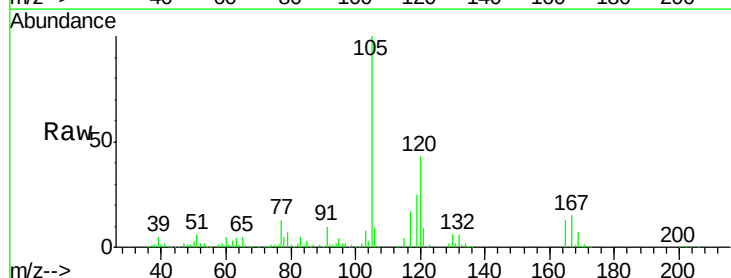
Manual Integrations
 APPROVED

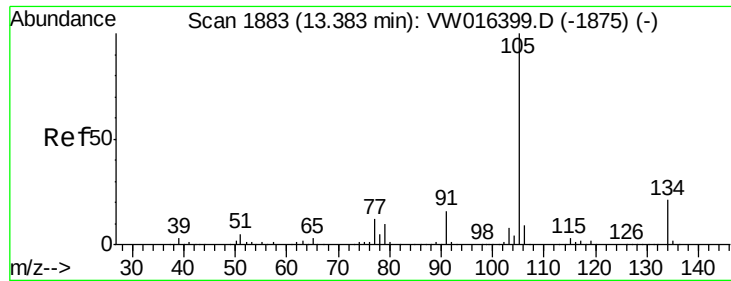
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.894 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	360389		
120	43.8		22.1	66.1





#85

sec-Butylbenzene

Concen: 49.648 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 426807

Ion Ratio Lower Upper

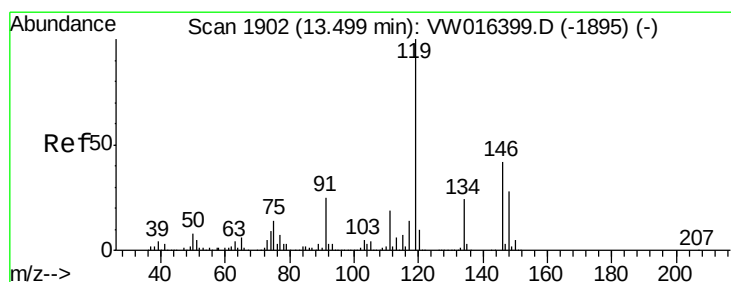
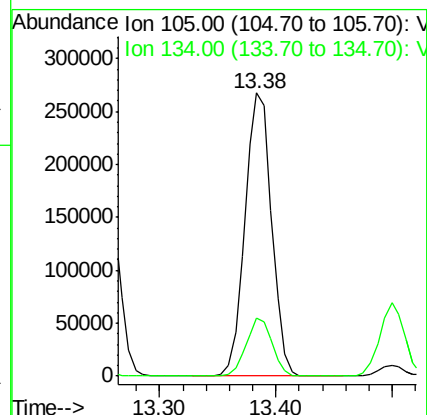
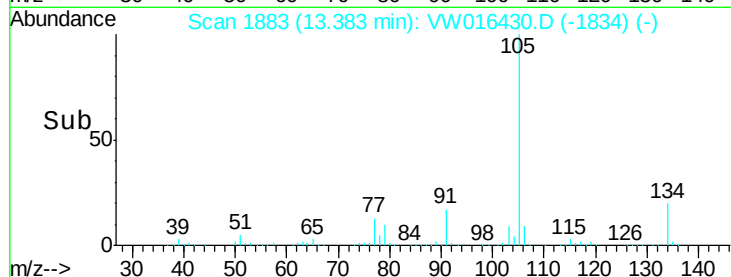
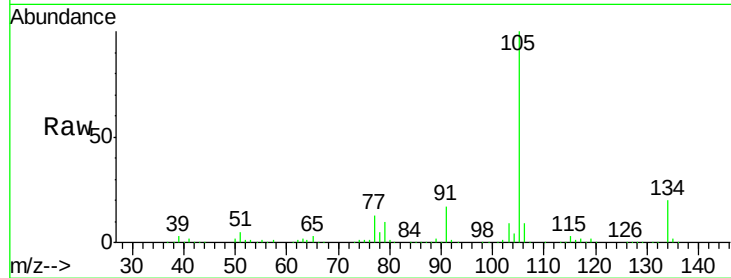
105 100

