

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001371.D
 Acq On : 24 Jan 2020 10:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:01:55 PM

Quant Time: Jan 25 04:08:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	193254	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	332737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	295385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	143423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	107990	51.35	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	7.74	113	101825	52.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.19	98	416296	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
62) 4-Bromofluorobenzene	12.49	95	155615	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	78895	51.768	ug/l	100
3) Chloromethane	2.12	50	112556	48.866	ug/l	99
4) Vinyl Chloride	2.26	62	119397	49.713	ug/l	96
5) Bromomethane	2.66	94	77654	48.008	ug/l	100
6) Chloroethane	2.80	64	77690	50.623	ug/l	98
7) Trichlorofluoromethane	3.13	101	159856	52.021	ug/l	95
8) Diethyl Ether	3.54	74	62781	48.397	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	103304	52.788	ug/l	100
10) Methyl Iodide	4.11	142	129585	50.206	ug/l	100
11) Tert butyl alcohol	4.98	59	52902	195.910	ug/l	99
12) 1,1-Dichloroethene	3.89	96	103870	50.622	ug/l	96
13) Acrolein	3.74	56	49221	319.151	ug/l	99
14) Allyl chloride	4.50	41	184247	50.353	ug/l	100
15) Acrylonitrile	5.19	53	163847	246.754	ug/l	100
16) Acetone	3.96	43	154432	279.679	ug/l	98
17) Carbon Disulfide	4.21	76	316284	49.012	ug/l	100
18) Methyl Acetate	4.50	43	81946	46.210	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	293820	48.906	ug/l	99
20) Methylene Chloride	4.74	84	116052	44.199	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	116800	49.005	ug/l	96
22) Diisopropyl ether	6.14	45	383346	49.336	ug/l	96
23) Vinyl Acetate	6.08	43	1266675	251.105	ug/l	99
24) 1,1-Dichloroethane	6.04	63	202719	49.497	ug/l	99
25) 2-Butanone	7.01	43	231624	253.062	ug/l	97
26) 2,2-Dichloropropane	7.00	77	179074	49.086	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	131648	49.423	ug/l	98
28) Bromochloromethane	7.35	49	83627	49.512	ug/l	97
29) Tetrahydrofuran	7.36	42	145757	244.775	ug/l	99
30) Chloroform	7.53	83	198388	49.419	ug/l	97
31) Cyclohexane	7.80	56	200766	49.372	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	169955	50.140	ug/l	100
36) 1,1-Dichloropropene	7.94	75	162567	51.715	ug/l	99
37) Ethyl Acetate	7.10	43	96316	50.149	ug/l	100
38) Carbon Tetrachloride	7.91	117	149205	53.257	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	215266	53.456	ug/l	98
40) Benzene	8.18	78	480213	50.948	ug/l	99
41) Methacrylonitrile	7.33	41	50034m	50.483	ug/l	
42) 1,2-Dichloroethane	8.25	62	134273	50.983	ug/l	98
43) Isopropyl Acetate	8.28	43	194244	52.012	ug/l	99
44) Trichloroethene	8.95	130	122724	50.739	ug/l	100
45) 1,2-Dichloropropane	9.23	63	122853	51.559	ug/l	100
46) Dibromomethane	9.32	93	65757	51.405	ug/l	98
47) Bromodichloromethane	9.50	83	157127	51.383	ug/l	99
48) Methyl methacrylate	9.30	41	88584	52.177	ug/l	97
49) 1,4-Dioxane	9.32	88	17222	954.707	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	491832	255.728	ug/l	100
52) Toluene	10.25	92	305998	51.214	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	176866	52.182	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	199677	51.327	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	96143	50.922	ug/l	95
56) Ethyl methacrylate	10.52	69	146737	51.421	ug/l	99
57) 1,3-Dichloropropane	10.80	76	169793	51.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	229162	232.071	ug/l	99
59) 2-Hexanone	10.84	43	362158	270.485	ug/l	99
60) Dibromochloromethane	10.99	129	108781	51.514	ug/l	100
61) 1,2-Dibromoethane	11.10	107	91371	51.192	ug/l	99
64) Tetrachloroethene	10.73	164	96049	50.905	ug/l	99
65) Chlorobenzene	11.52	112	320798	51.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	110747	52.121	ug/l	99
67) Ethyl Benzene	11.60	91	597396	52.064	ug/l	99
68) m/p-Xylenes	11.71	106	446549	104.199	ug/l	99
69) o-Xylene	12.03	106	213170	51.706	ug/l	99
70) Styrene	12.05	104	373278	51.605	ug/l	100
71) Bromoform	12.22	173	65422	51.579	ug/l #	99
73) Isopropylbenzene	12.33	105	574839	50.793	ug/l	100
74) N-amyl acetate	12.15	43	190636	51.460	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	123847	51.097	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	90007m	52.080	ug/l	
77) Bromobenzene	12.61	156	126388	50.421	ug/l	99
78) n-propylbenzene	12.68	91	706145	51.839	ug/l	100
79) 2-Chlorotoluene	12.77	91	396578	50.961	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	482747	51.102	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	47608	52.129	ug/l	96
82) 4-Chlorotoluene	12.86	91	421380	50.692	ug/l	100
83) tert-Butylbenzene	13.08	119	410276	51.523	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	481749	50.794	ug/l	99
85) sec-Butylbenzene	13.26	105	592505	52.371	ug/l	100
86) p-Isopropyltoluene	13.38	119	517642	51.920	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	246266	51.012	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	247486	50.490	ug/l	99
89) n-Butylbenzene	13.70	91	526042	52.426	ug/l	99
90) Hexachloroethane	13.97	117	99342	52.566	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	225810	50.719	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20691	49.472	ug/l	99

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	147712	49.433	ug/l	99
94) Hexachlorobutadiene	15.12	225	73190	50.303	ug/l	98
95) Naphthalene	15.24	128	346483	50.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	130357	49.731	ug/l	99

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

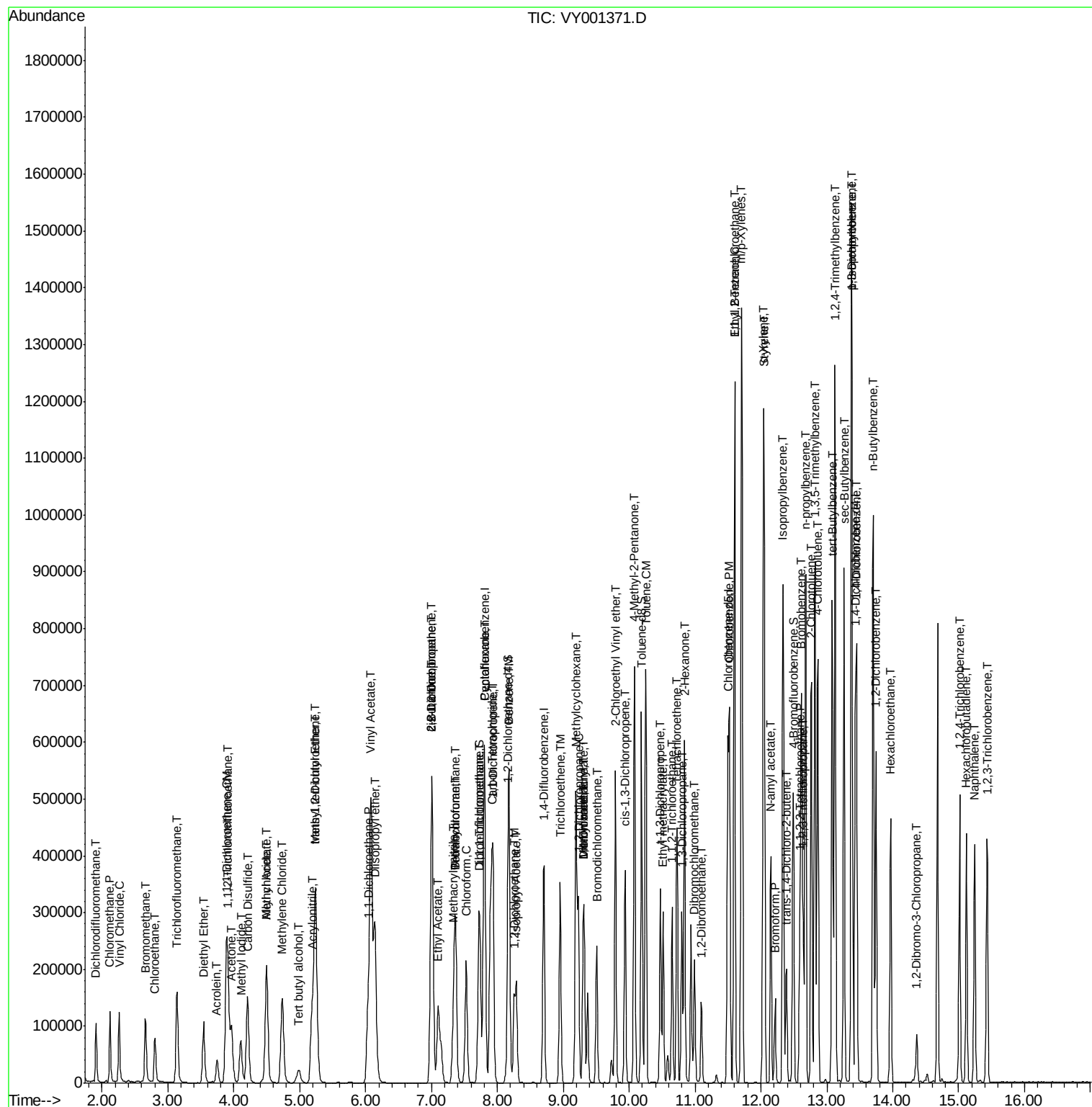
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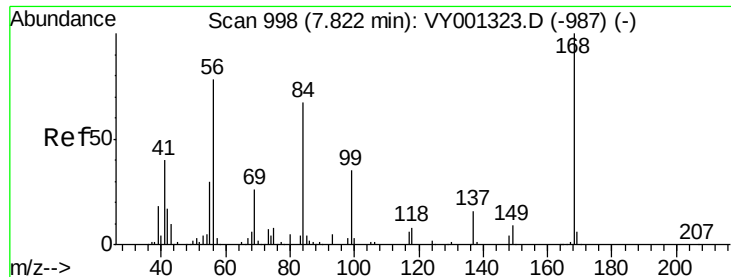
Instrument :
 MSVOA_Y
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 193254

Ion Ratio Lower Upper

168 100

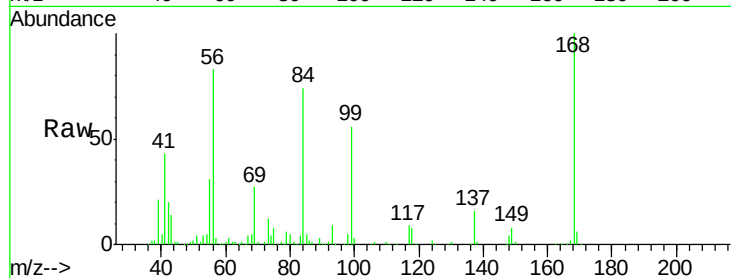
99 55.7 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.81

80000

60000

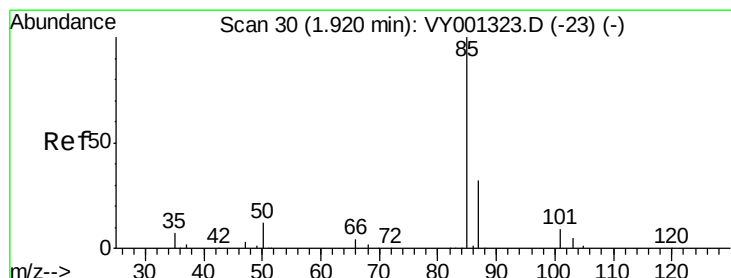
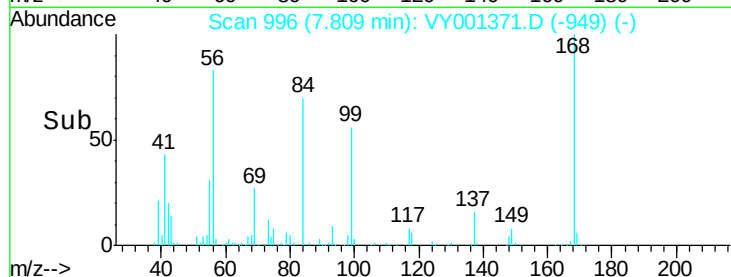
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.768 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001371.D

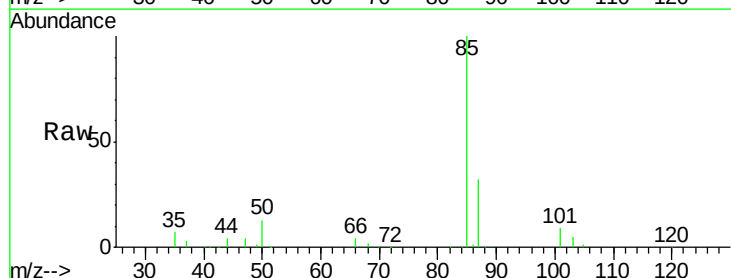
Acq: 24 Jan 2020 10:40

Tgt Ion: 85 Resp: 78895

Ion Ratio Lower Upper

85 100

87 31.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.91

60000

50000

40000

30000

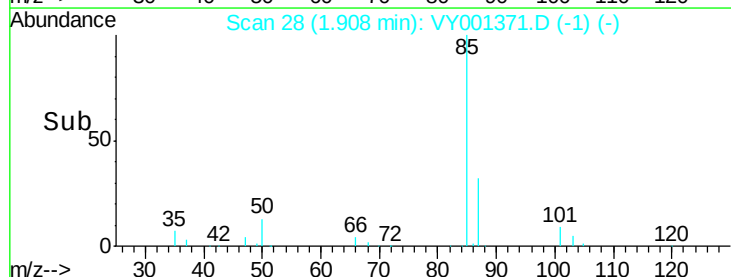
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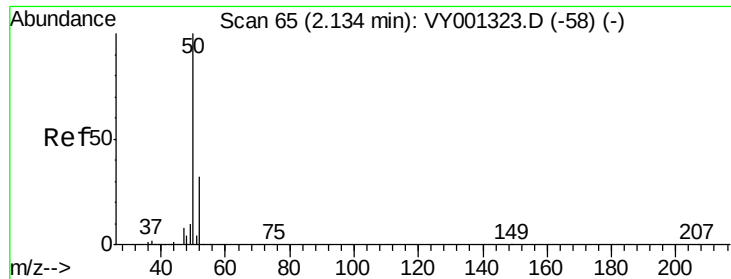
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.866 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 112556

Ion Ratio Lower Upper

50 100

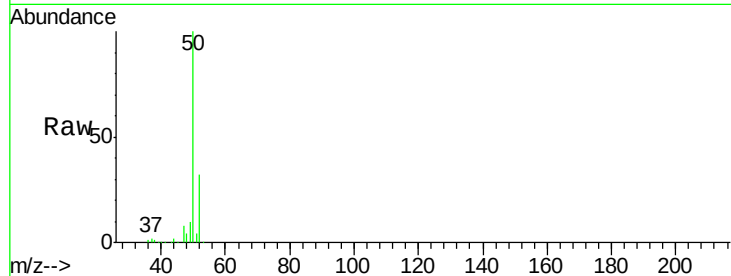
52 32.4 25.7 38.5

Manual Integrations

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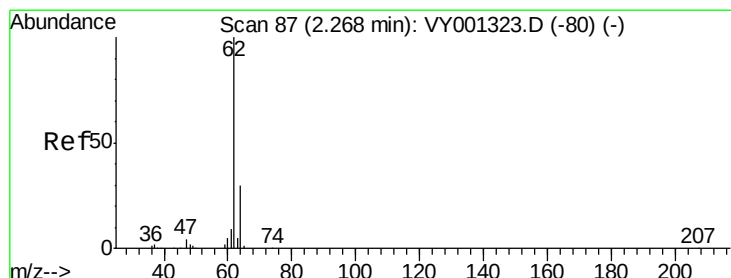
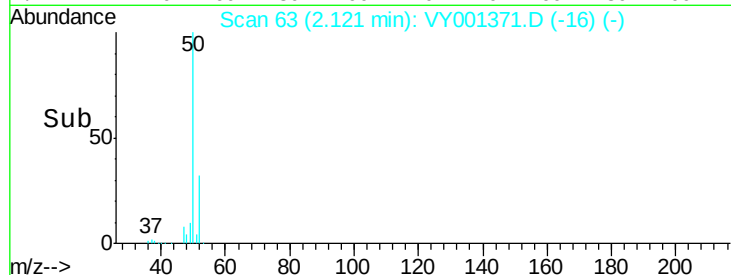
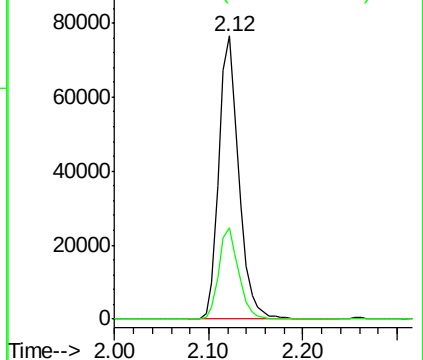
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.713 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001371.D

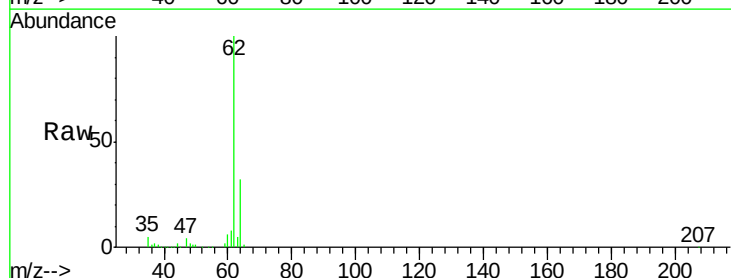
Acq: 24 Jan 2020 10:40

Tgt Ion: 62 Resp: 119397

Ion Ratio Lower Upper

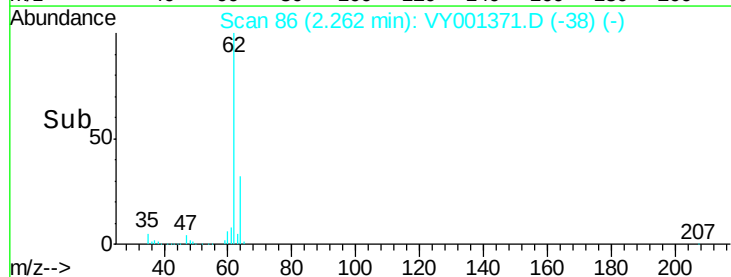
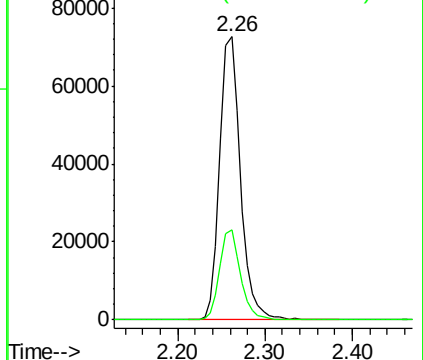
62 100

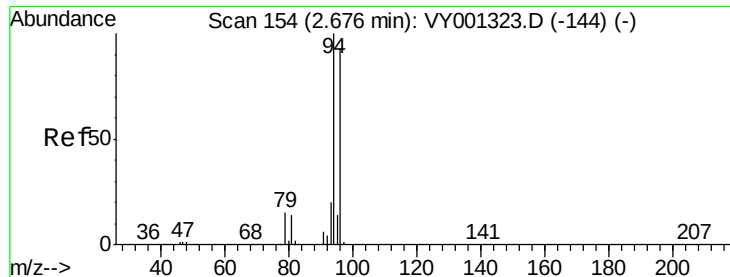
64 32.0 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 48.008 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 77654

Ion Ratio Lower Upper

94 100

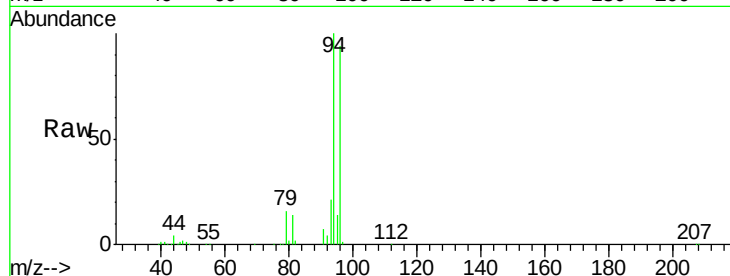
96 93.5 74.6 111.8

Manual Integrations

APPROVED

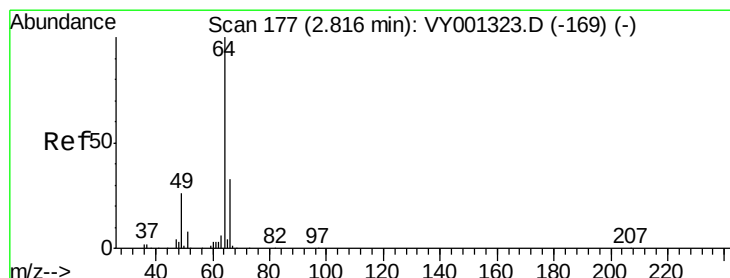
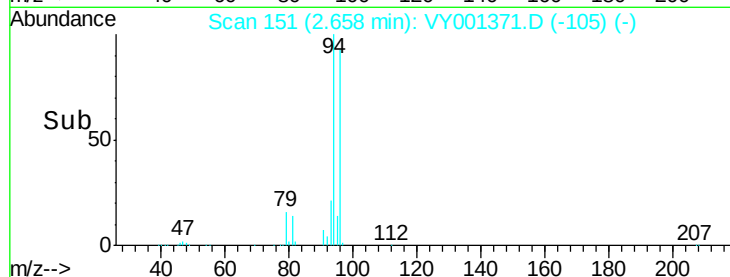
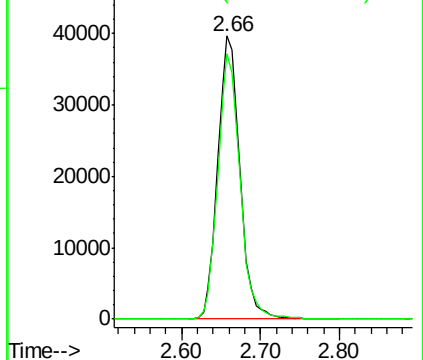
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.623 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001371.D