134 19.9 10.0 30.0

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 50.252 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

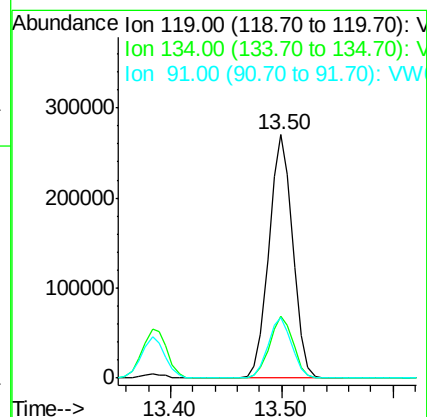
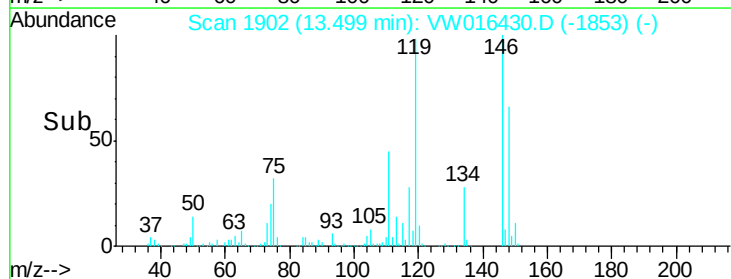
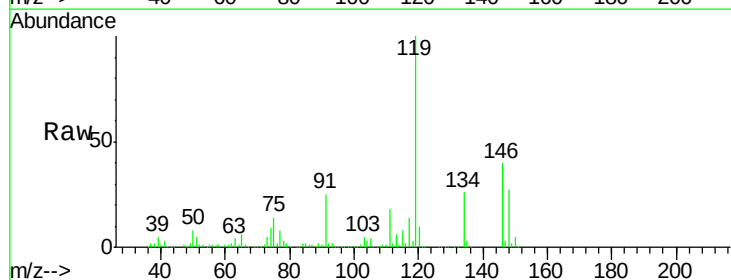
Tgt Ion:119 Resp: 403287

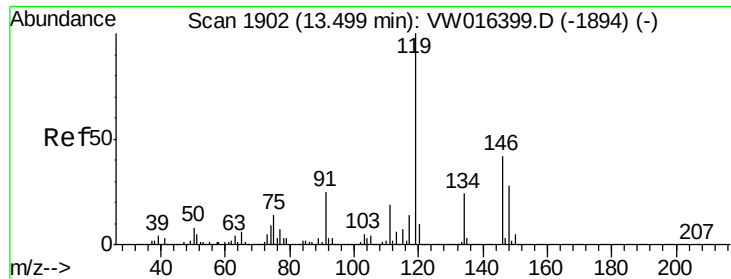
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.6

91 24.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 47.049 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

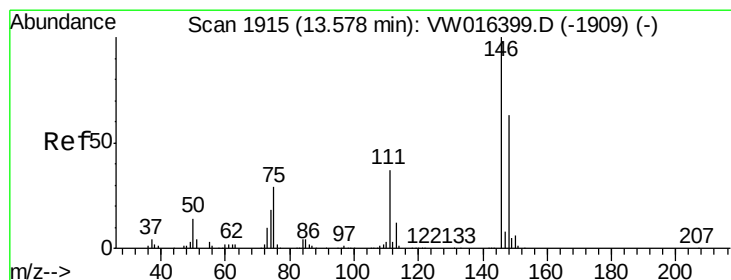
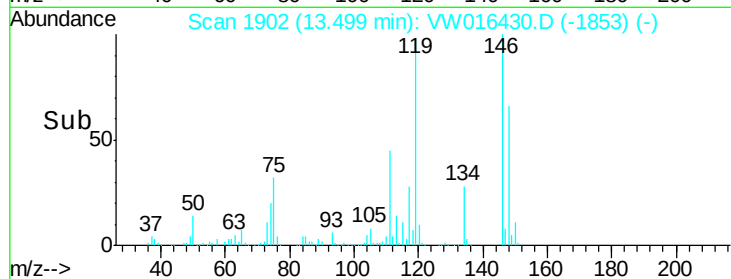
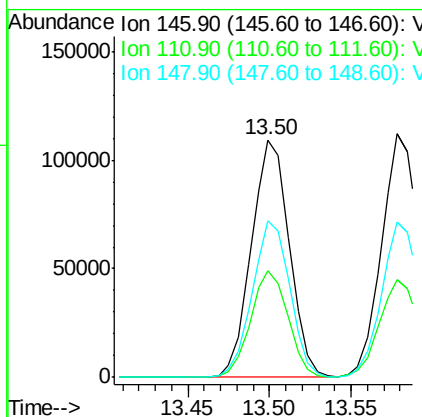
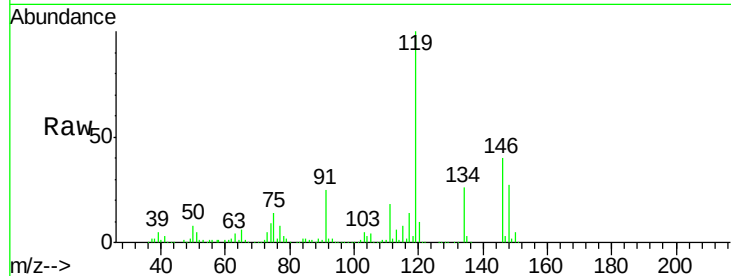
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.6	67.8
148	65.2	33.6	100.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.550 ug/l

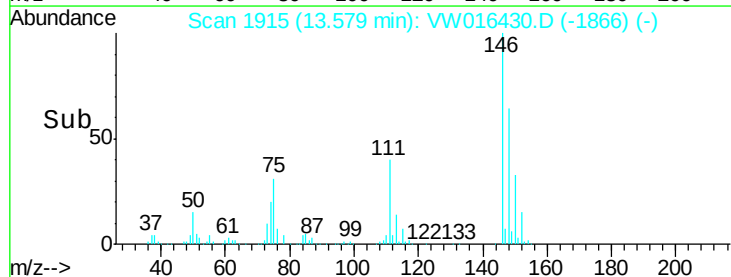
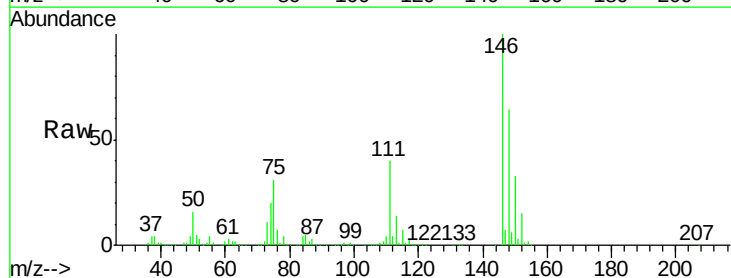
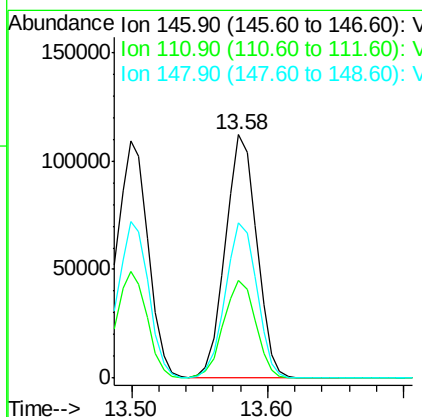
RT: 13.58 min Scan# 1915

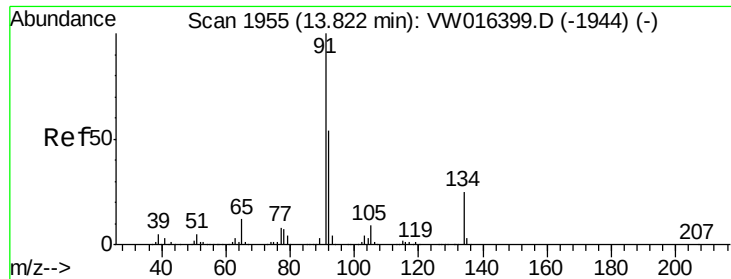
Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.3
148	64.3	32.0	96.2