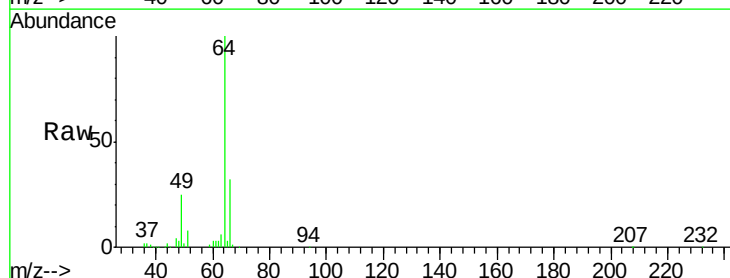
Acq: 24 Jan 2020 10:40

Tgt Ion: 64 Resp: 77690

Ion Ratio Lower Upper

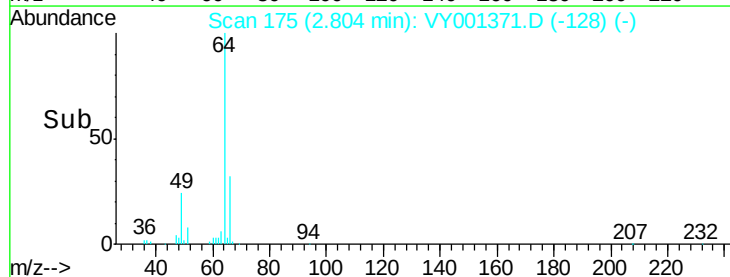
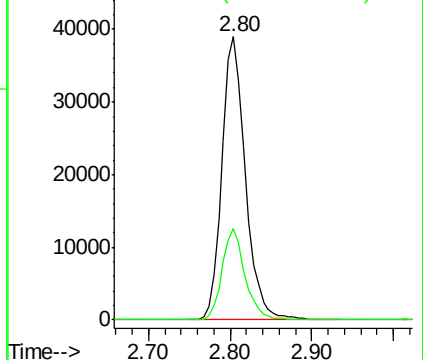
64 100

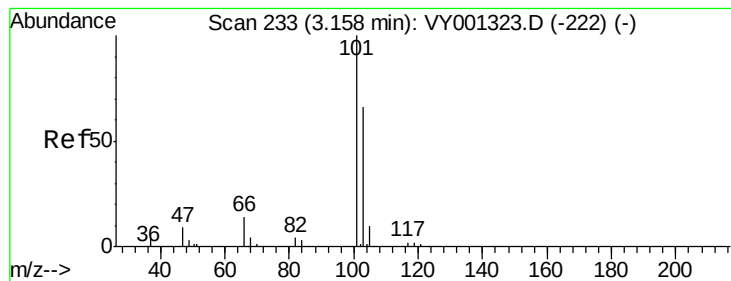
66 32.2 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

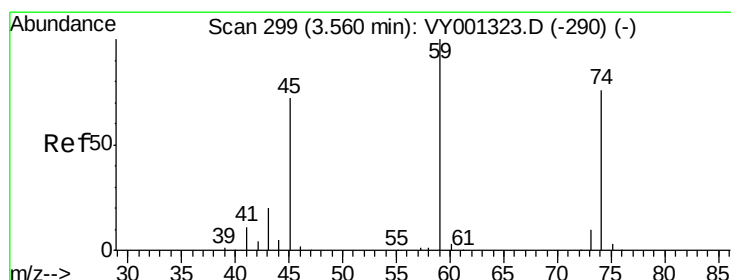
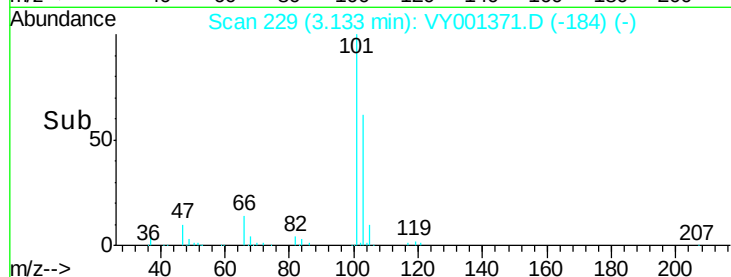
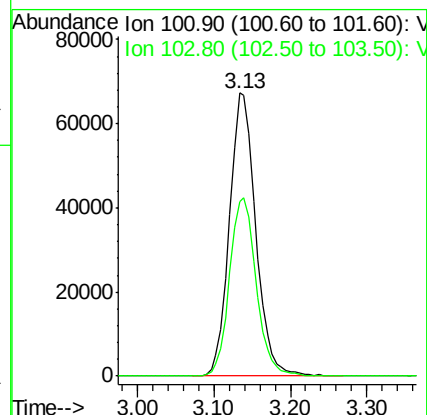
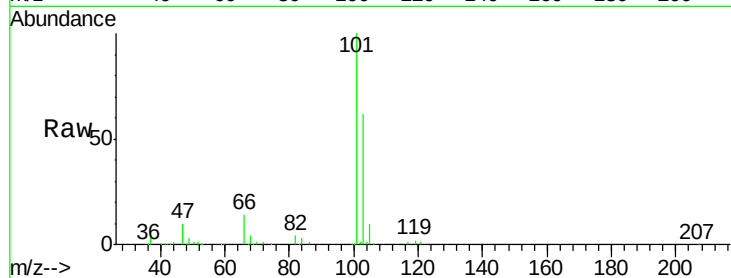
Trichlorofluoromethane
Concen: 52.021 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	52.5	78.7

Manual Integrations
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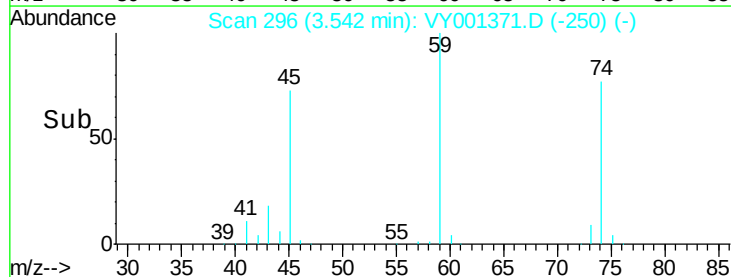
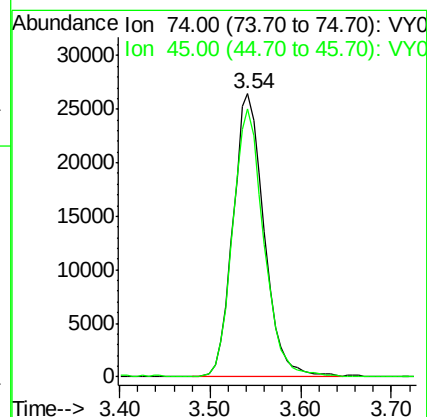
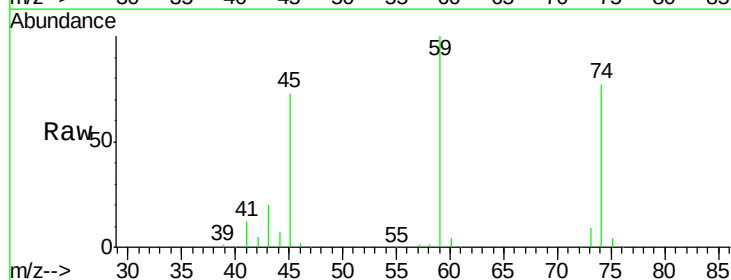
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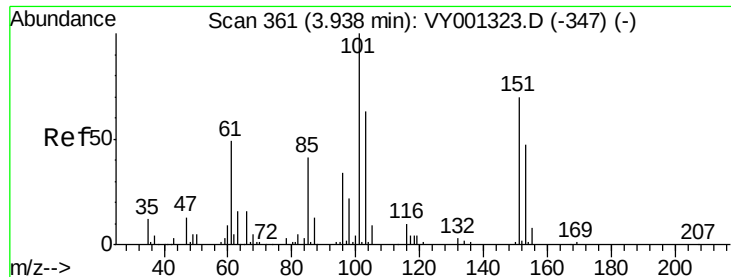


#8

Diethyl Ether
Concen: 48.397 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.788 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

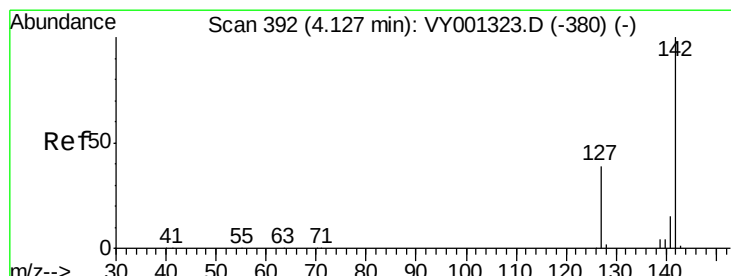
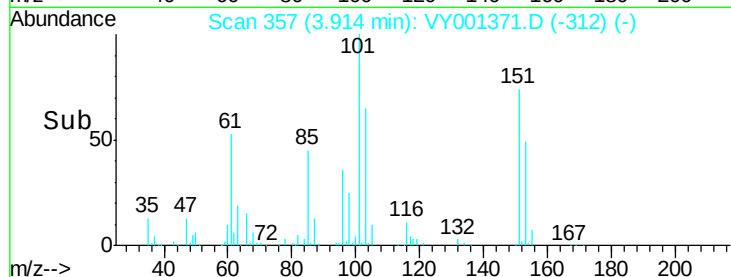
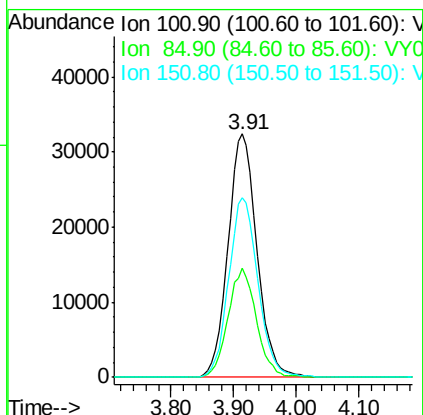
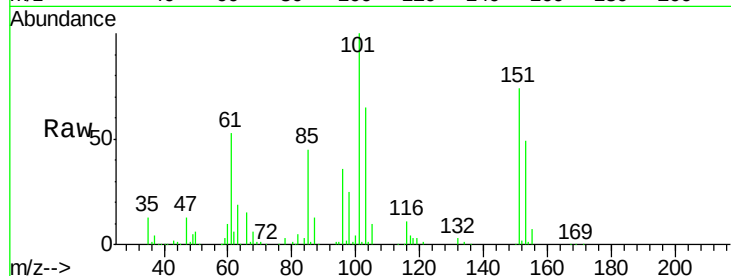
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	103304
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.9	52.3
151	75.0	59.9	89.9

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#10

Methyl Iodide

Concen: 50.206 ug/l

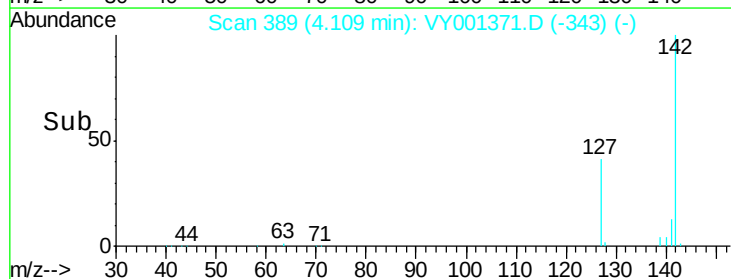
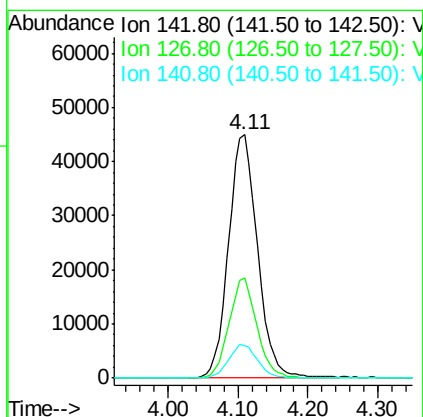
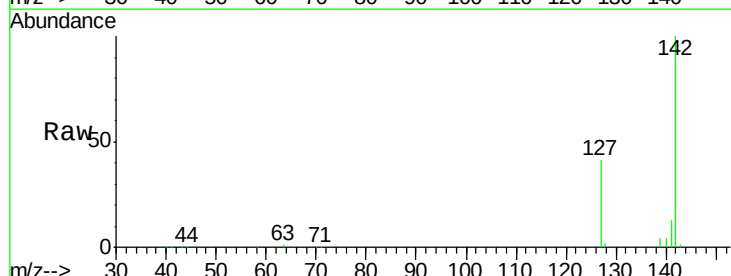
RT: 4.11 min Scan# 389

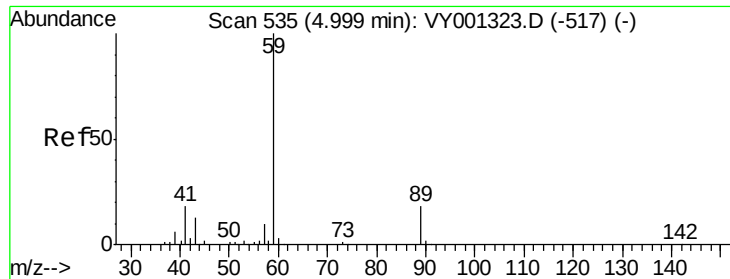
Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Tgt Ion:	142	Resp:	129585
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.6	47.4
141	13.6	11.2	16.8





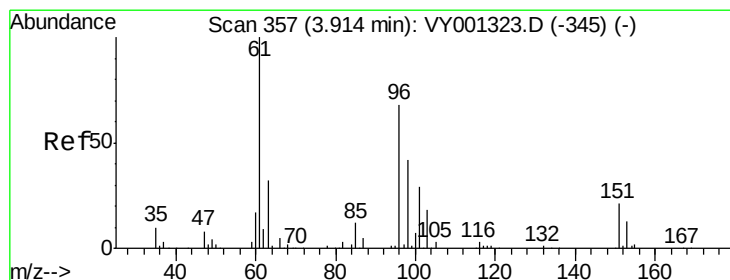
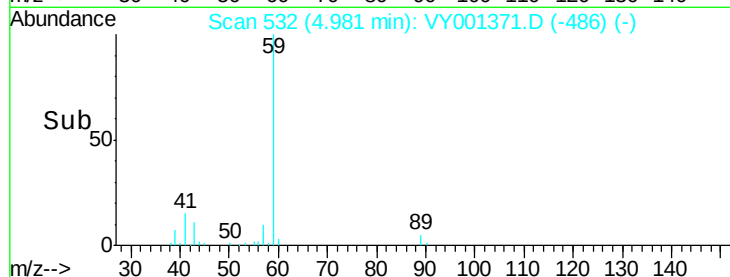
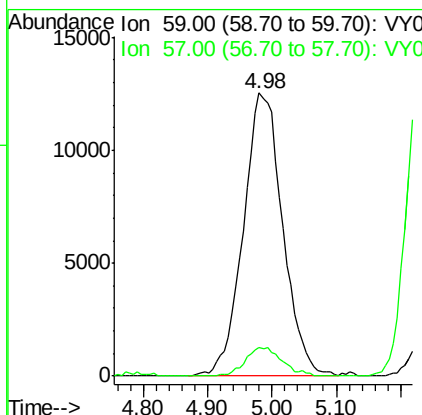
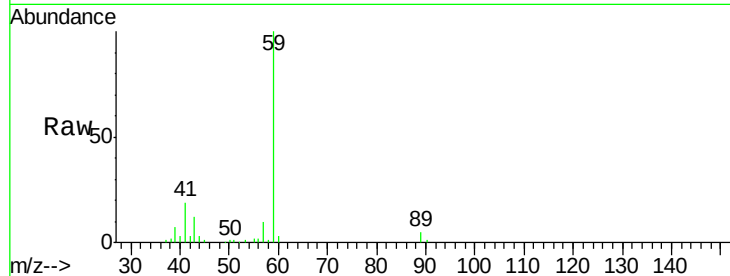
#11
Tert butyl alcohol
Concen: 195.910 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.4	11.2

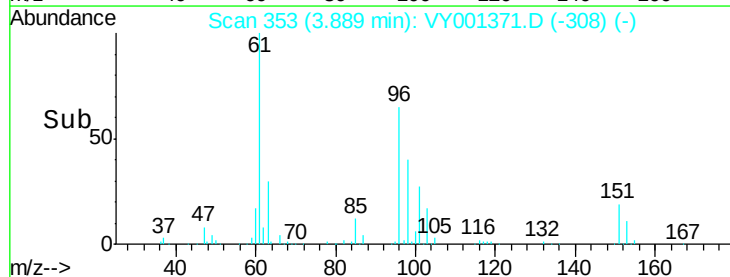
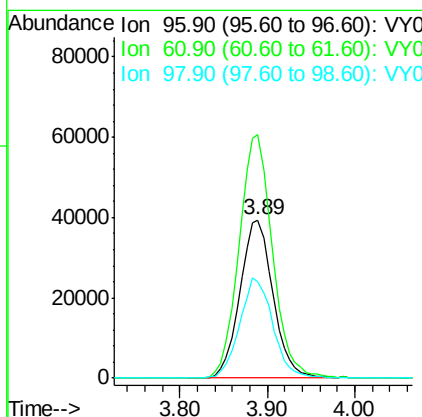
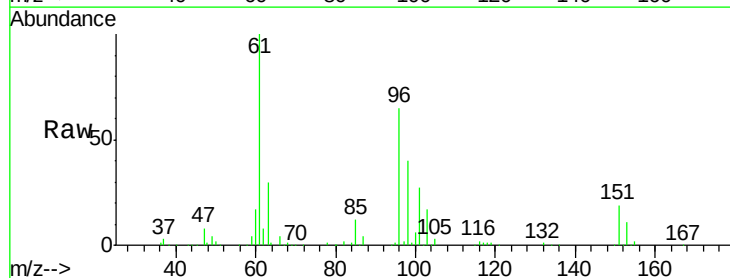
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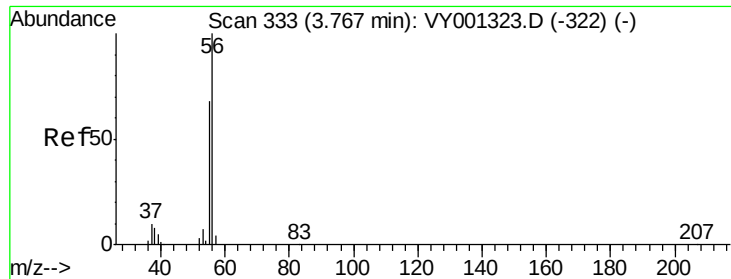
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.622 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	118.0	177.0
98	60.9	49.4	74.2





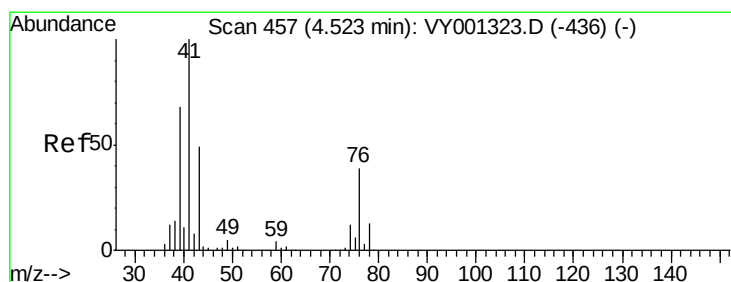
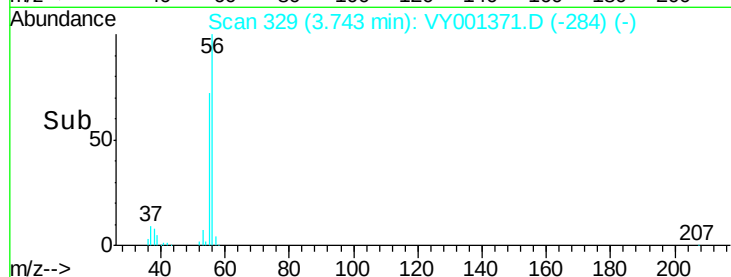
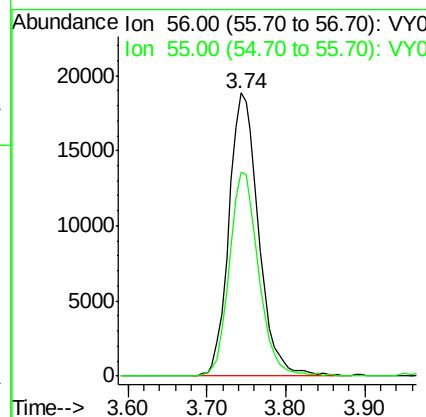
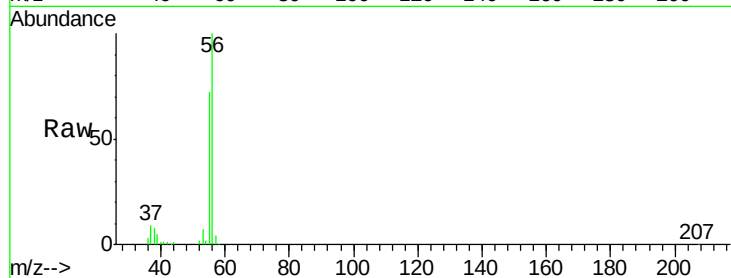
#13
Acrolein
Concen: 319.151 ug/l
RT: 3.74 min Scan# 329
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.1	55.9	83.9

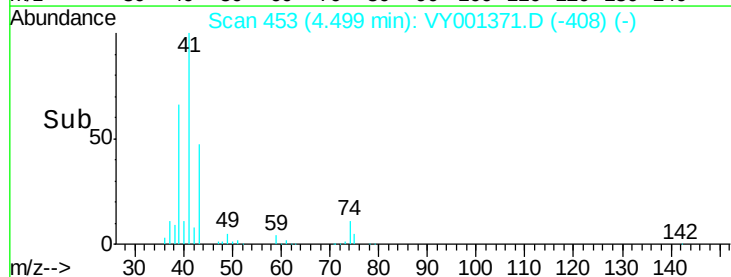
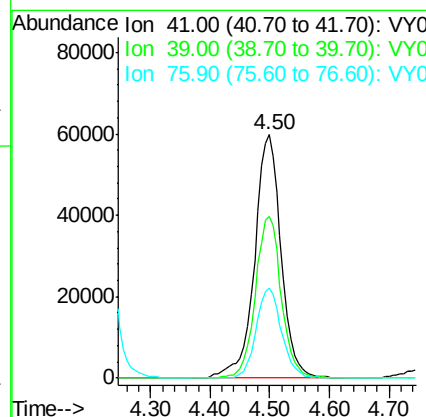
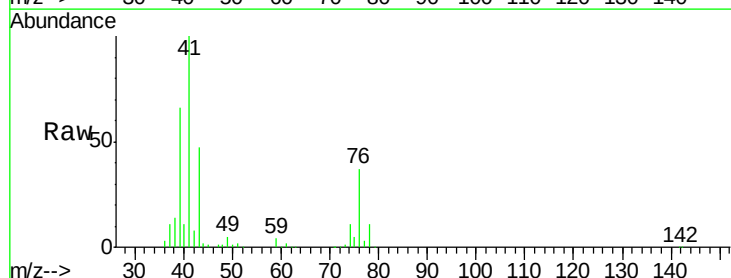
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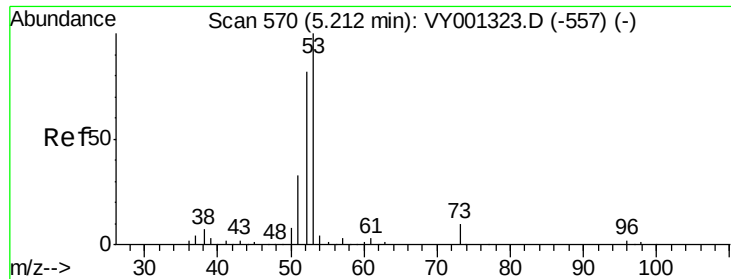
MMDadoda
1/27/2020 12:01:55 PM