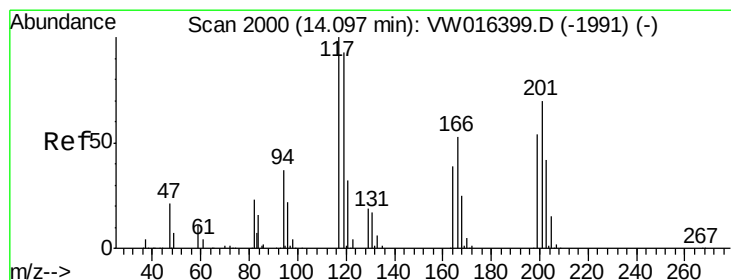
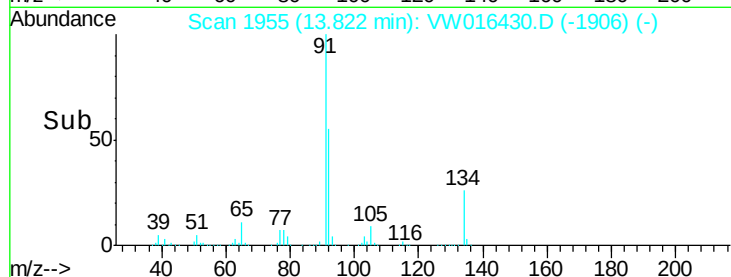
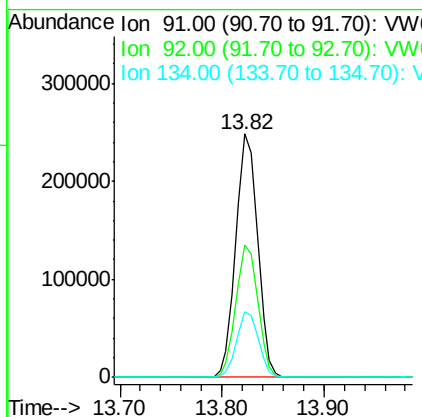
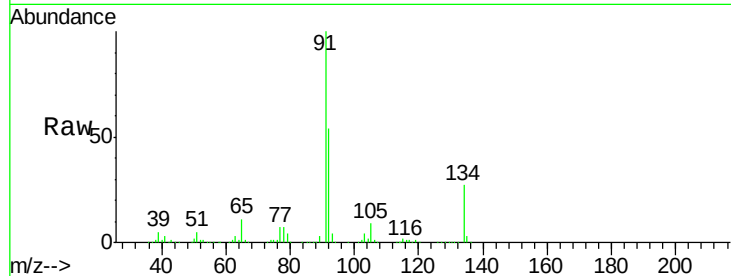
#89
n-Butylbenzene
Concen: 49.756 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	366614		
92	54.9		26.8	80.4
134	27.0		13.2	39.6