#14
Allyl chloride
Concen: 50.353 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	65.3	52.2	78.4
76	76	35.6	29.1	43.7





#15

Acrylonitrile

Concen: 246.754 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

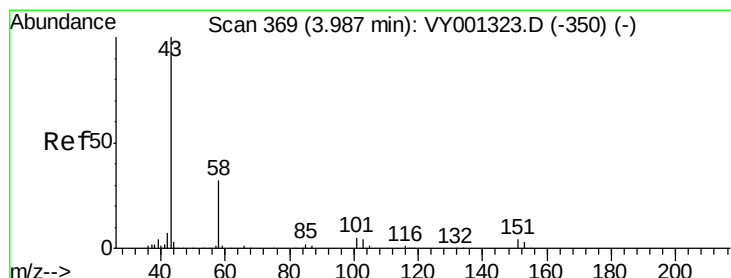
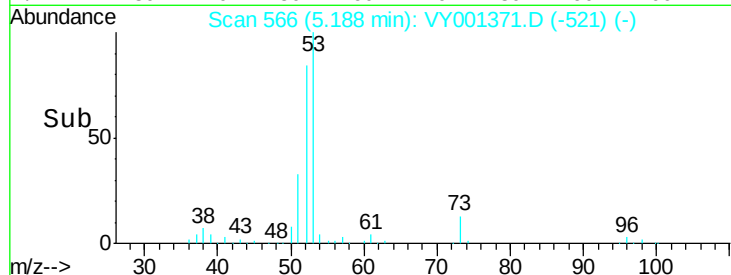
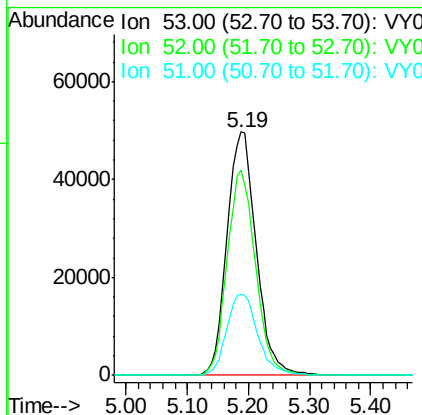
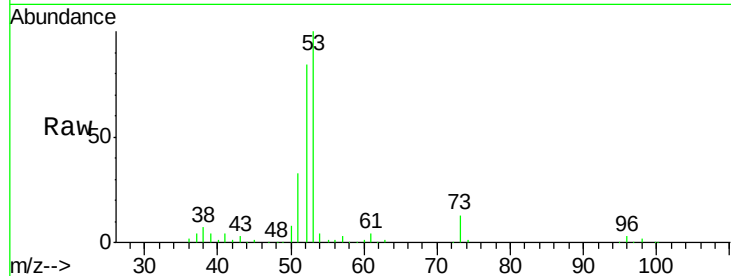
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	163847
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.3	97.9
51	35.5	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 279.679 ug/l

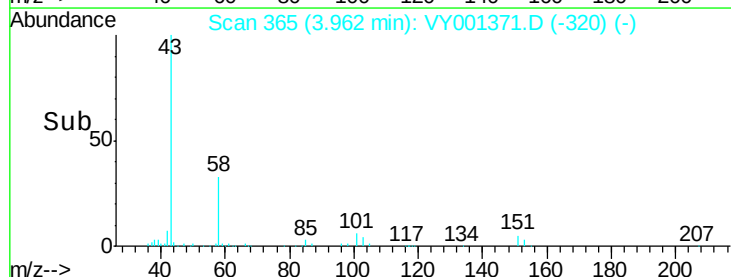
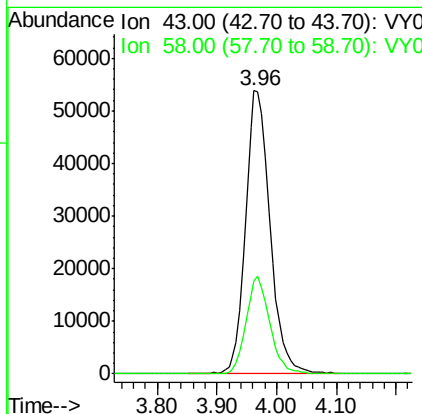
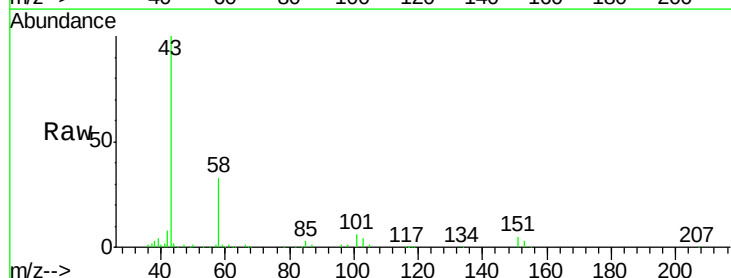
RT: 3.96 min Scan# 365

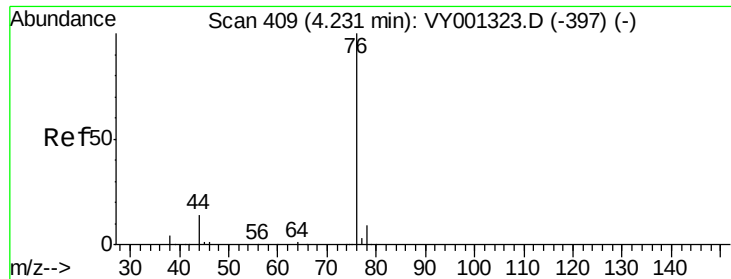
Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Tgt Ion:	43	Resp:	154432
Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.4	38.0





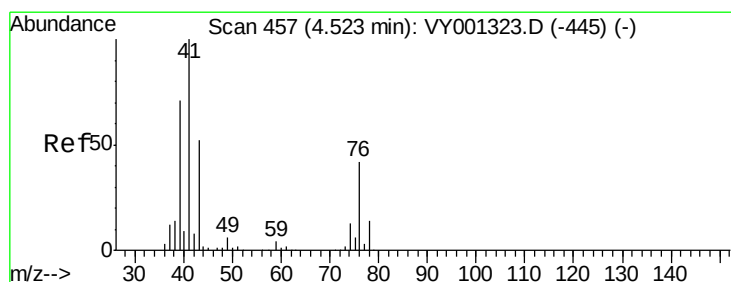
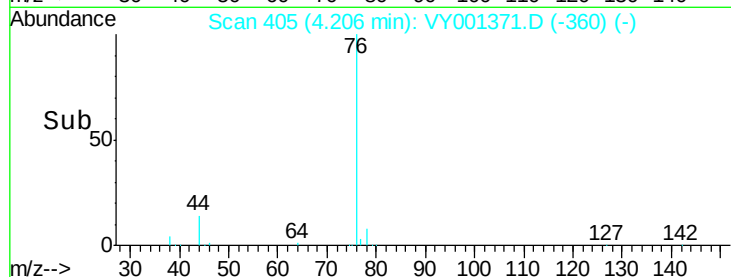
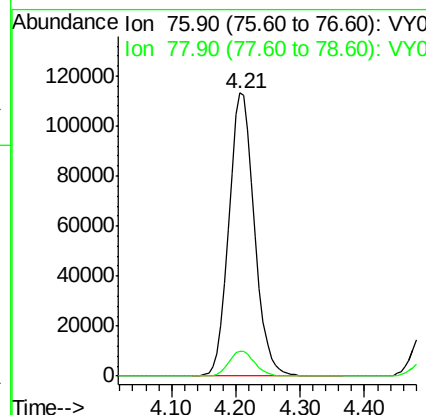
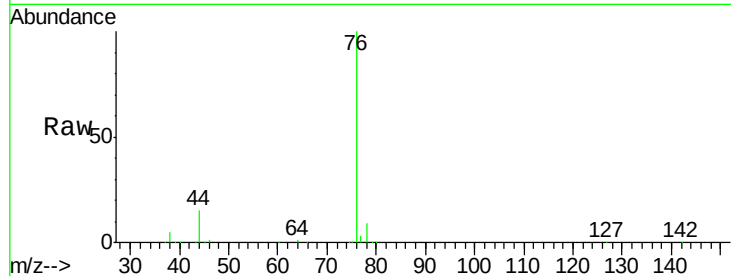
#17
Carbon Disulfide
Concen: 49.012 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

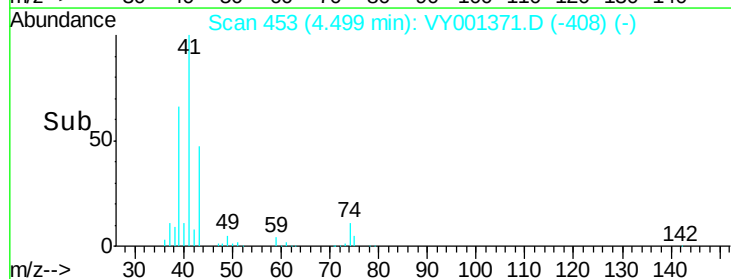
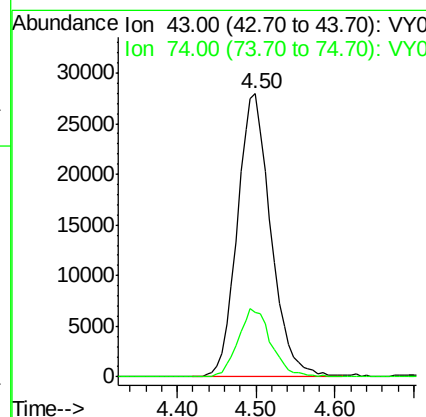
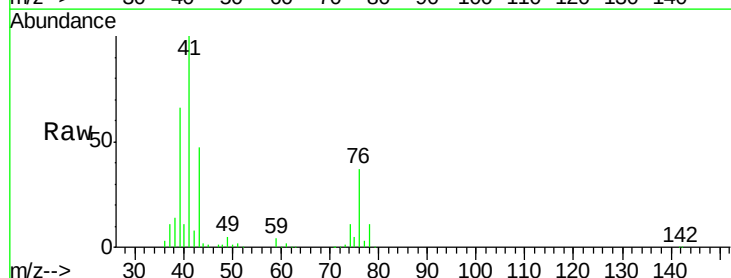
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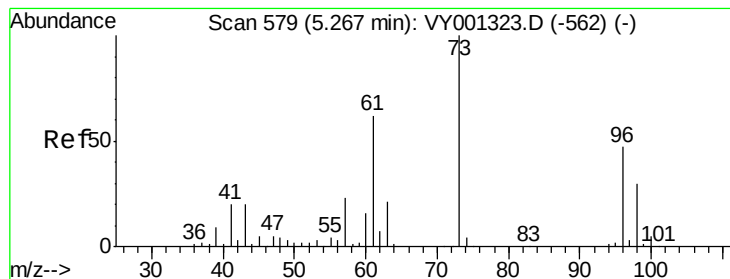
MMDadoda
1/27/2020 12:01:55 PM



#18
Methyl Acetate
Concen: 46.210 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.2





#19

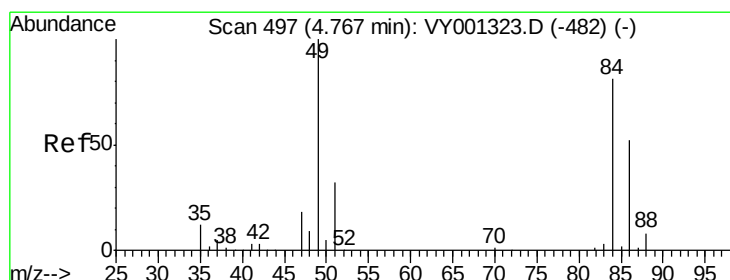
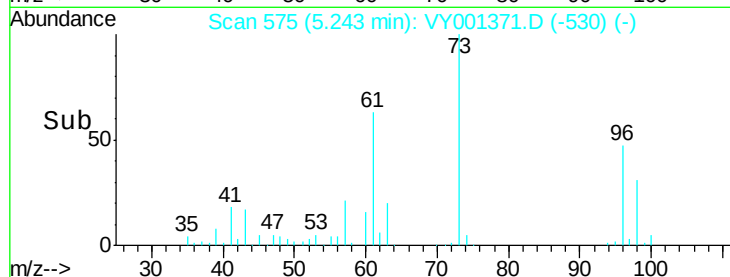
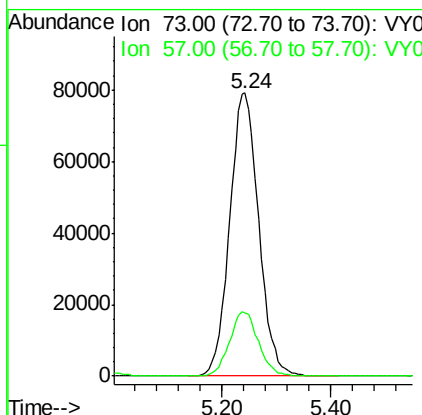
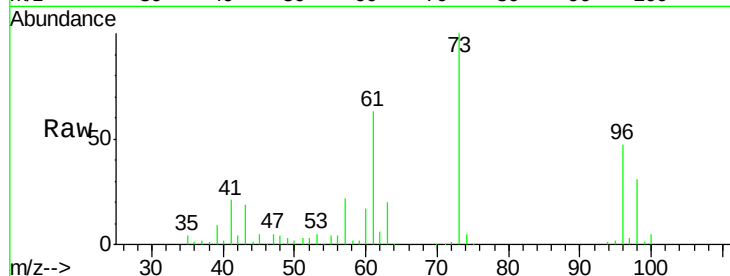
Methyl tert-butyl Ether
 Concen: 48.906 ug/l
 RT: 5.24 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.2	27.2

Manual Integrations
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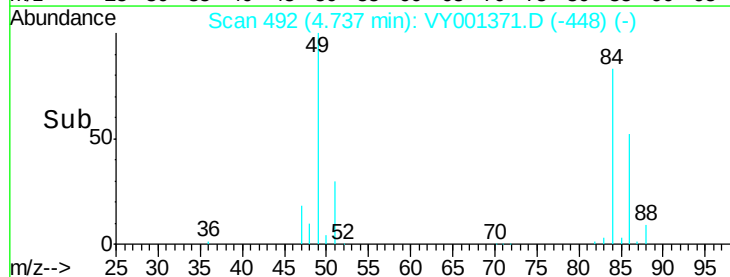
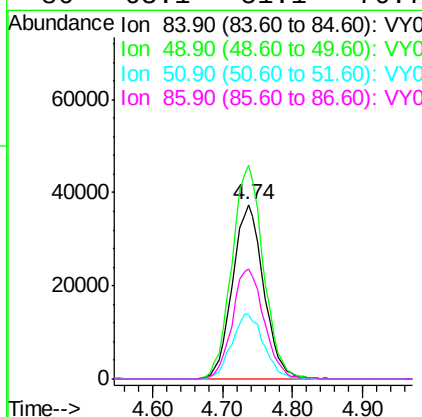
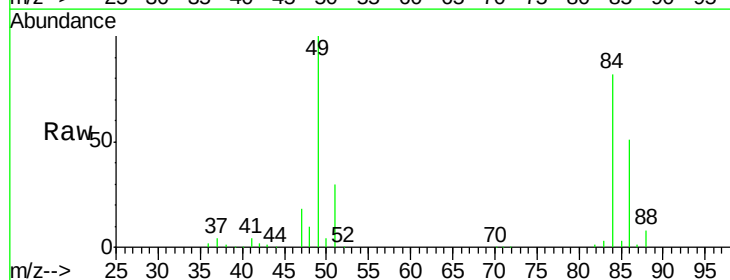
MMDadoda
 1/27/2020 12:01:55 PM

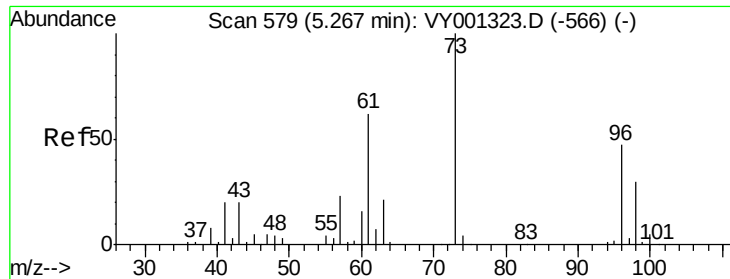


#20

Methylene Chloride
 Concen: 44.199 ug/l
 RT: 4.74 min Scan# 492
 Delta R.T. -0.03 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.6	98.3	147.5
51	36.8	31.6	47.4
86	63.1	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 49.005 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.03 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 116800

Ion Ratio Lower Upper

96 100

61 139.5 106.8 160.2

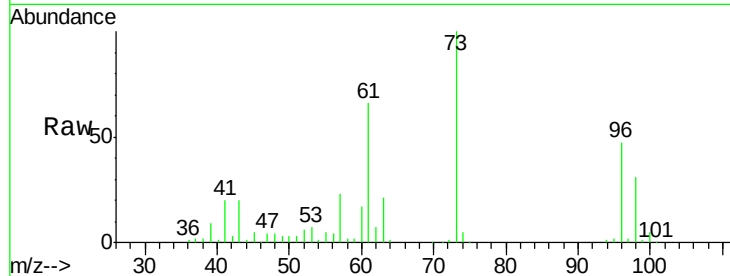
98 64.7 51.0 76.6

Manual Integrations

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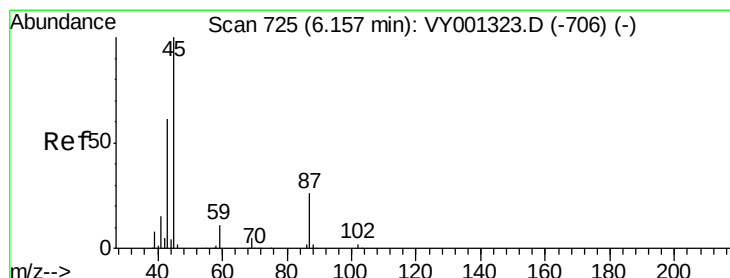
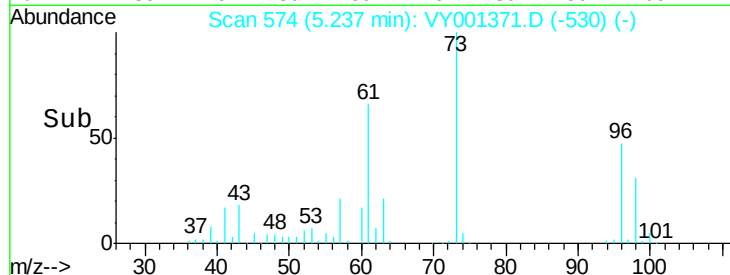
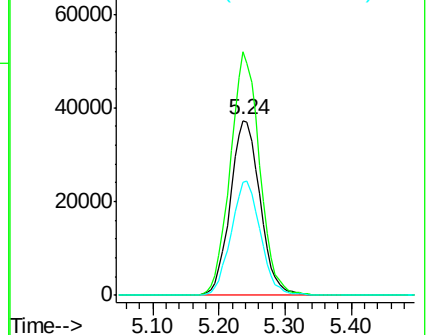
1/27/2020 12:01:55 PM



Abundance Ion 95.90 (95.60 to 96.60): VY001371.D (-530) (-)

Ion 60.90 (60.60 to 61.60): VY001371.D (-530) (-)

Ion 97.90 (97.60 to 98.60): VY001371.D (-530) (-)



#22

Diisopropyl ether

Concen: 49.336 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Tgt Ion: 45 Resp: 383346

Ion Ratio Lower Upper

45 100

43 57.1 49.2 73.8

87 26.0 21.4 32.2

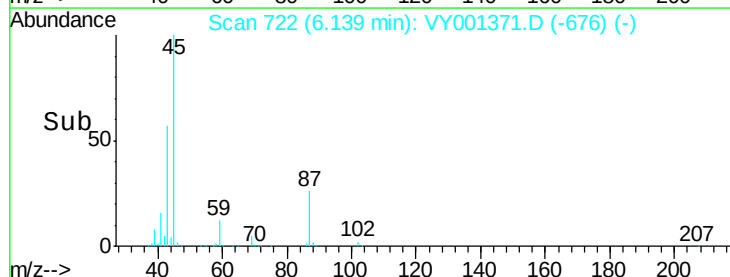
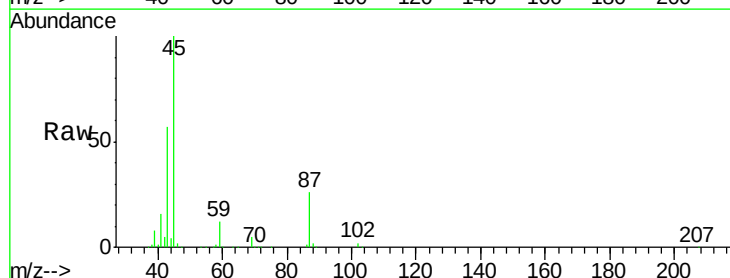
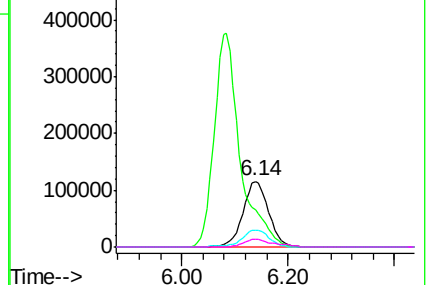
59 11.9 9.3 13.9

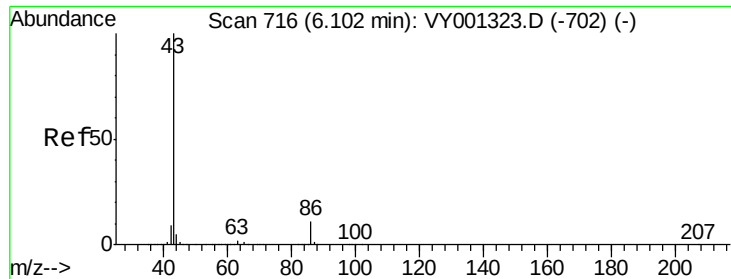
Abundance Ion 45.00 (44.70 to 45.70): VY001371.D (-676) (-)

Ion 43.00 (42.70 to 43.70): VY001371.D (-676) (-)

Ion 87.00 (86.70 to 87.70): VY001371.D (-676) (-)

Ion 59.00 (58.70 to 59.70): VY001371.D (-676) (-)





#23

Vinyl Acetate

Concen: 251.105 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1266675

Ion Ratio Lower Upper

43 100

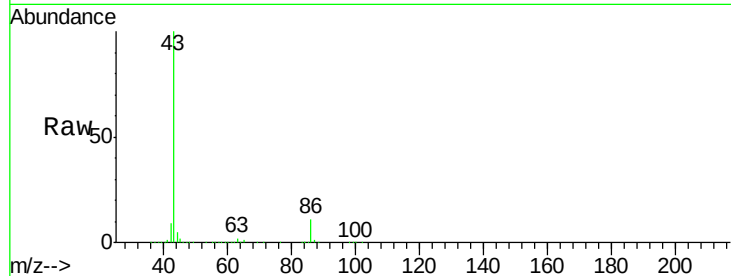
86 10.6 8.6 13.0

Manual Integrations

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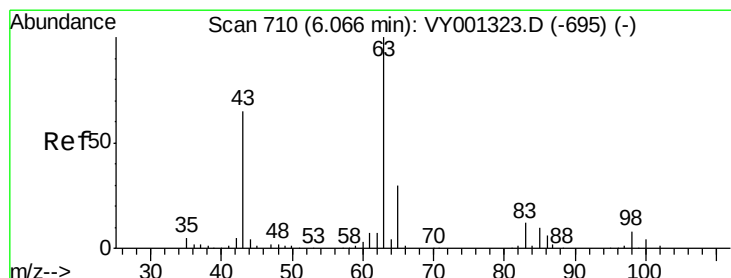
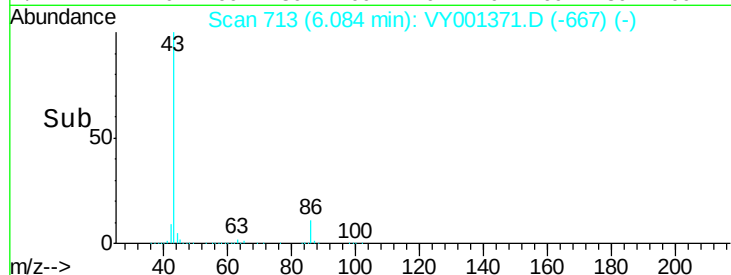
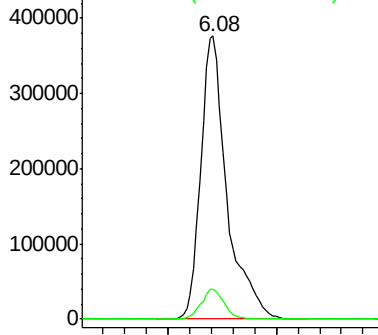
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.497 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

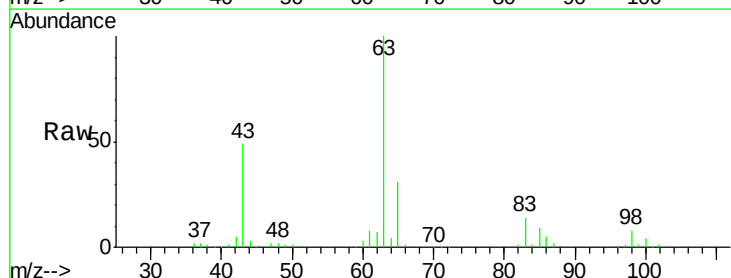
Tgt Ion: 63 Resp: 202719

Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.0

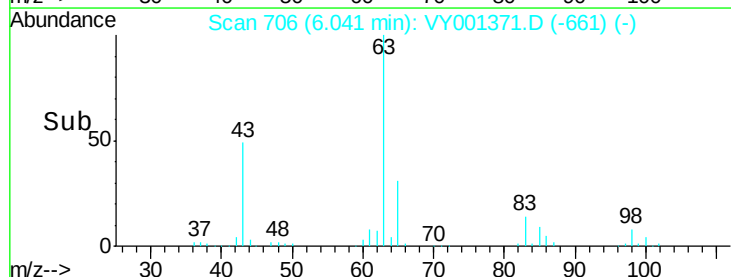
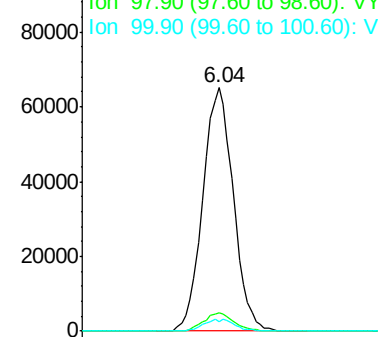
100 3.8 2.1 6.3

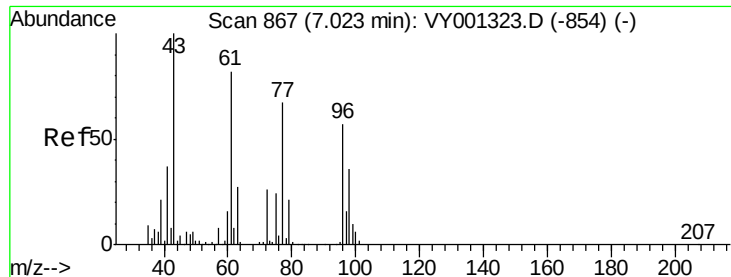


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 253.062 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 231624

Ion Ratio Lower Upper

43 100

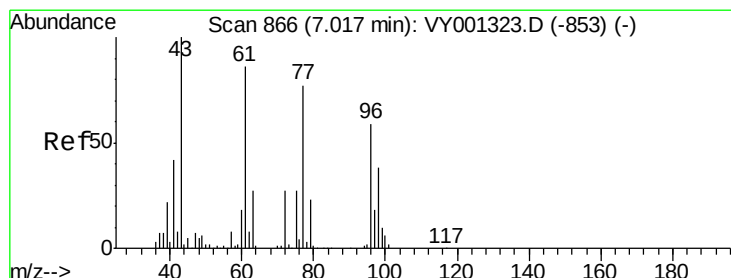
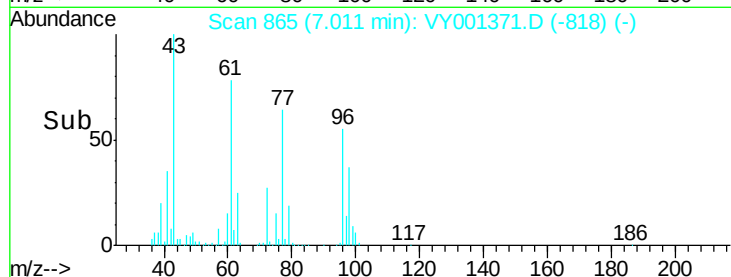
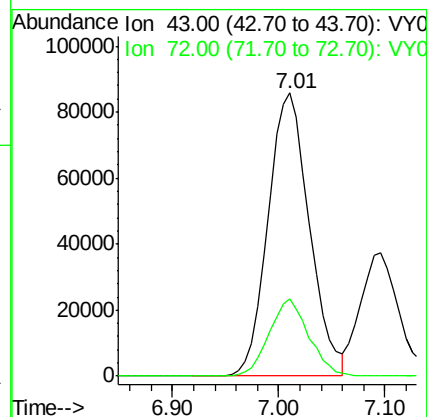
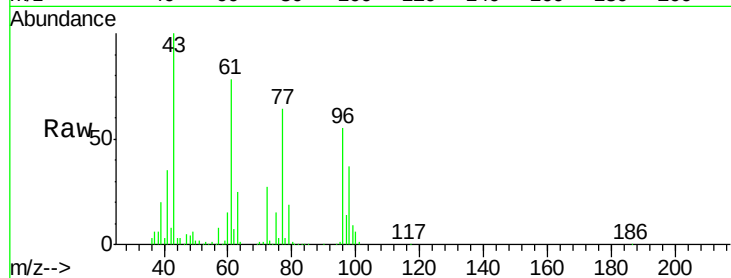
72 27.3 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 49.086 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001371.D

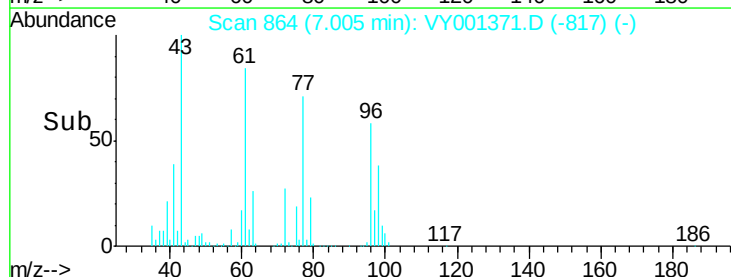
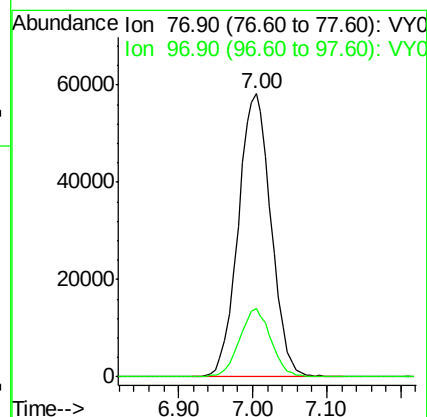
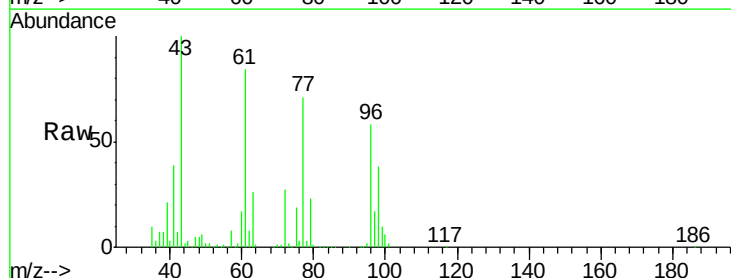
Acq: 24 Jan 2020 10:40

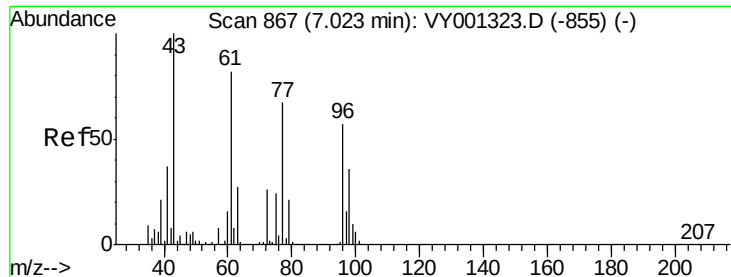
Tgt Ion: 77 Resp: 179074

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5





#27

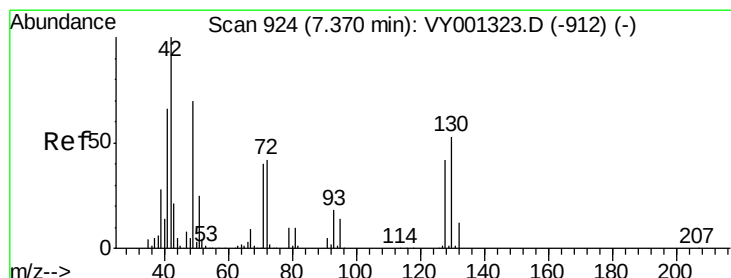
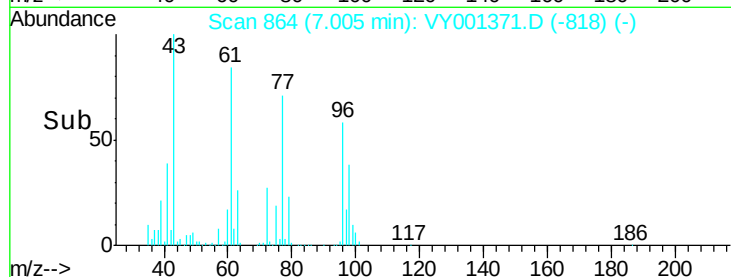
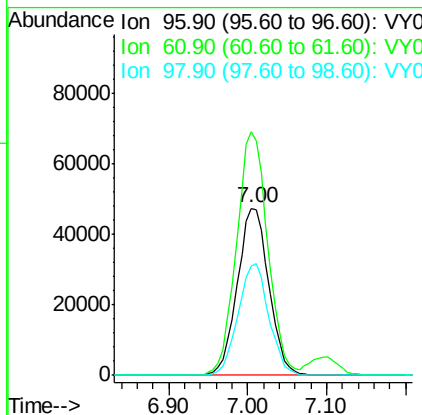
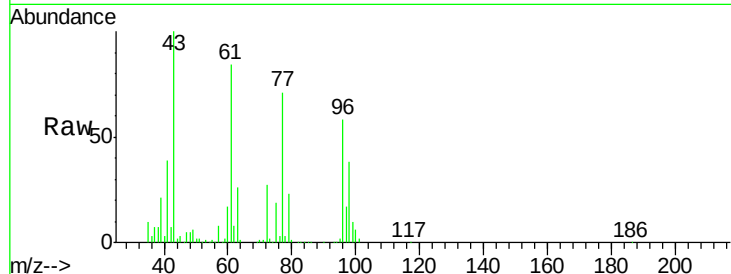
cis-1,2-Dichloroethene
 Concen: 49.423 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	131648		
61	144.5	0.0	284.8	
98	65.4	0.0	128.4	

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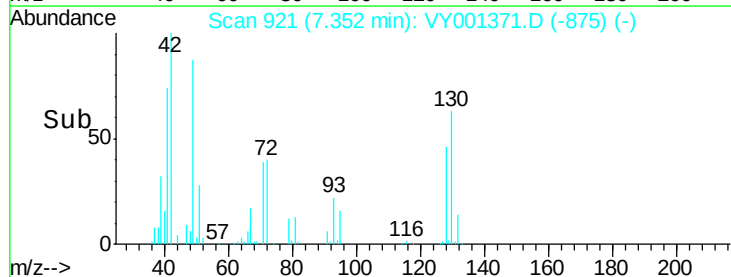
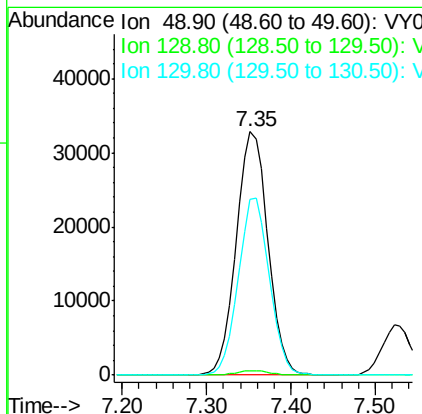
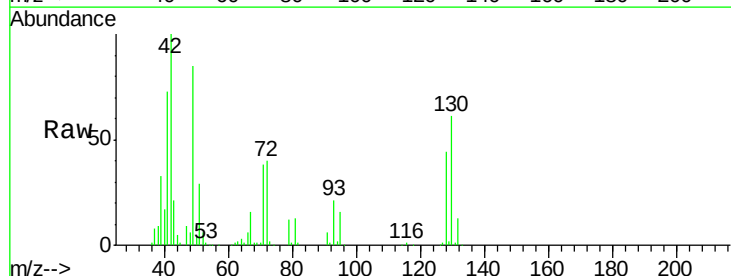
MMDadoda
 1/27/2020 12:01:55 PM

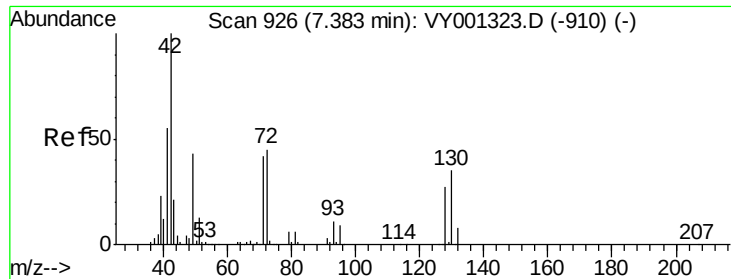


#28

Bromochloromethane
 Concen: 49.512 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83627		
129	2.0	0.0	4.0	
130	71.1	58.9	88.3	





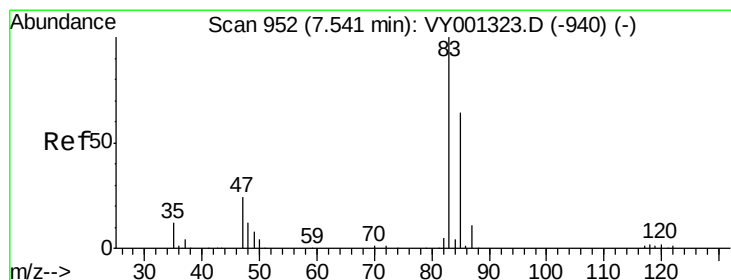
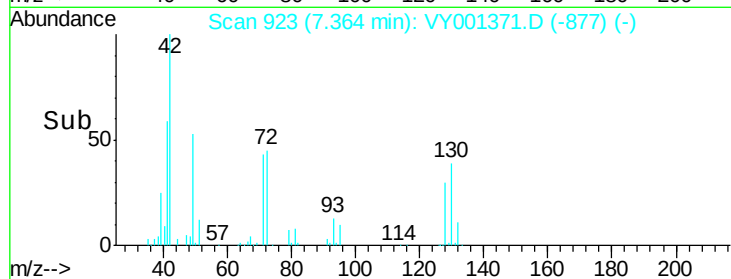
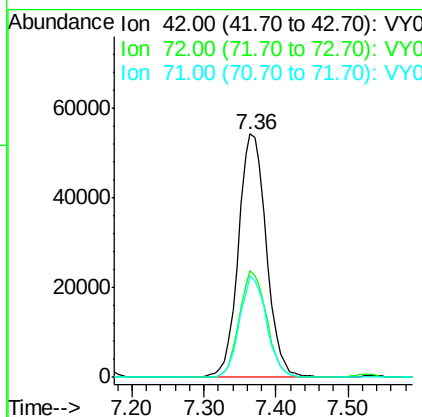
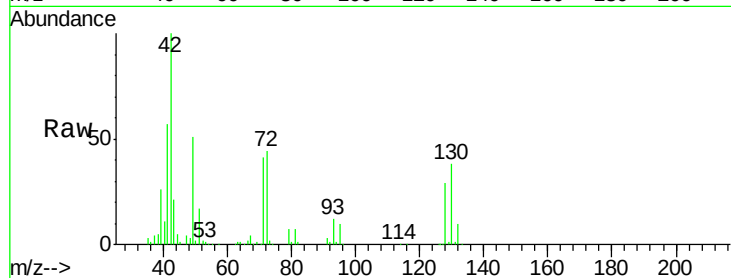
#29
Tetrahydrofuran
Concen: 244.775 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.6	51.8
71	39.8	32.6	48.8

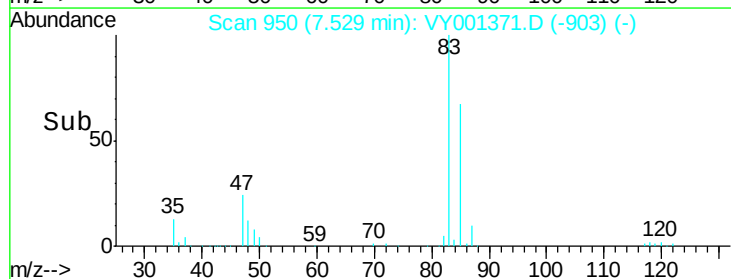
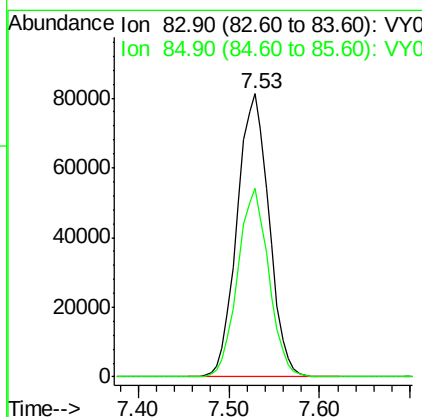
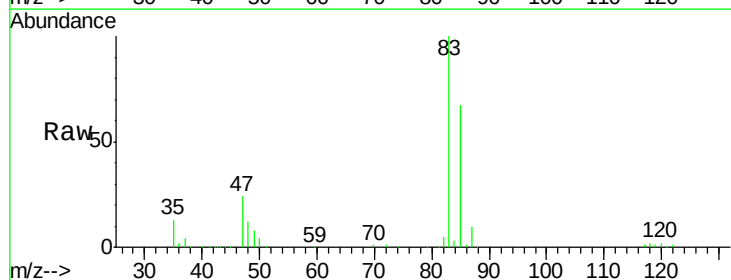
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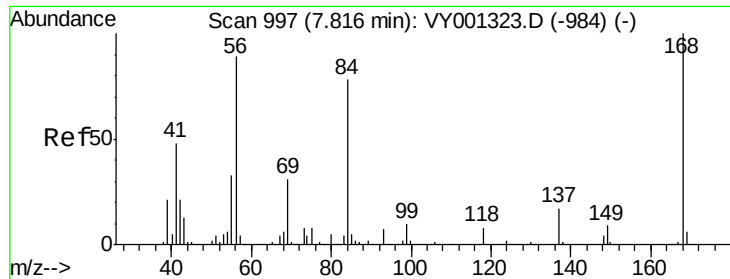
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#30
Chloroform
Concen: 49.419 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.5	77.3





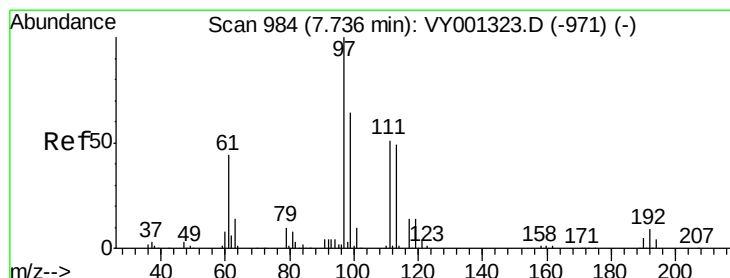
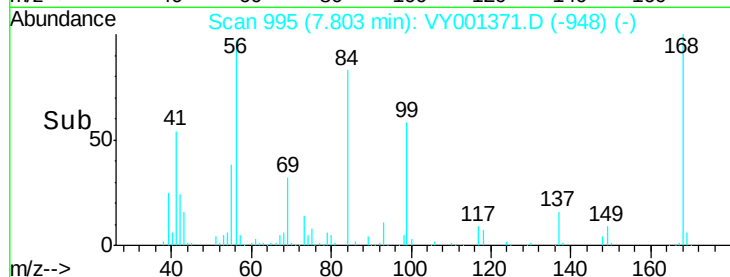
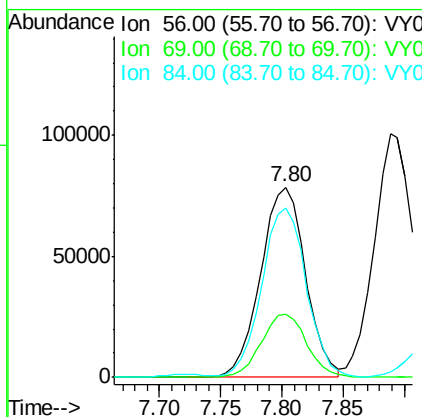
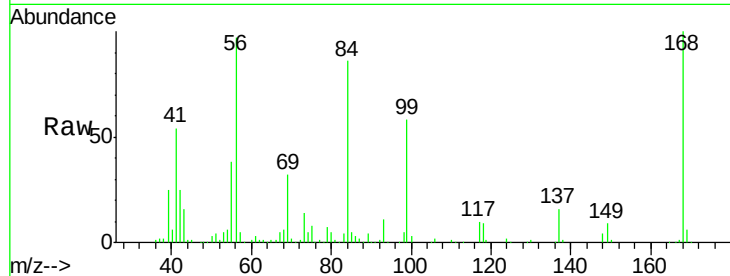
#31
Cyclohexane
Concen: 49.372 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	27.6	41.4
84	87.5	69.7	104.5