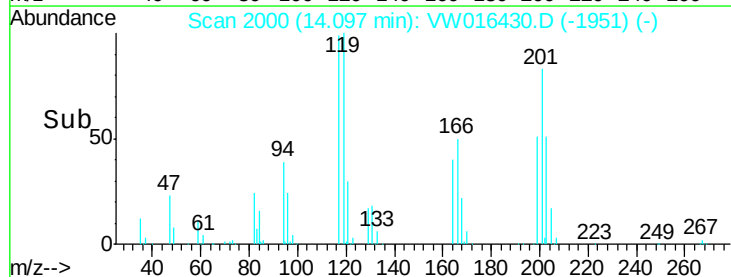
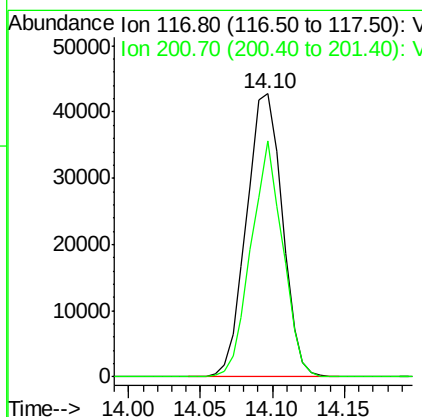
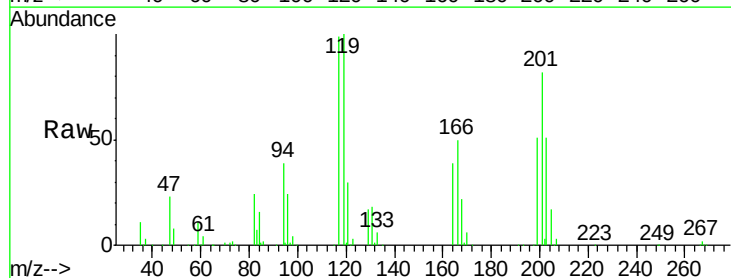
Manual Integrations
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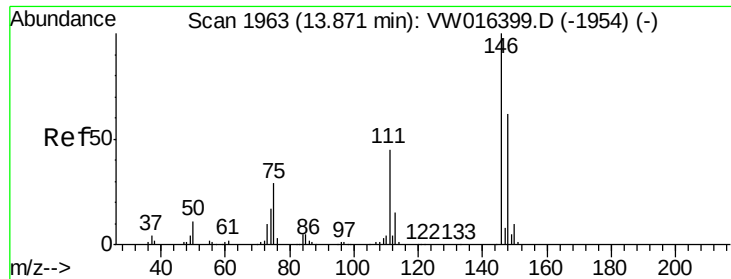
MMDadoda
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#90
Hexachloroethane
Concen: 48.942 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016430.D
Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	73747		
201	73.5		35.9	107.7





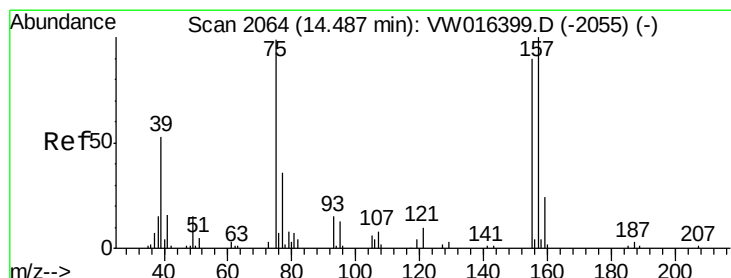
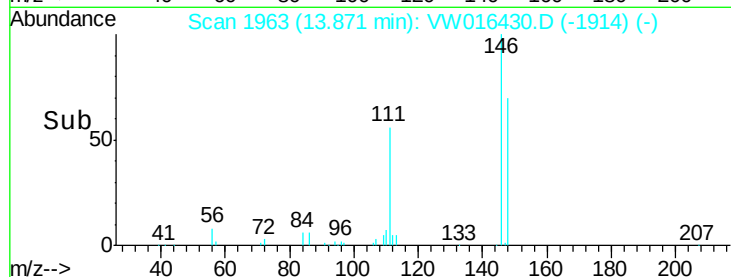
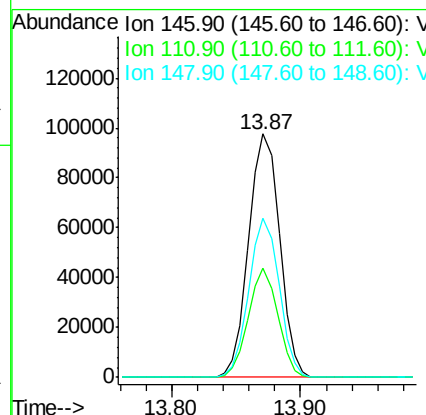
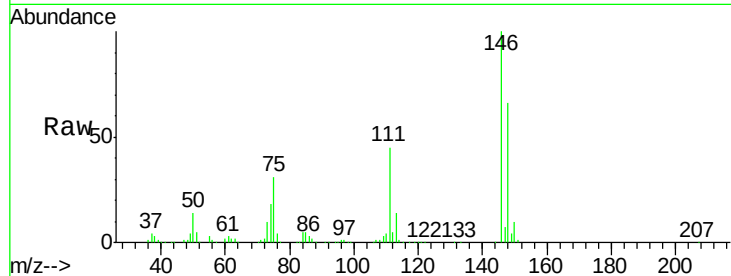
#91
 1,2-Dichlorobenzene
 Concen: 48.239 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.3	66.8
148	63.8	32.0	96.0