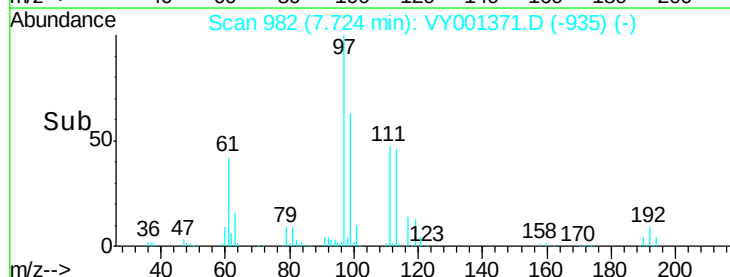
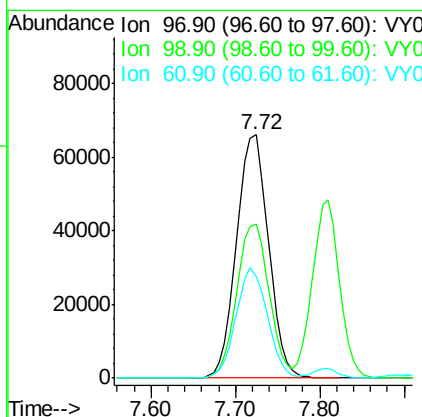
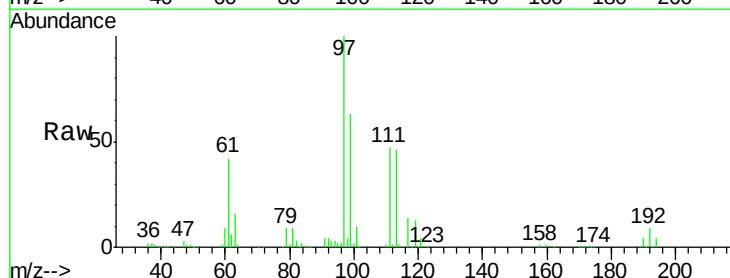
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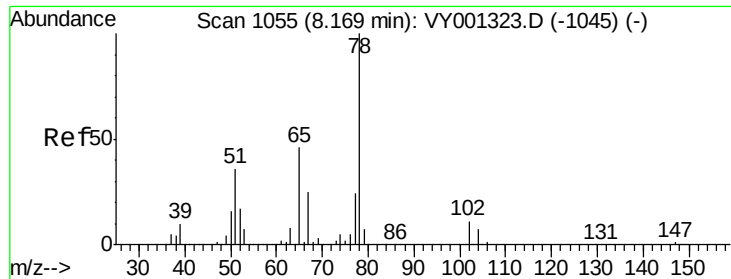
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#32
1,1,1-Trichloroethane
Concen: 50.140 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	44.4	35.9	53.9





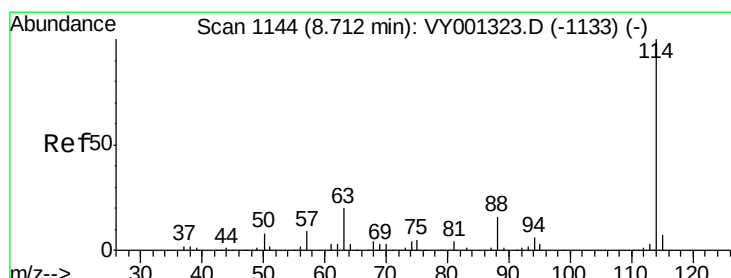
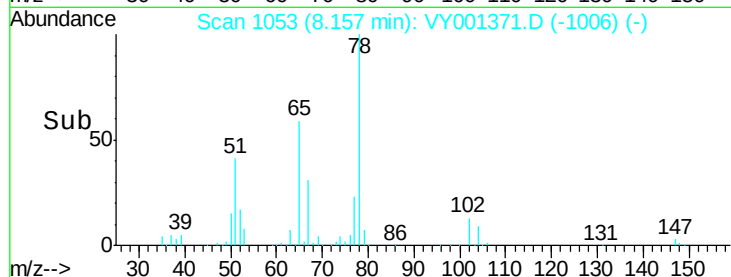
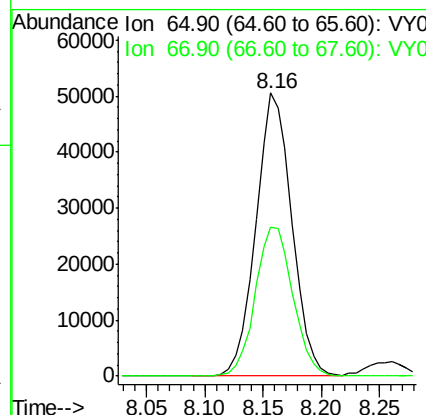
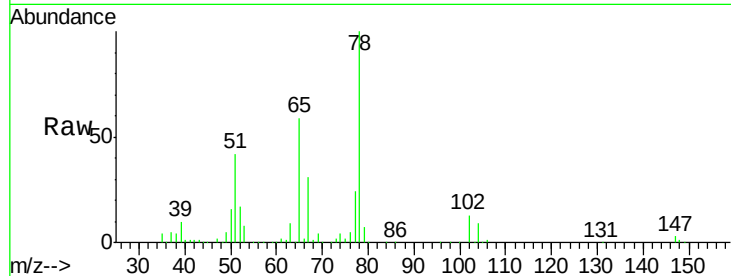
#33
 1,2-Dichloroethane-d4
 Concen: 51.354 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 107990
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.6

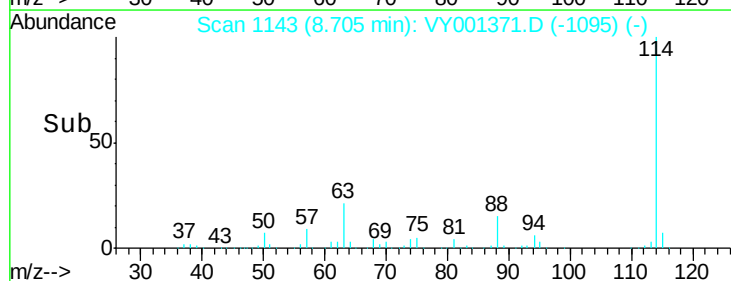
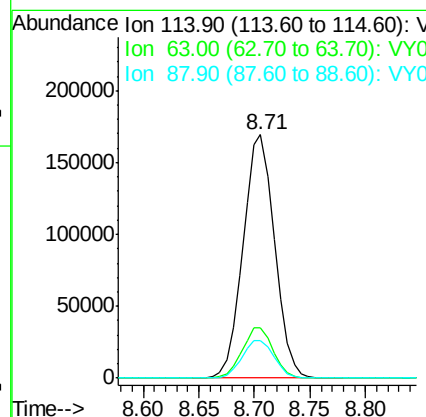
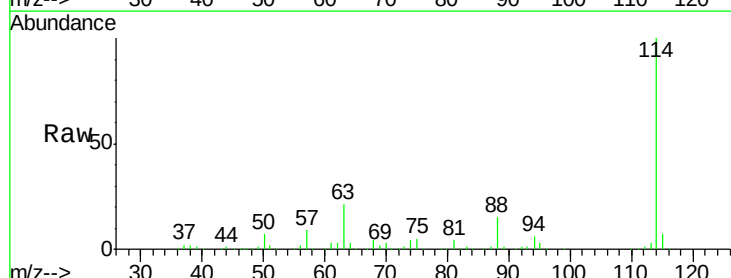
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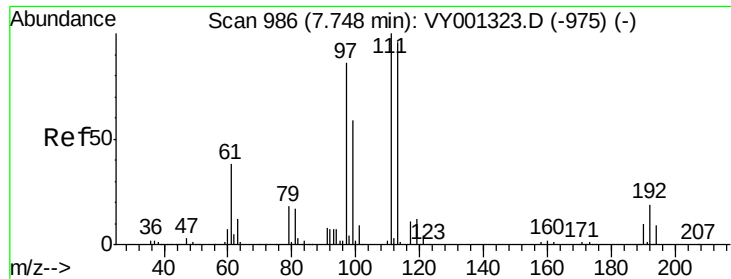
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion: 114 Resp: 332737
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.4 0.0 31.0





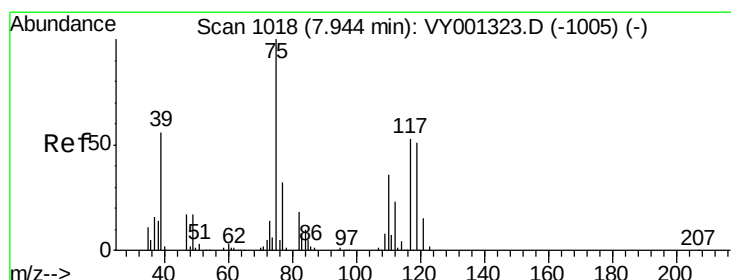
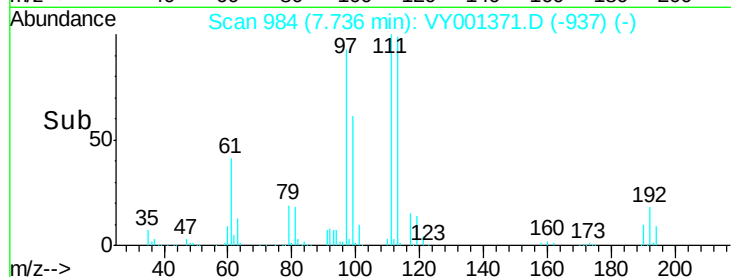
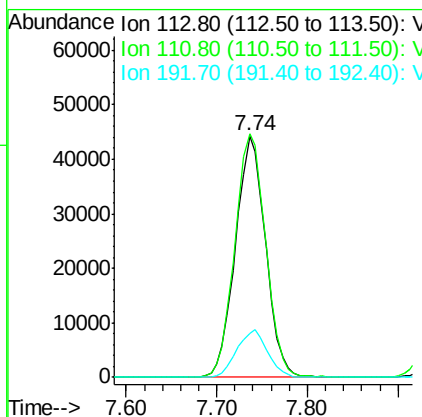
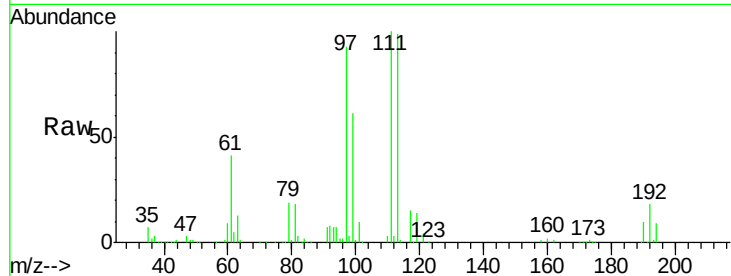
#35
Dibromofluoromethane
Concen: 52.141 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101825		
111	103.5	82.8	124.2	
192	19.8	15.5	23.3	

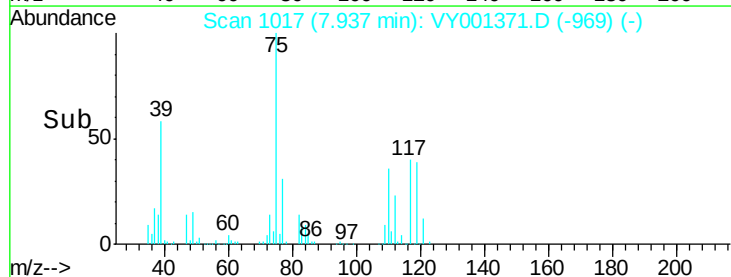
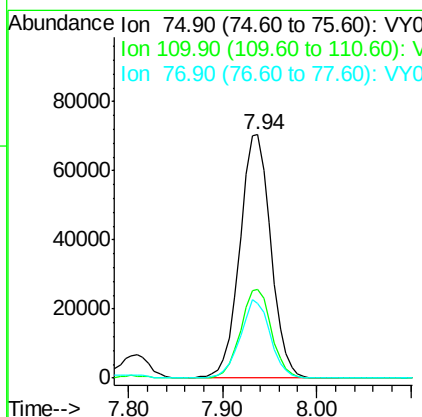
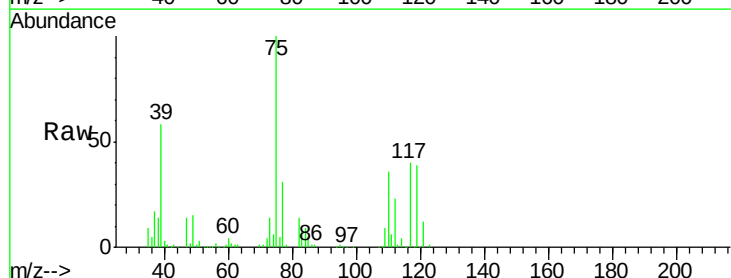
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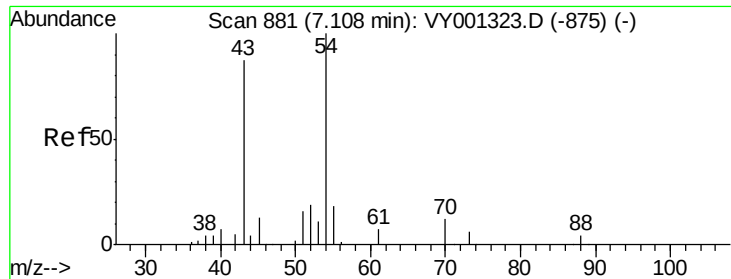
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#36
1,1-Dichloropropene
Concen: 51.715 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	162567		
110	36.3	17.6	52.8	
77	31.1	24.7	37.1	





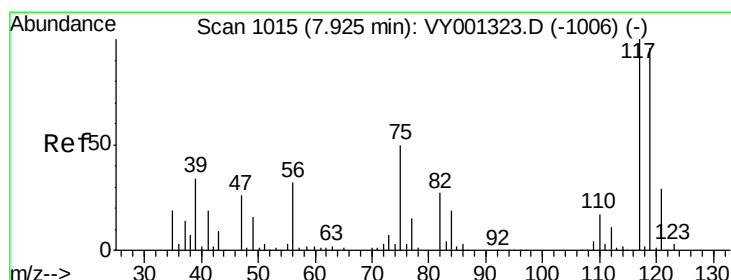
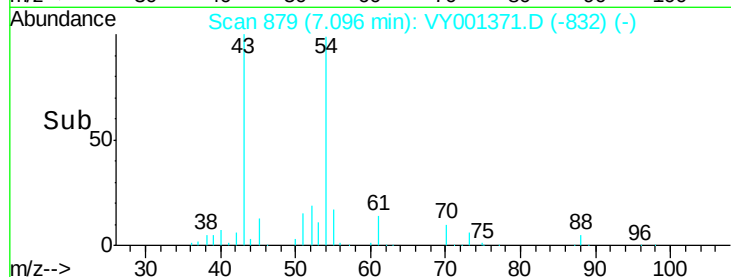
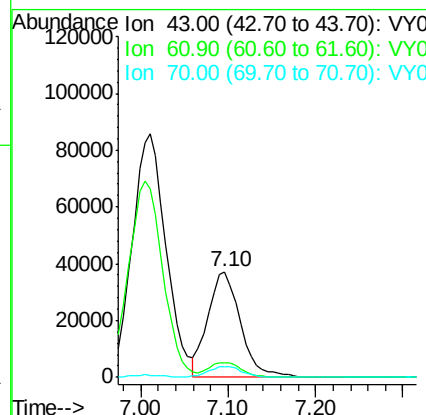
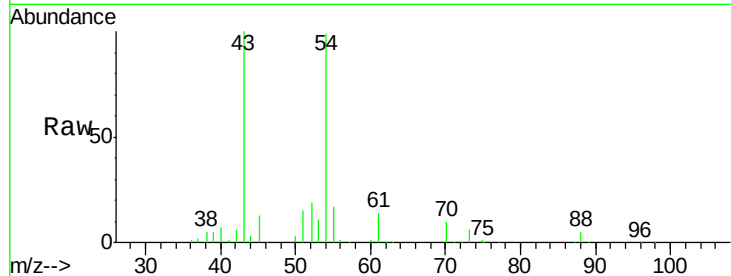
#37
Ethyl Acetate
Concen: 50.149 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	10.9	8.7	13.1

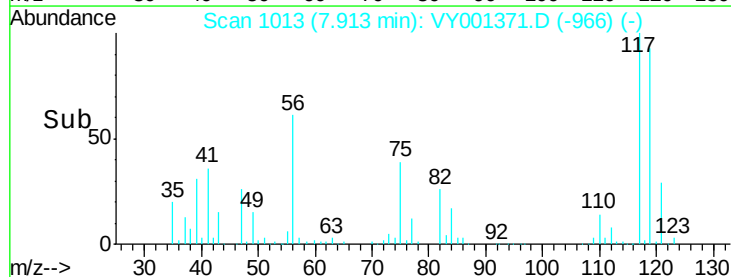
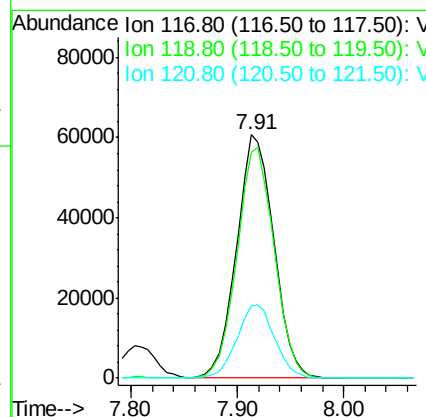
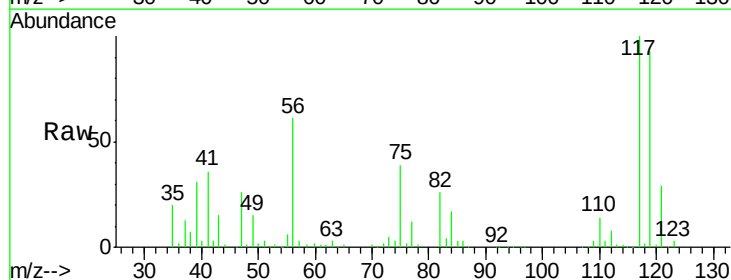
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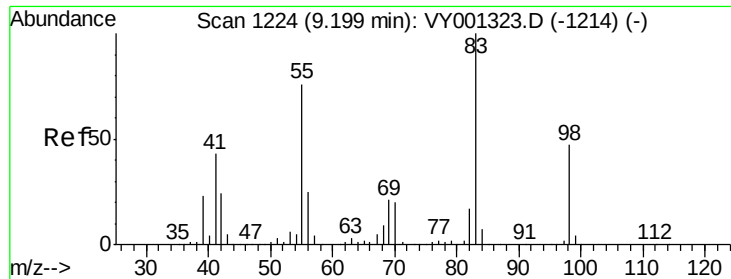
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#38
Carbon Tetrachloride
Concen: 53.257 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.3	114.5
121	29.5	23.5	35.3





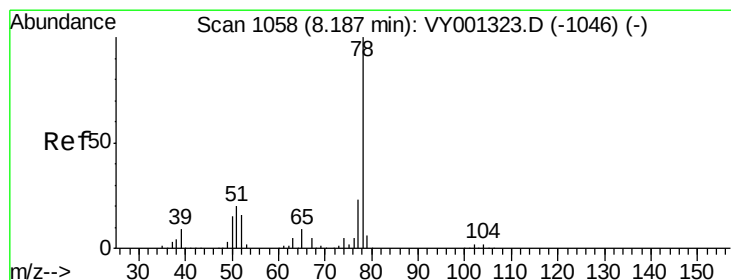
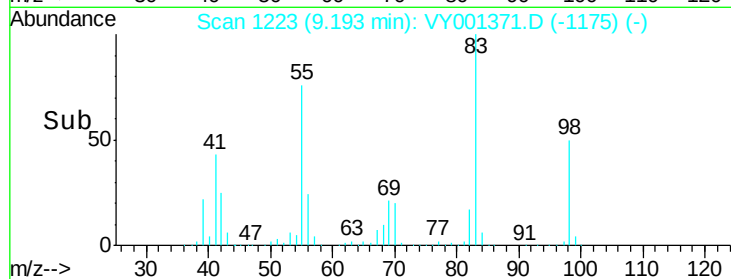
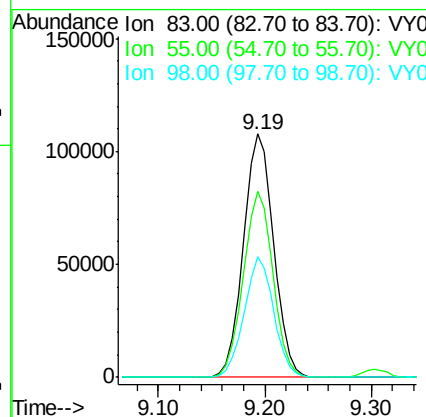
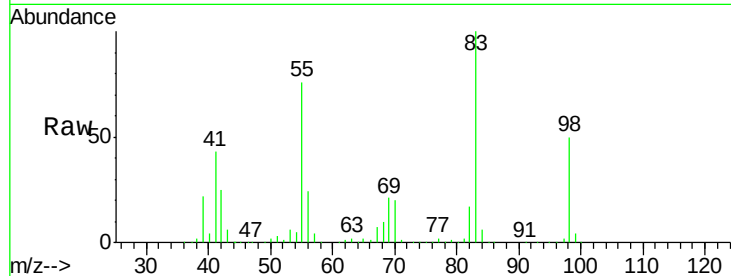
#39
Methylvlcyclohexane
Concen: 53.456 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	215266		
55	76.3		60.7	91.1
98	49.6		37.8	56.8

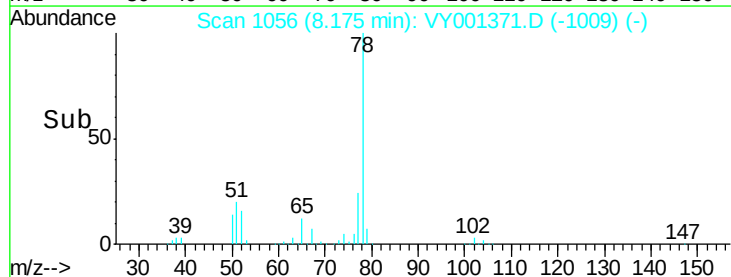
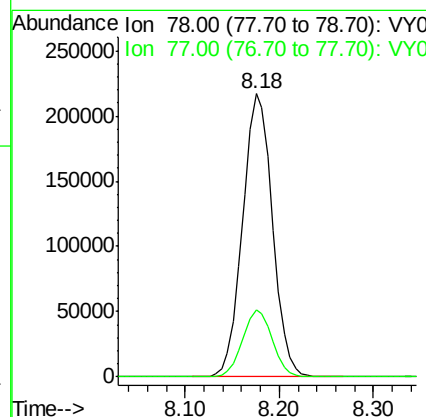
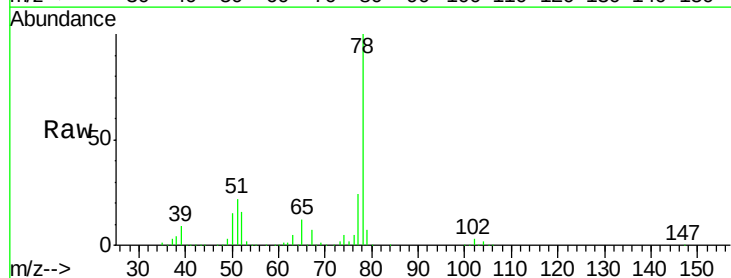
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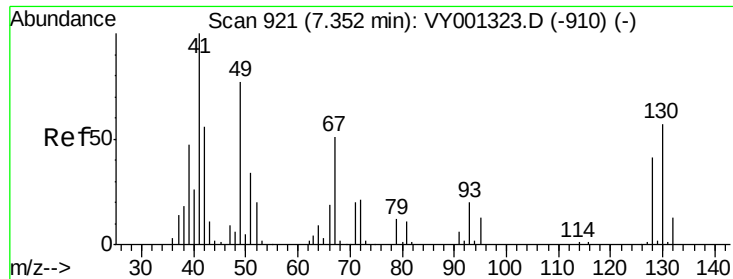
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#40
Benzene
Concen: 50.948 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	480213		
77	23.9		18.6	27.8