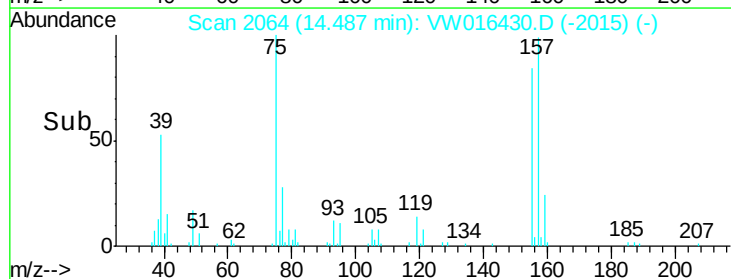
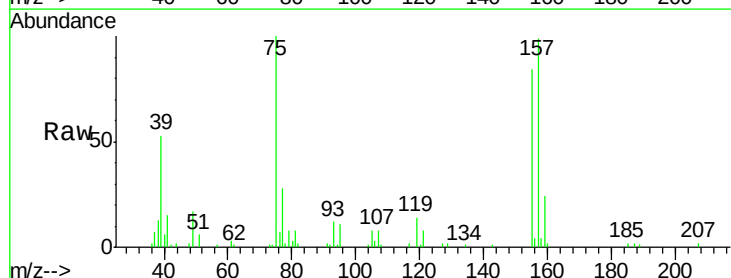
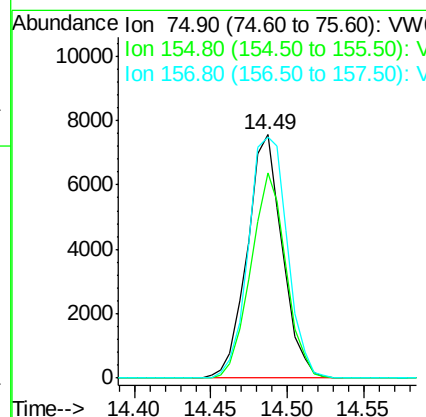
Manual Integrations
 APPROVED

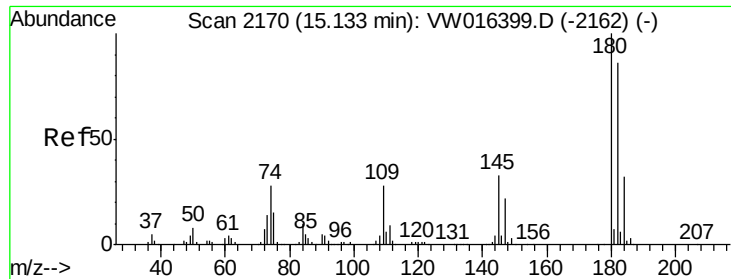
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 9/2/2020 2:22:29 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.683 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	41.4	124.4
157	110.1	52.1	156.4