#41

Methacrylonitrile

Concen: 50.483 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 50034
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

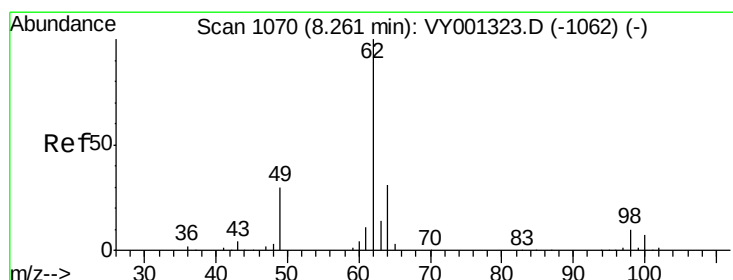
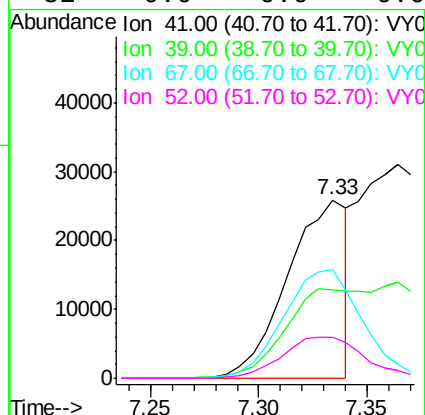
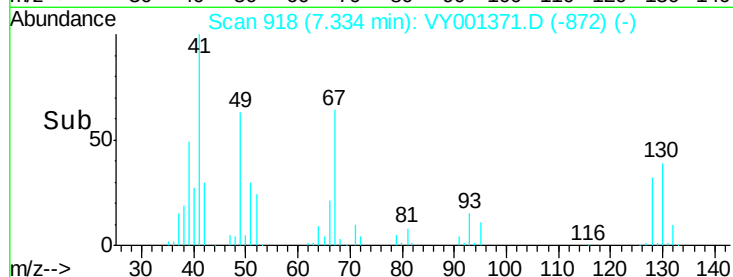
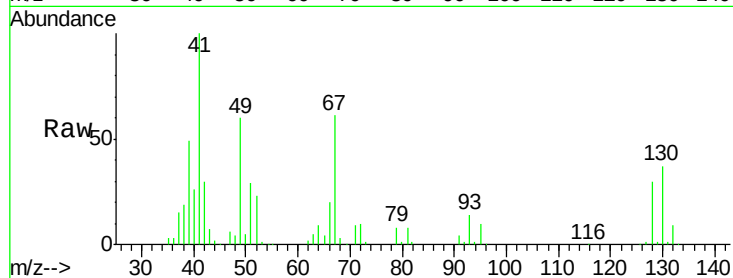
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.983 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

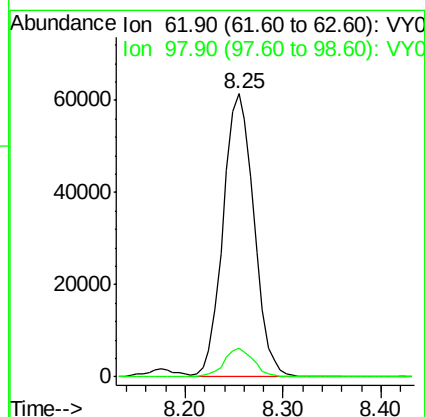
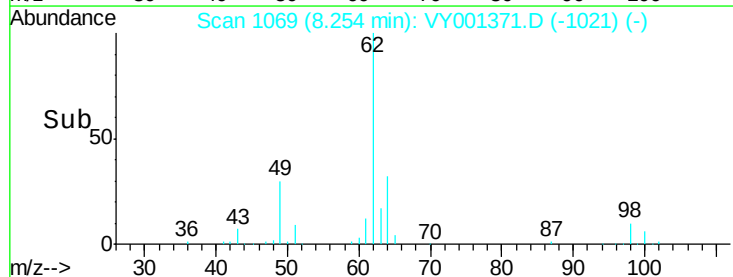
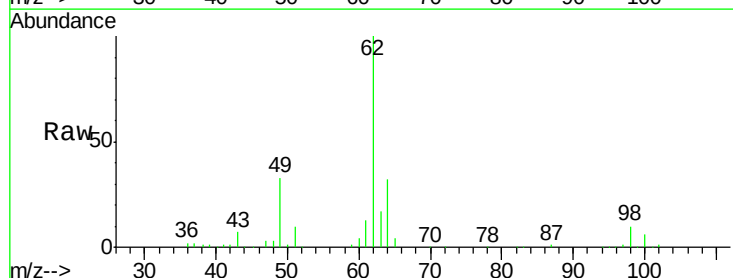
Lab File: VY001371.D

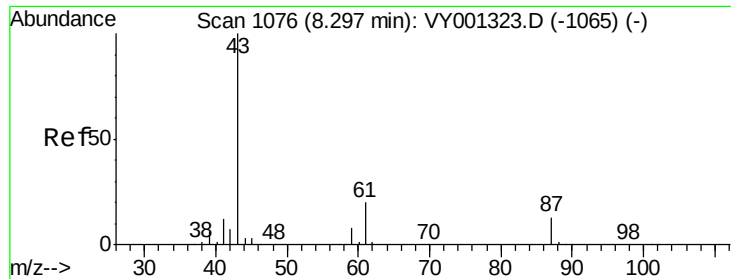
Acq: 24 Jan 2020 10:40

Tgt Ion: 62 Resp: 134273
Ion Ratio Lower Upper

62 100

98 9.7 0.0 20.8





#43

Isopropyl Acetate

Concen: 52.012 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

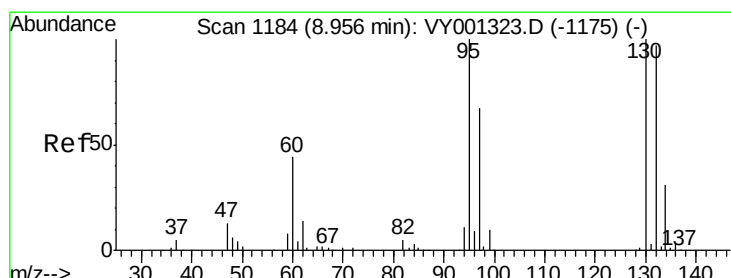
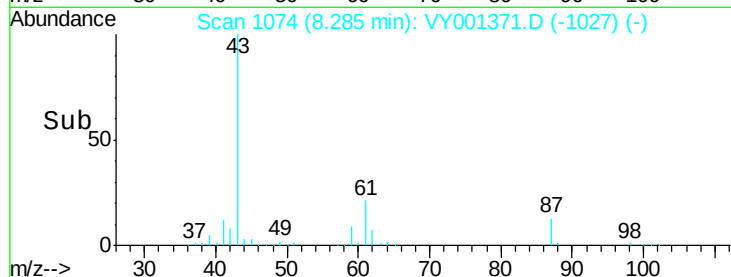
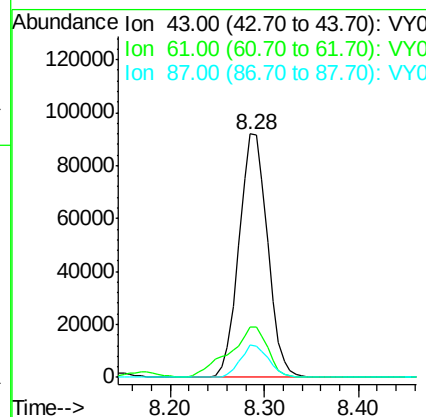
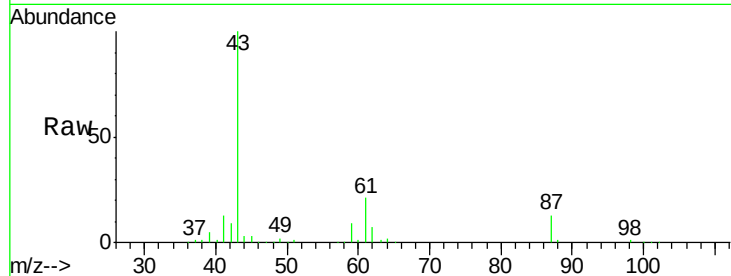
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	194244
Ion	Ratio	Lower	Upper
43	100		
61	28.0	22.7	34.1
87	13.3	11.0	16.4

Manual Integrations
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MMDadoda
1/27/2020 12:01:55 PM



#44

Trichloroethene

Concen: 50.739 ug/l

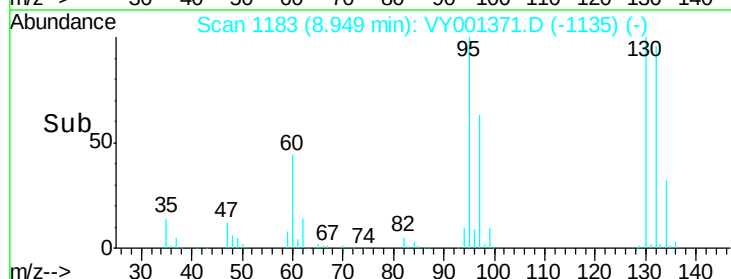
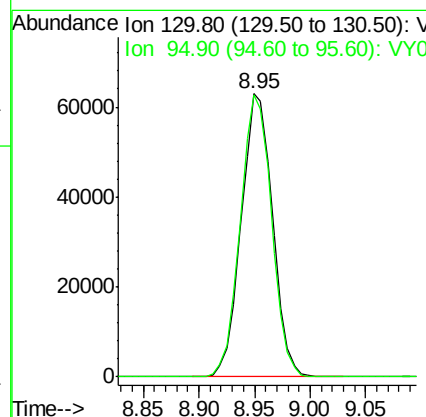
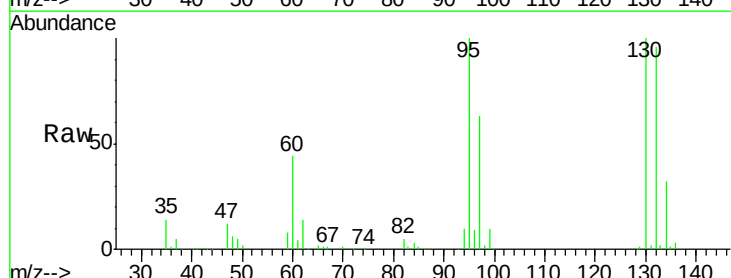
RT: 8.95 min Scan# 1183

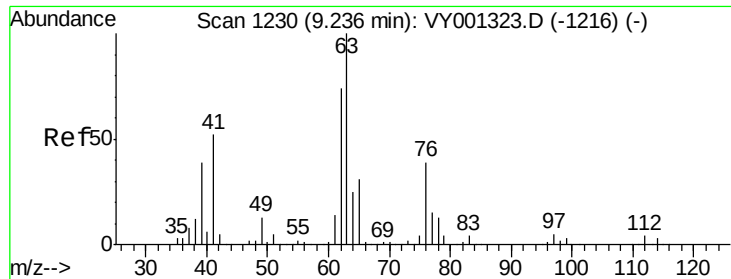
Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Tgt Ion:	130	Resp:	122724
Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	200.0





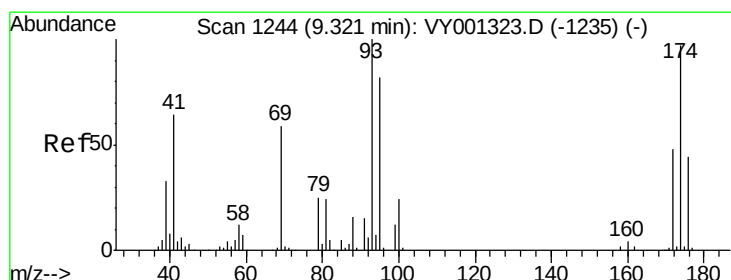
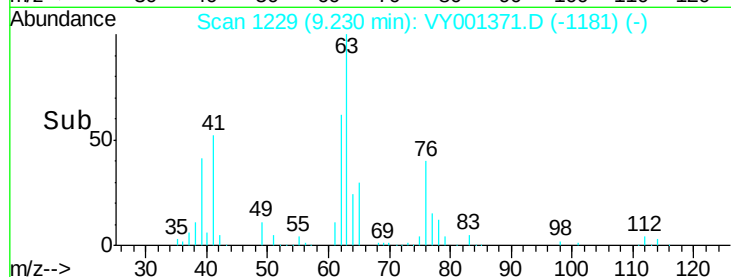
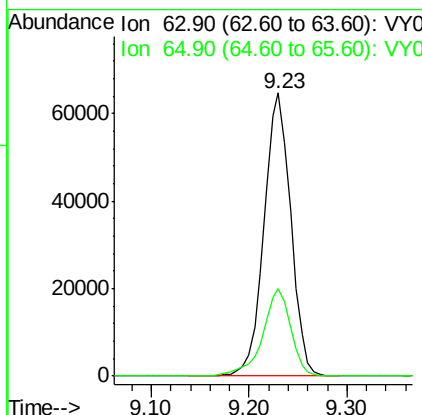
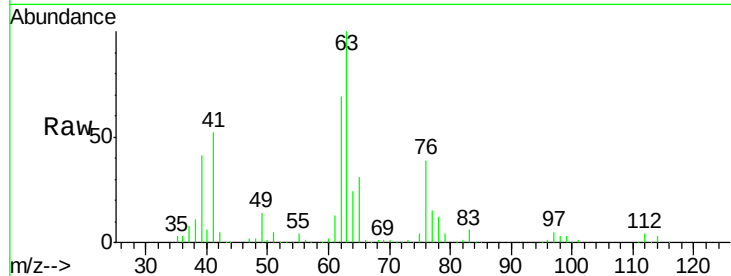
#45
 1,2-Dichloropropane
 Concen: 51.559 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 122853
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3

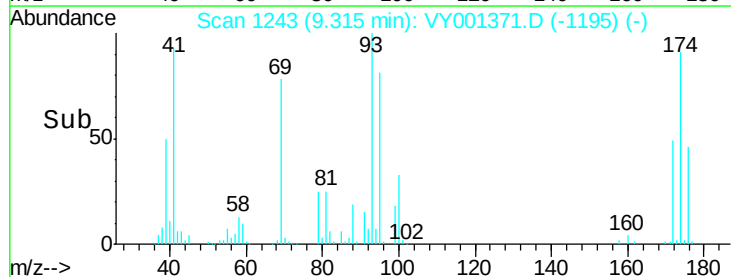
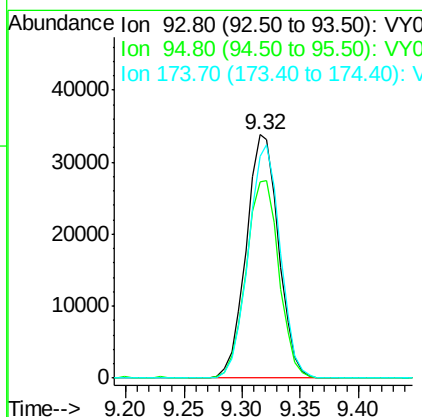
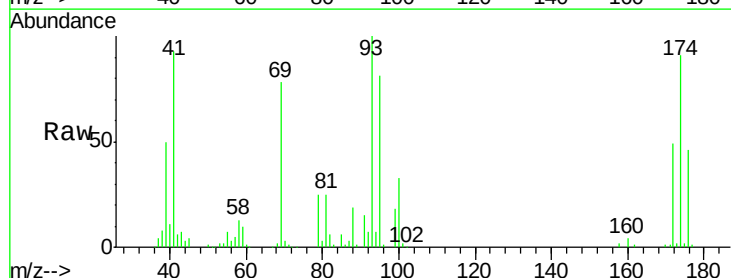
Manual Integrations
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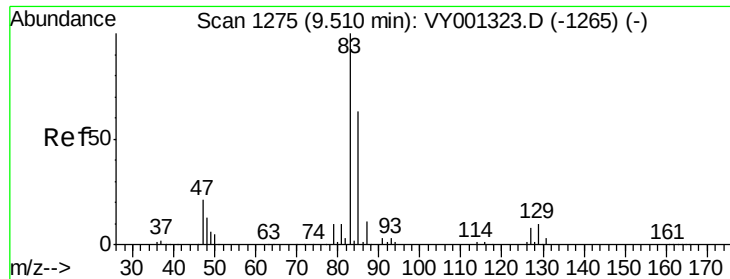
MMDadoda
 1/27/2020 12:01:55 PM



#46
 Dibromomethane
 Concen: 51.405 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion: 93 Resp: 65757
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.5 99.7
 174 94.3 77.9 116.9





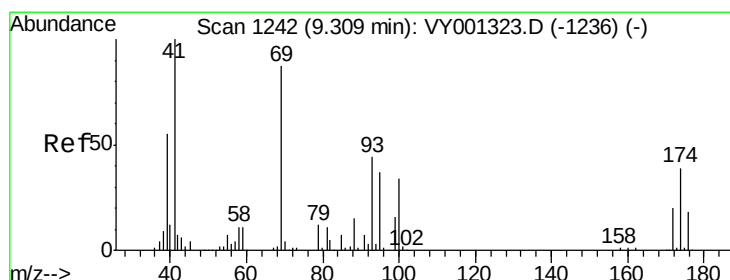
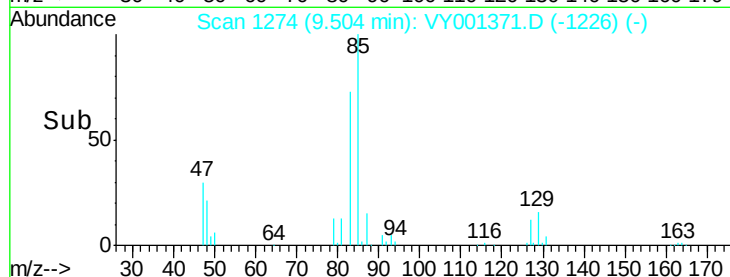
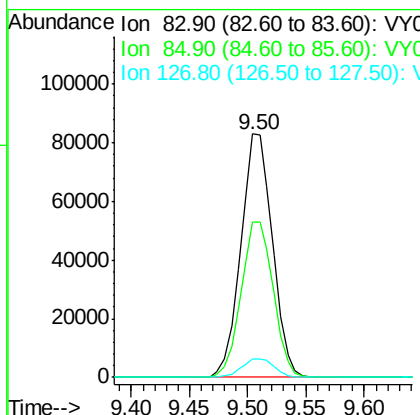
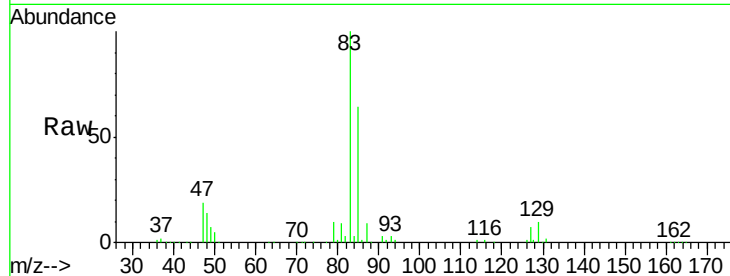
#47
Bromodichloromethane
Concen: 51.383 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.2	75.2
127	7.4	6.4	9.6

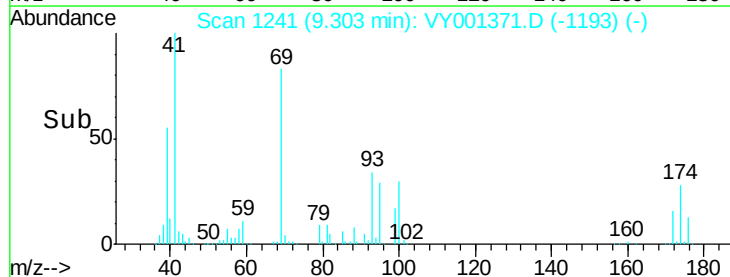
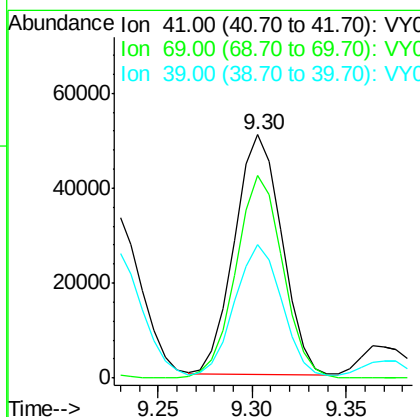
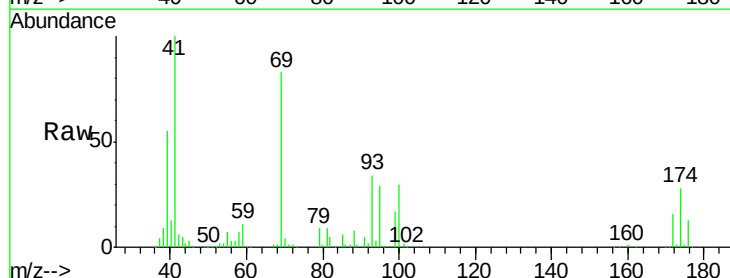
Manual Integrations
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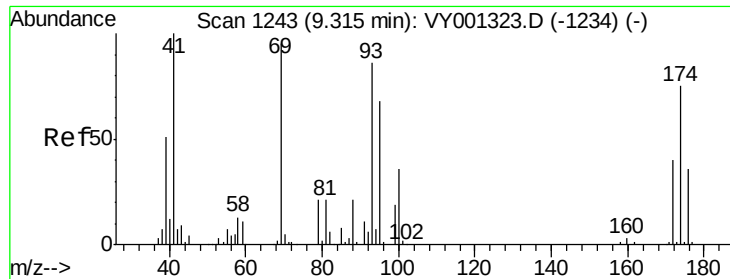
MMDadoda
1/27/2020 12:01:55 PM



#48
Methyl methacrylate
Concen: 52.177 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.5	70.2	105.4
39	56.0	45.7	68.5





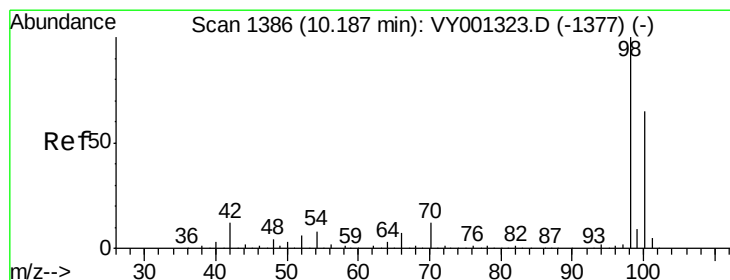
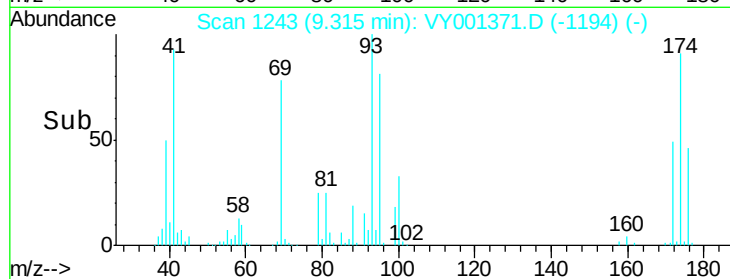
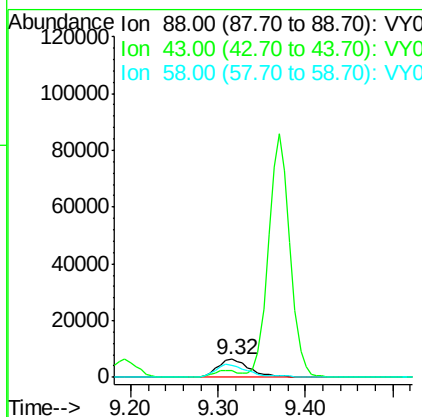
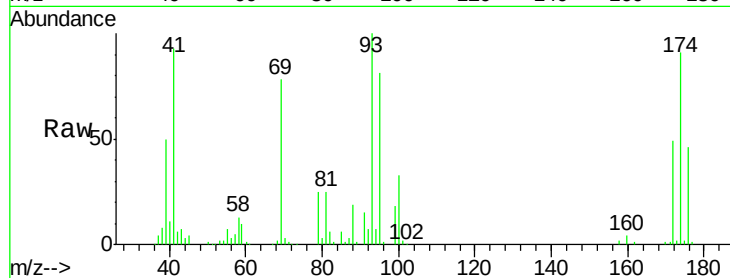
#49
 1,4-Dioxane
 Concen: 954.707 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	17222
Ion	Ratio	Lower	Upper
88	100		
43	30.6	28.2	42.2
58	73.2	55.6	83.4

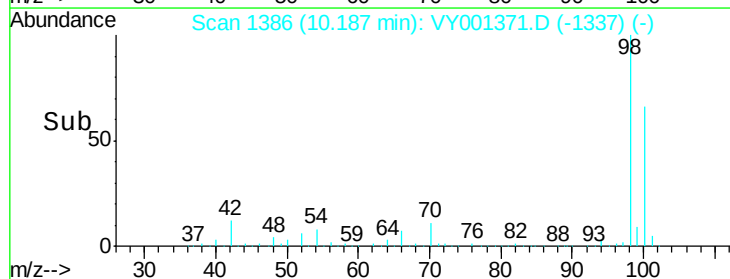
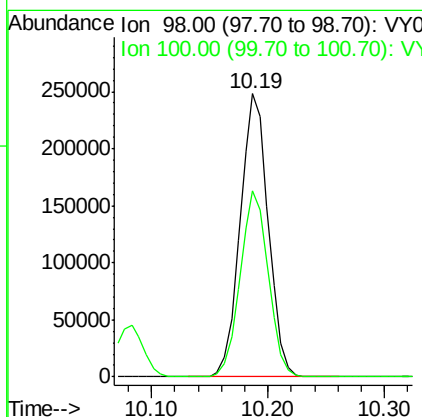
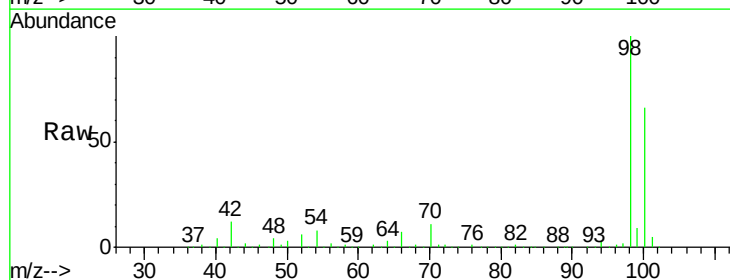
Manual Integrations
 APPROVED

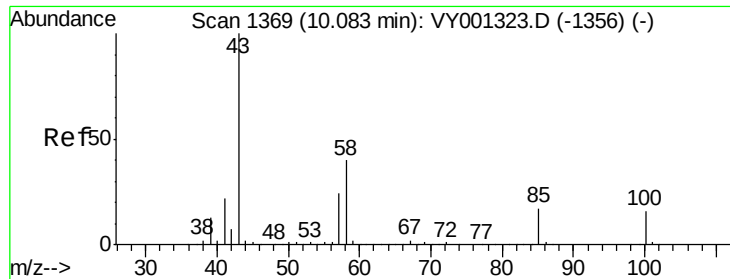
MMDadoda
 1/27/2020 12:01:55 PM



#50
 Toluene-d8
 Concen: 54.867 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion	98	Resp	416296
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	79.0





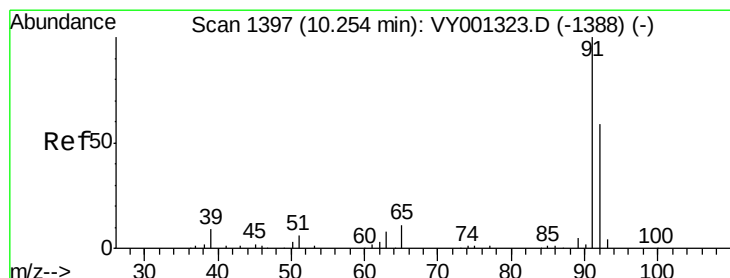
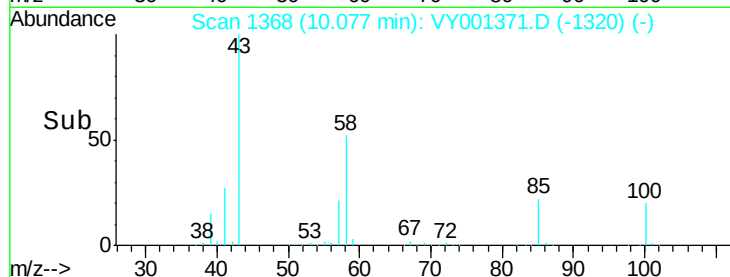
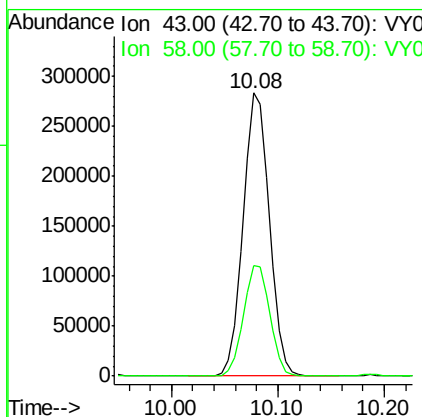
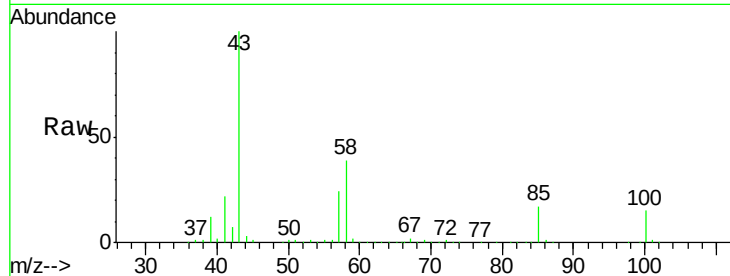
#51
4-Methyl-2-Pentanone
Concen: 255.728 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.5	47.3

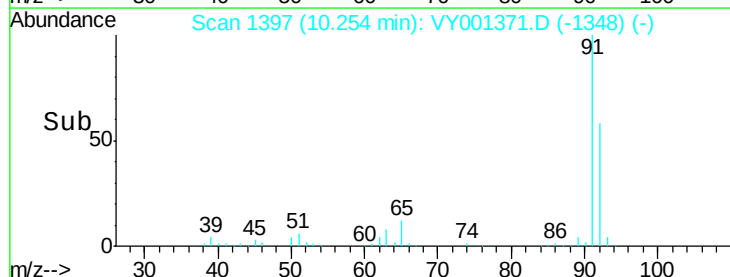
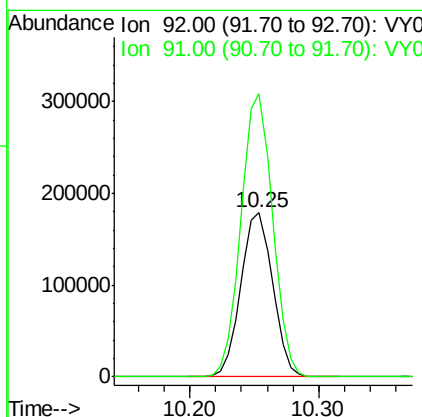
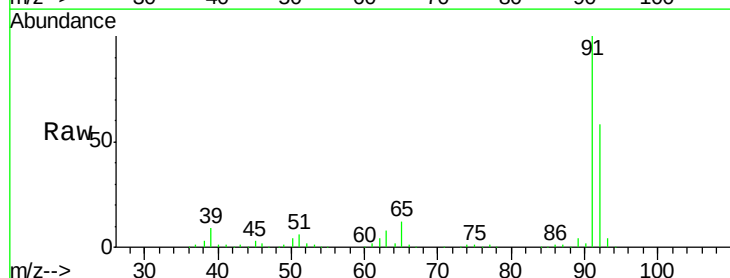
Manual Integrations
APPROVED

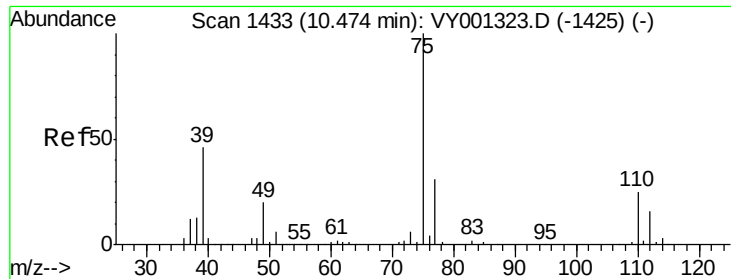
MMDadoda
1/27/2020 12:01:55 PM



#52
Toluene
Concen: 51.214 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	136.4	204.6





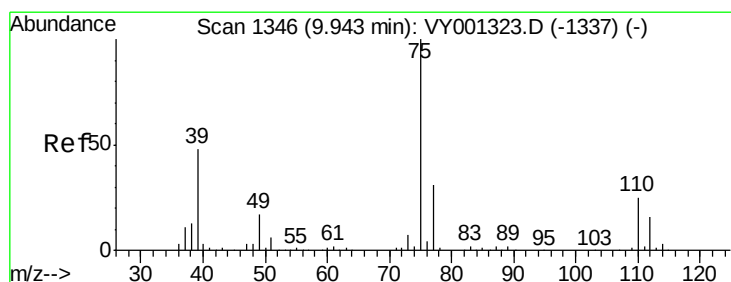
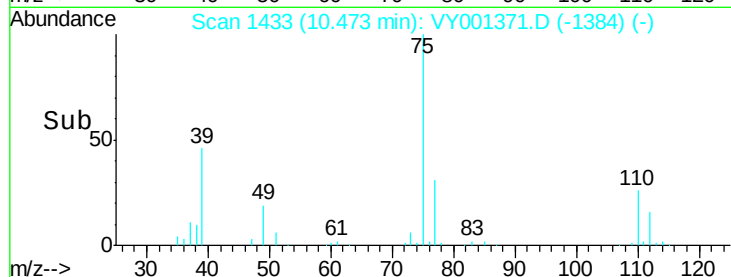
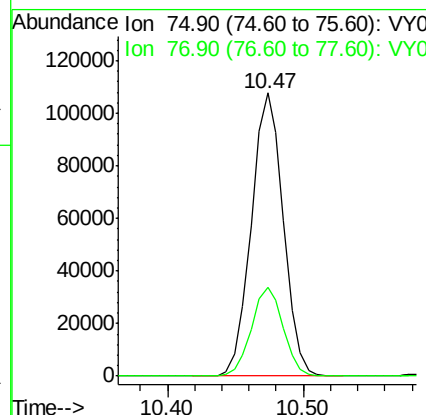
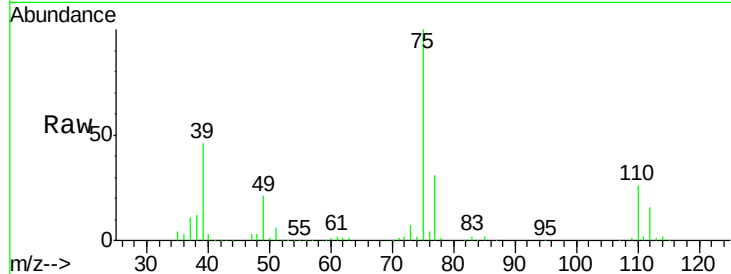
#53
t-1,3-Dichloropropene
Concen: 52.182 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 176866
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8

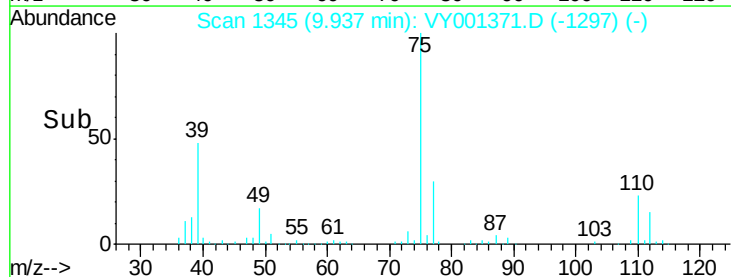
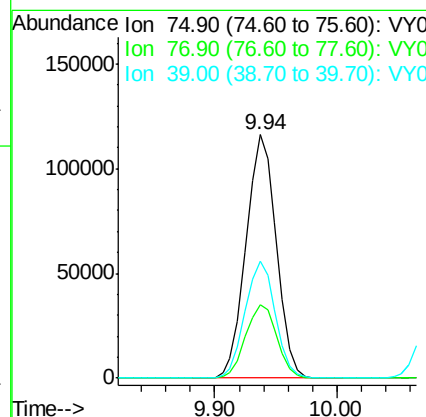
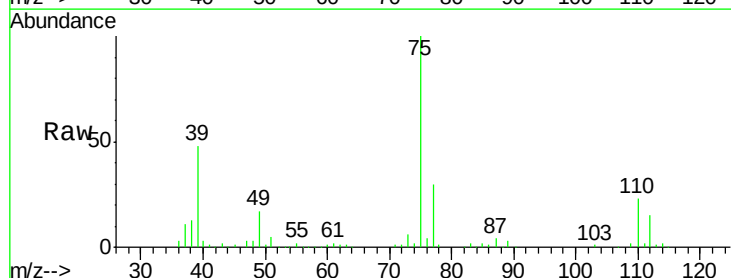
Manual Integrations
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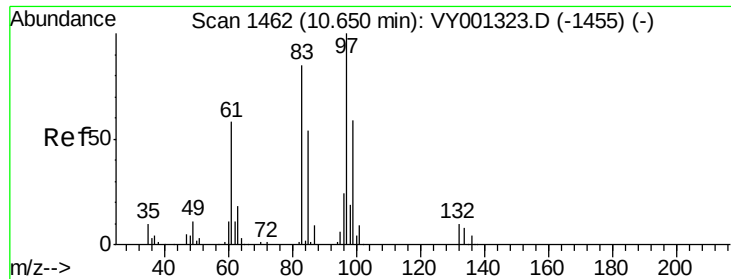
MMDadoda
1/27/2020 12:01:55 PM



#54
cis-1,3-Dichloropropene
Concen: 51.327 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 75 Resp: 199677
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.6
39 47.8 38.2 57.4





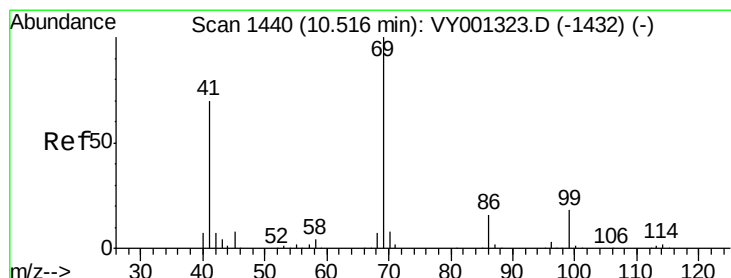
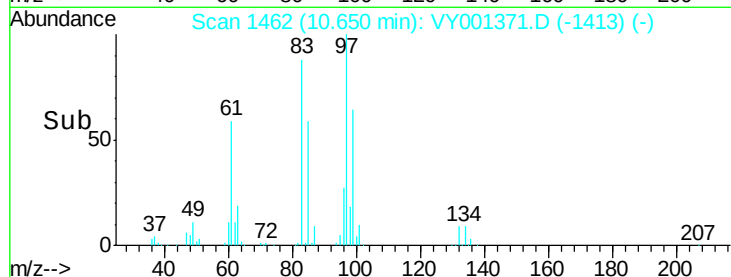
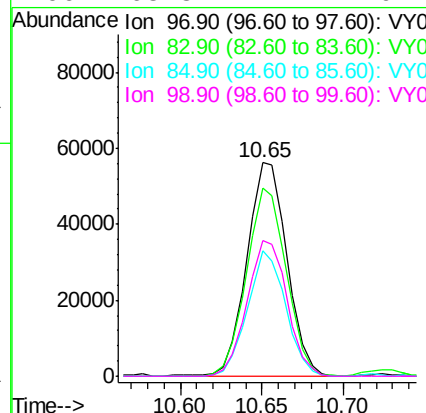
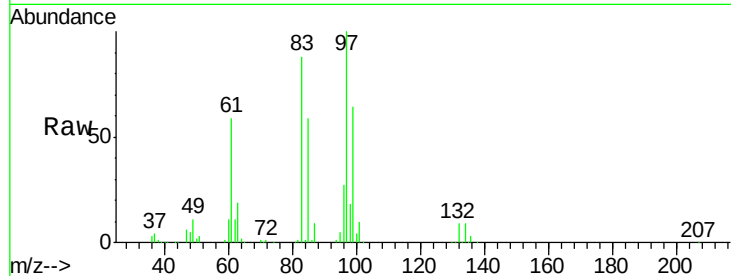
#55
1,1,2-Trichloroethane
Concen: 50.922 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		96143		
83	88.0	68.0	102.0		
85	58.5	43.6	65.4		
99	63.8	47.1	70.7		

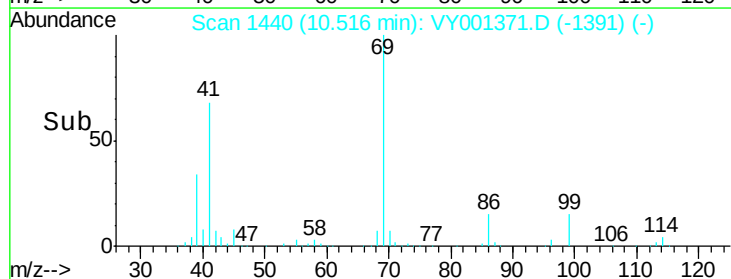
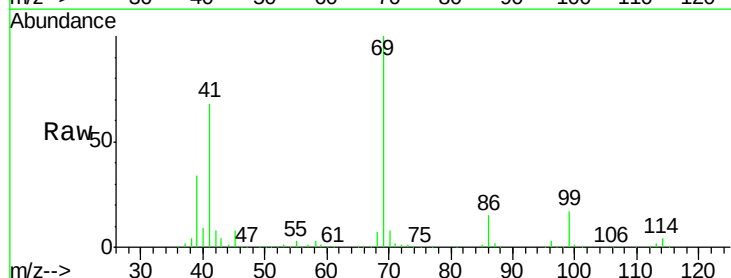
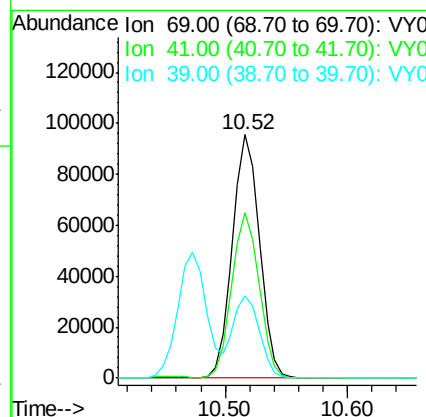
Manual Integrations
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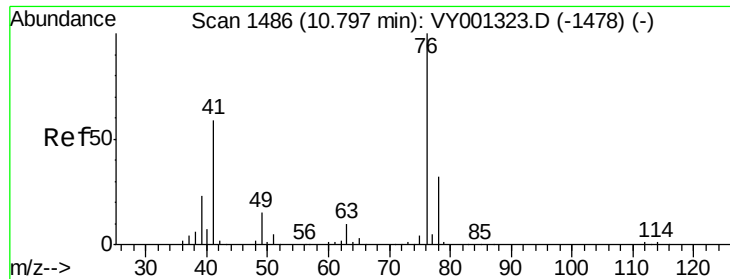
MMDadoda
1/27/2020 12:01:55 PM



#56
Ethyl methacrylate
Concen: 51.421 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		146737		
41	67.9	54.1	81.1		
39	33.0	26.8	40.2		





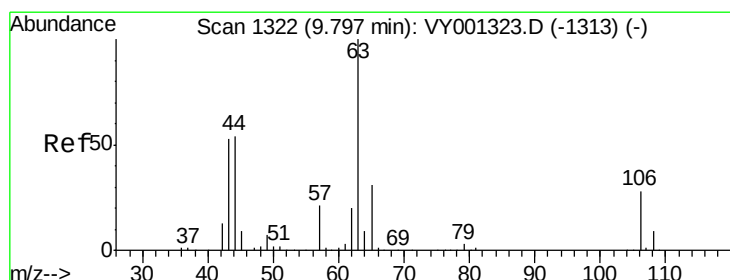
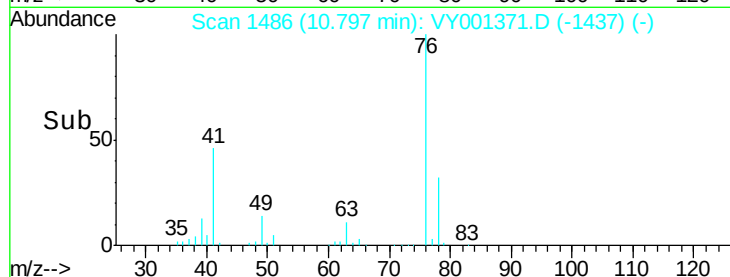
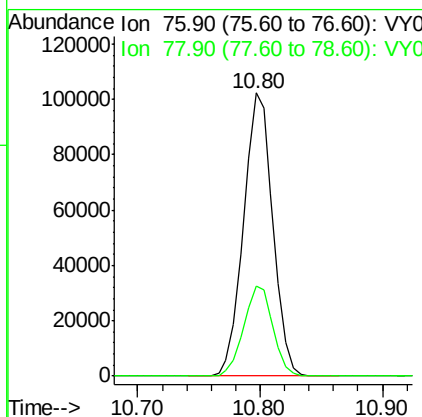
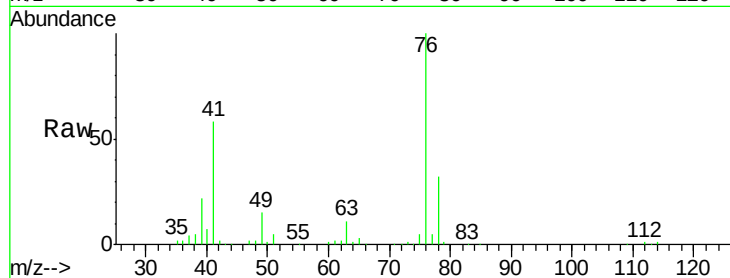
#57
 1,3-Dichloropropane
 Concen: 51.625 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 169793
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8