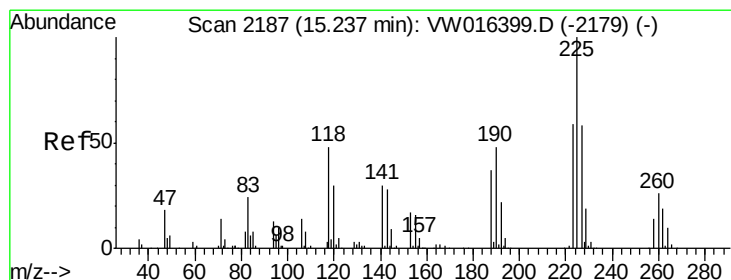
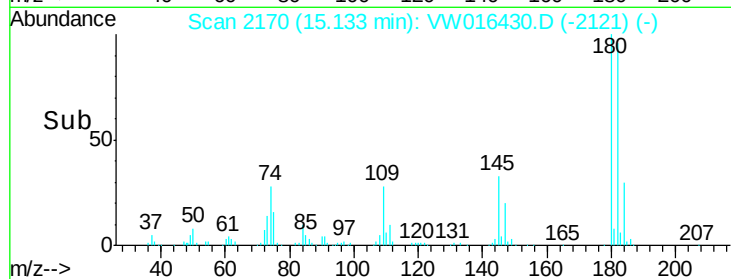
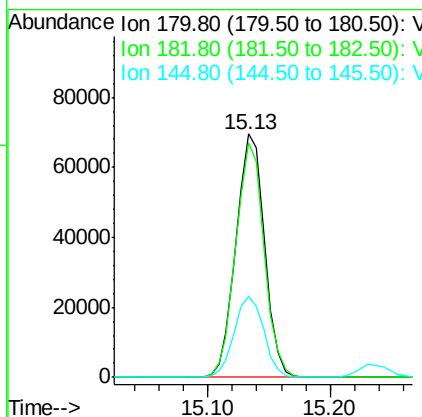
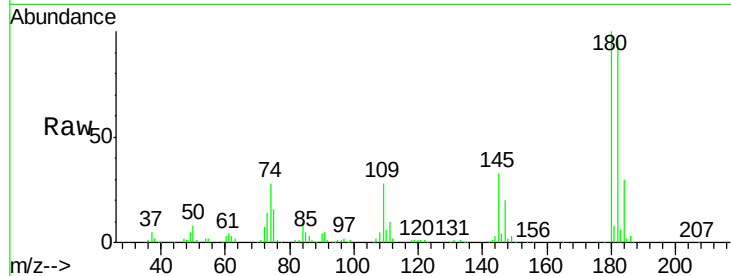
#93
 1,2,4-Trichlorobenzene
 Concen: 50.204 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112243		
182	95.5	44.9	134.7	
145	34.3	17.1	51.2	

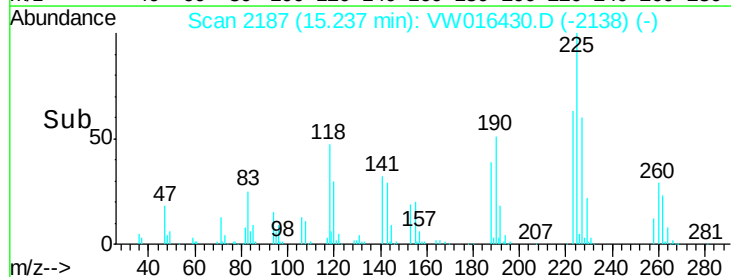
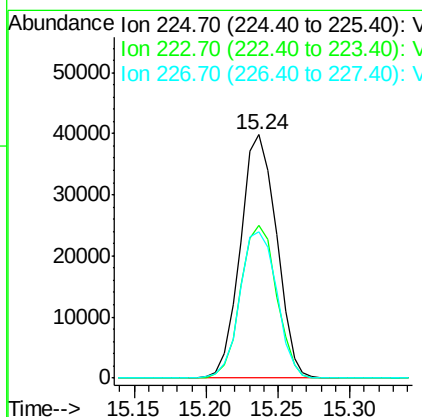
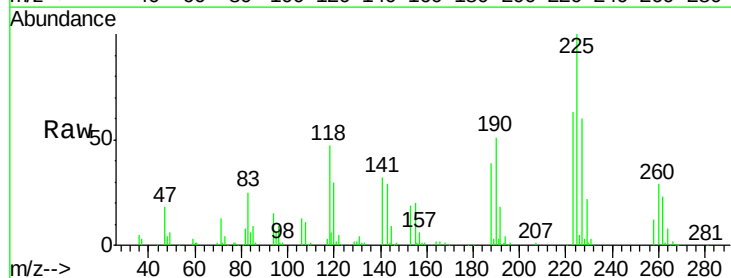
Manual Integrations
 APPROVED

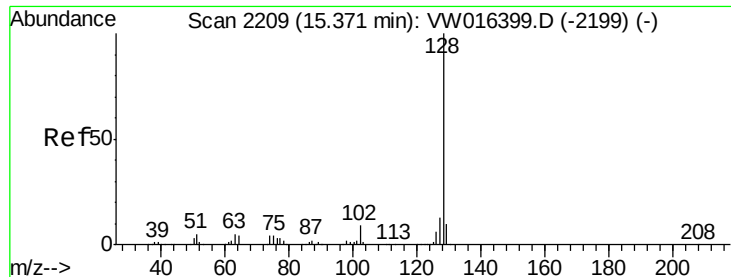
MMDadoda
 9/2/2020 2:22:29 PM



#94
 Hexachlorobutadiene
 Concen: 51.965 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016430.D
 Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69361		
223	62.2	30.5	91.5	
227	61.0	30.7	92.1	





#95

Naphthalene

Concen: 49.744 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Instrument :

MSVOA_W

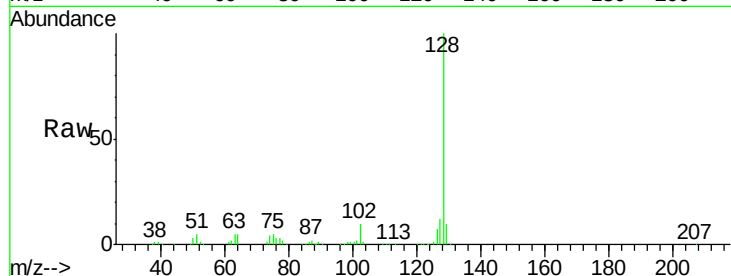
ClientSampleId :

VSTDCCC050

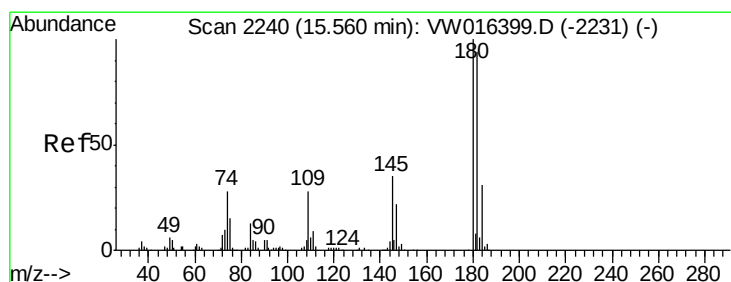
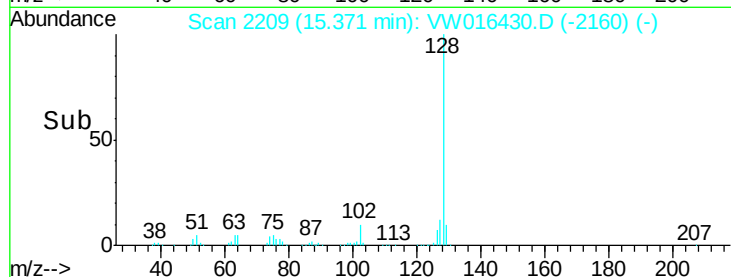
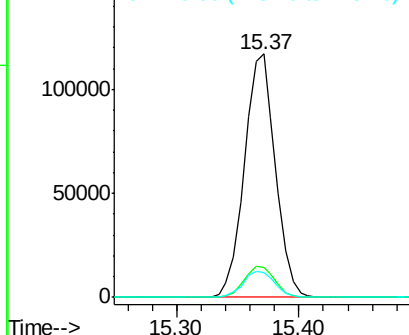
Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:22:29 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.777 ug/l

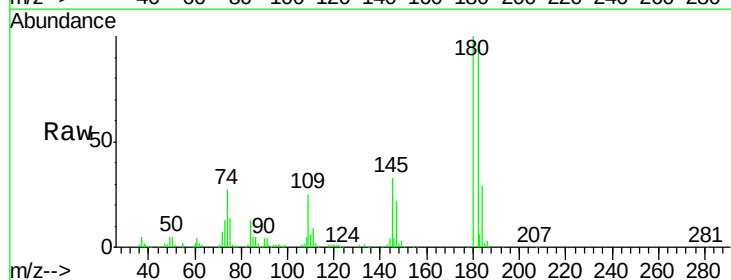
RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW016430.D

Acq: 01 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	46.5	139.5
145	34.8	18.1	54.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