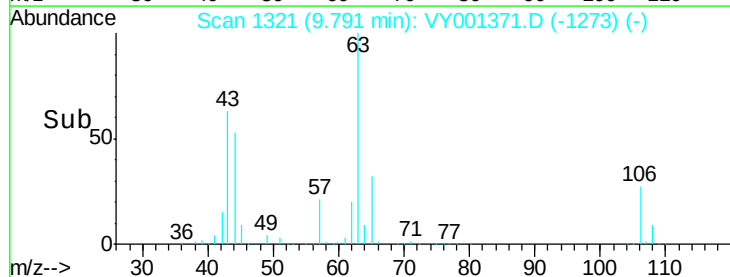
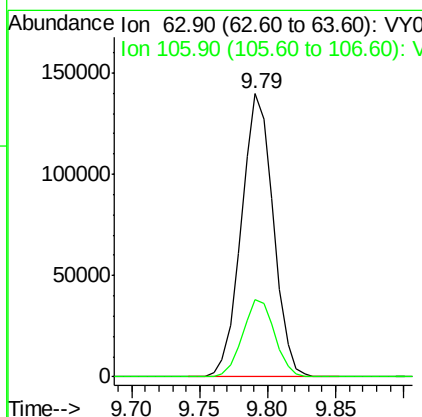
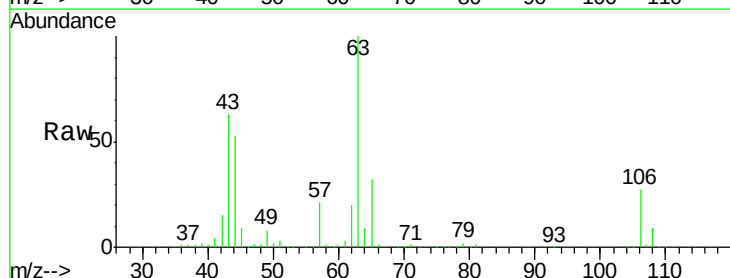
Manual Integrations
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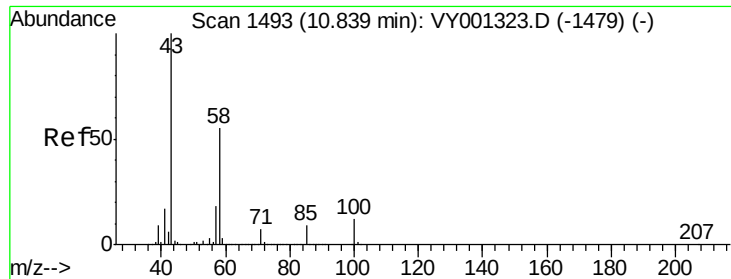
MMDadoda
 1/27/2020 12:01:55 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 232.071 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion: 63 Resp: 229162
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.5 33.7





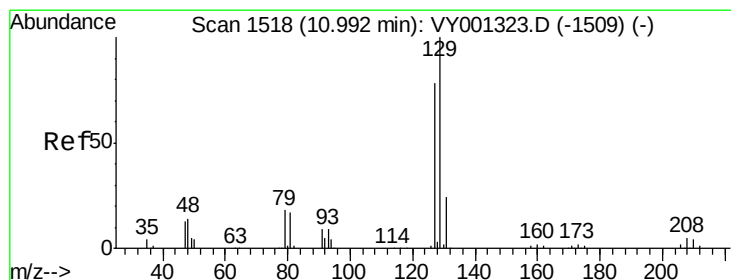
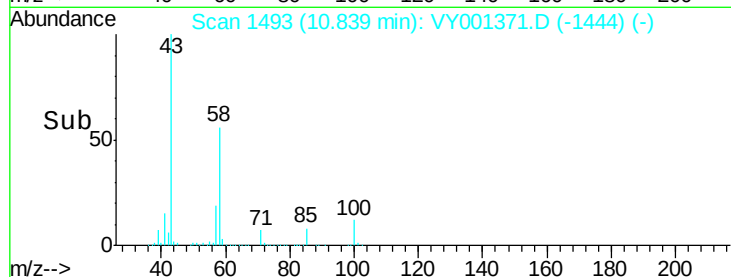
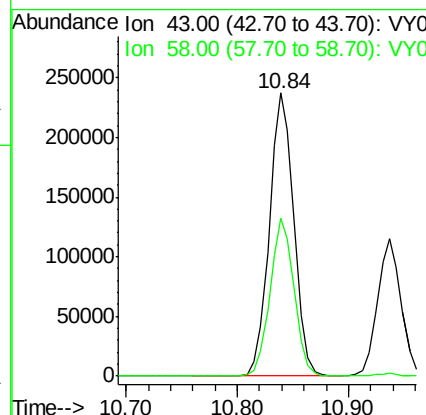
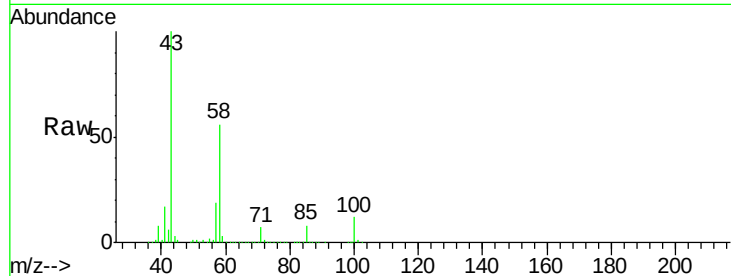
#59
2-Hexanone
Concen: 270.485 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 362158
Ion Ratio Lower Upper
43 100
58 54.8 27.6 82.8

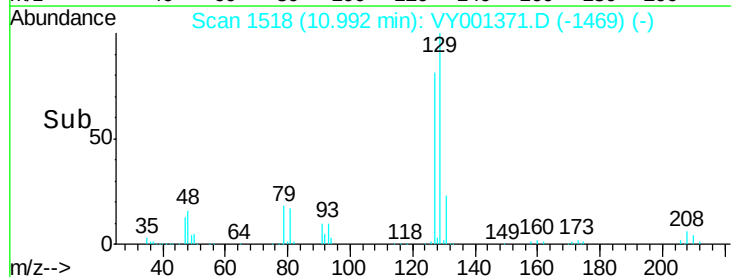
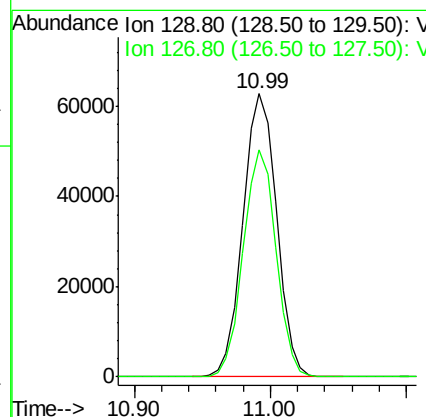
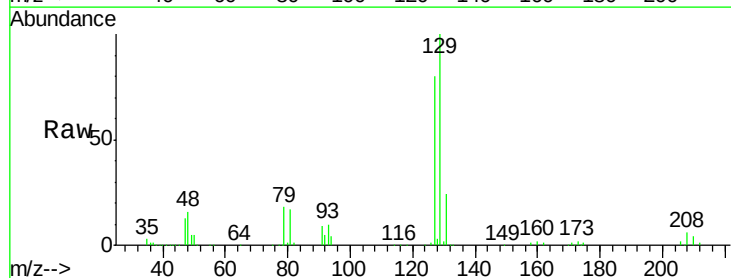
Manual Integrations
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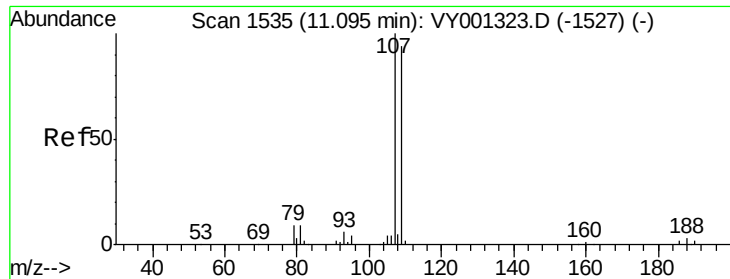
MMDadoda
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#60
Dibromochloromethane
Concen: 51.514 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 129 Resp: 108781
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





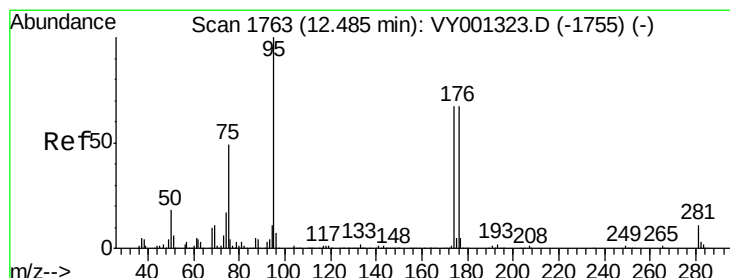
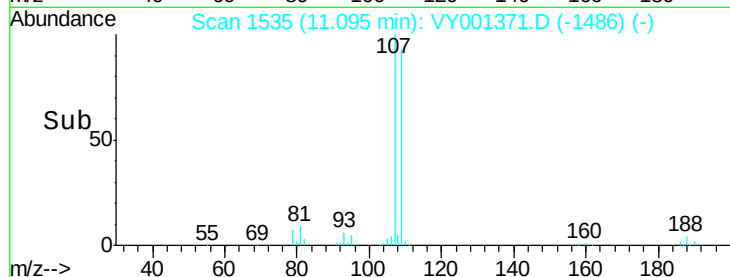
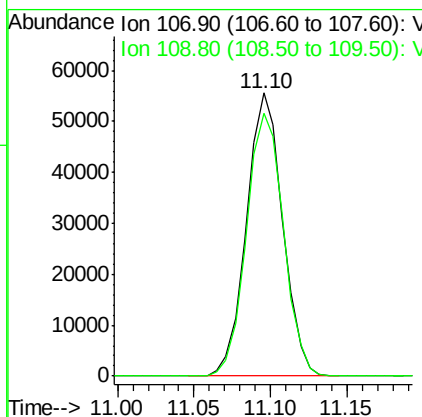
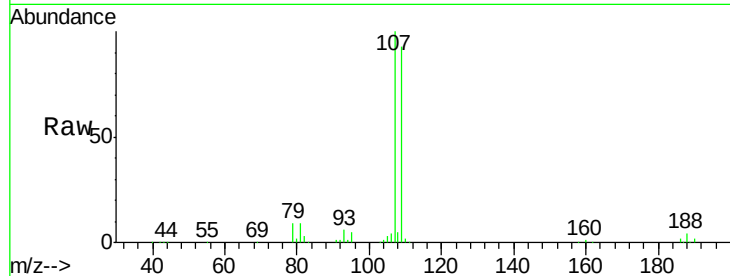
#61
1,2-Dibromoethane
Concen: 51.192 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.0	112.6

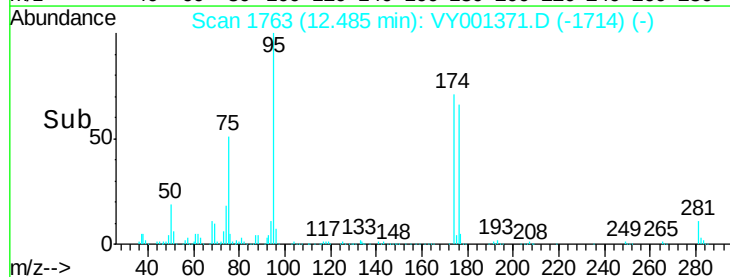
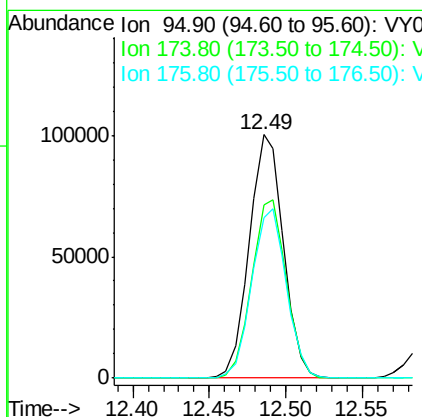
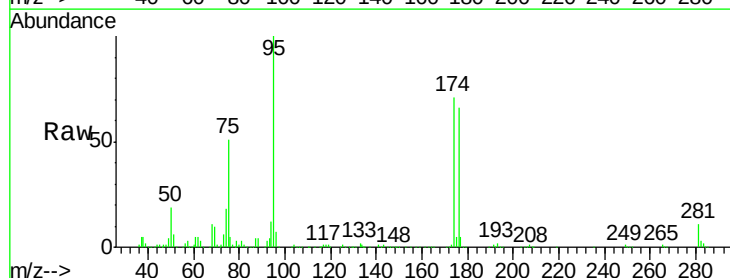
Manual Integrations
APPROVED

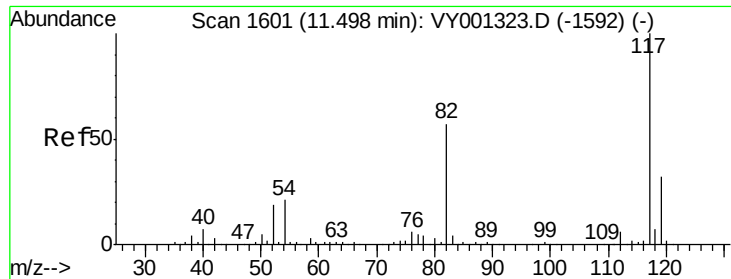
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 51.502 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	142.0
176	70.5	0.0	138.6





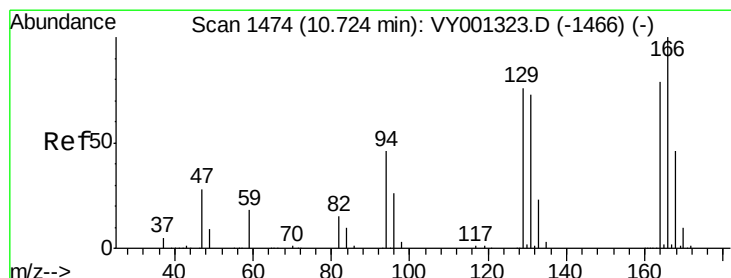
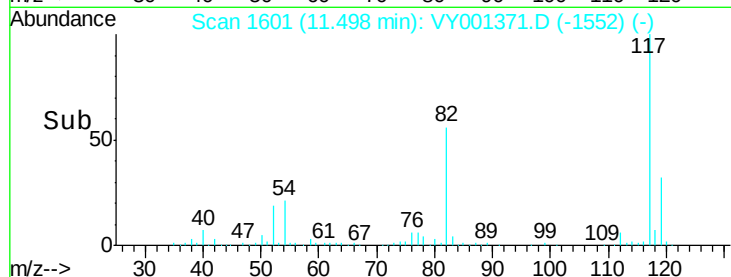
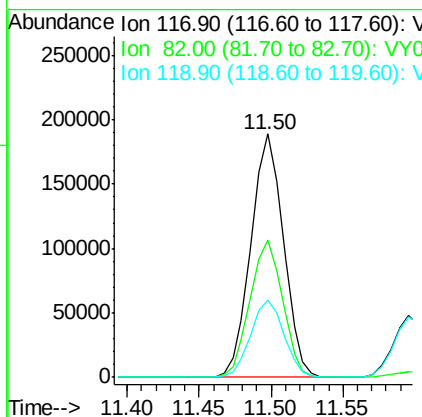
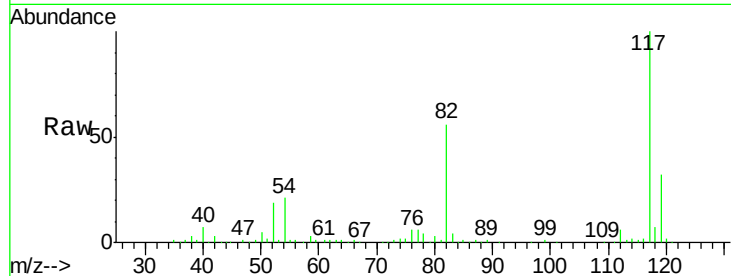
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.5	68.3
119	31.9	25.8	38.6

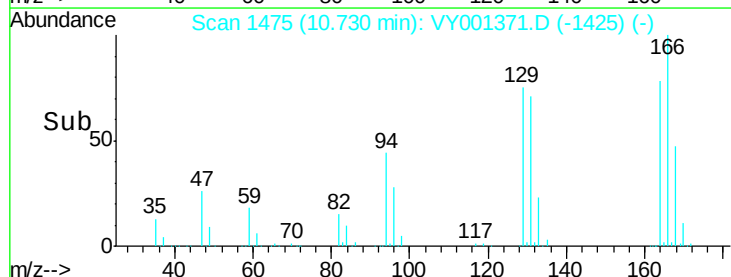
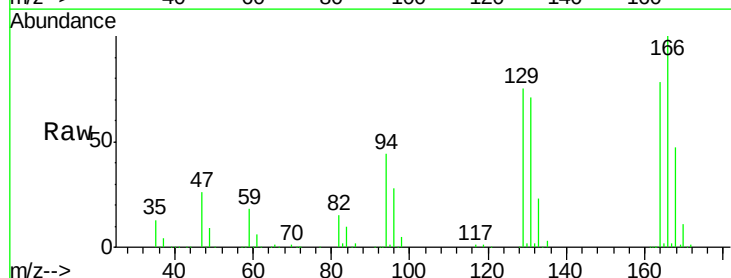
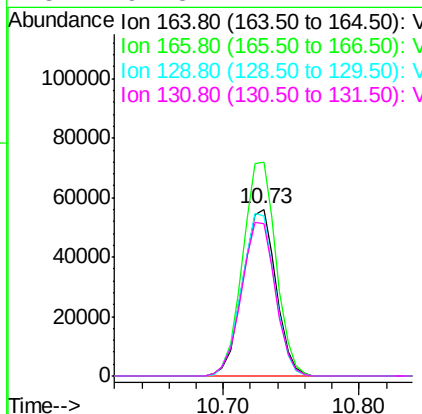
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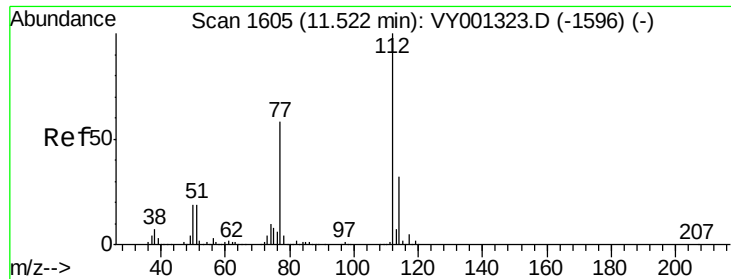
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#64
Tetrachloroethene
Concen: 50.905 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.8	152.8
129	95.6	77.1	115.7
131	91.3	74.2	111.2





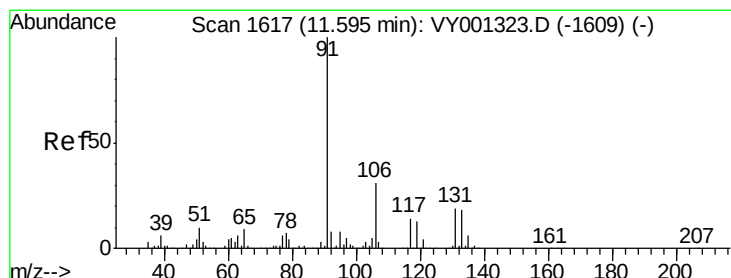
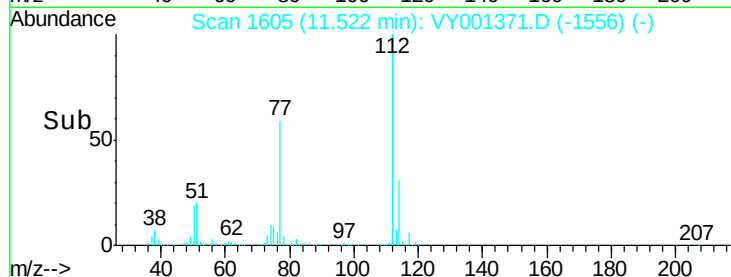
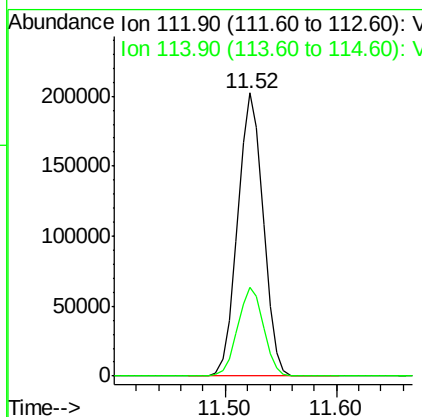
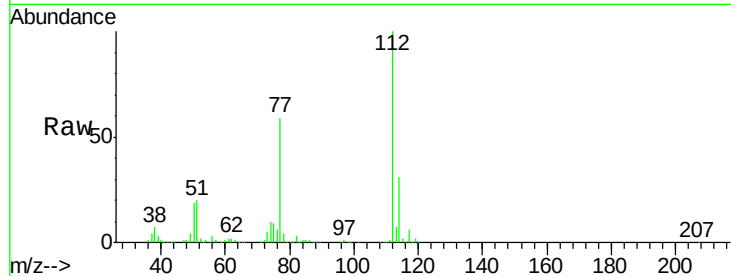
#65
Chlorobenzene
Concen: 51.523 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 320798
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

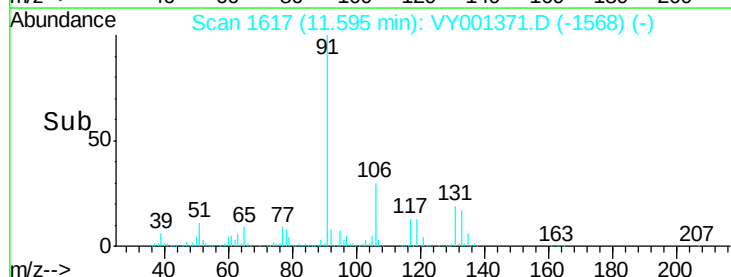
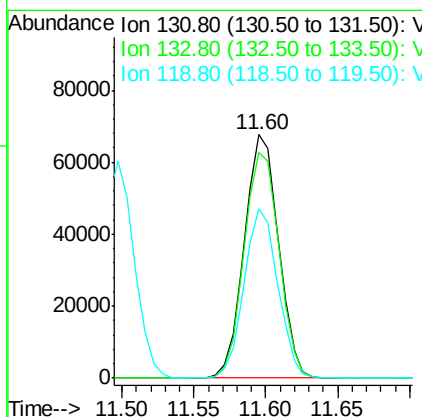
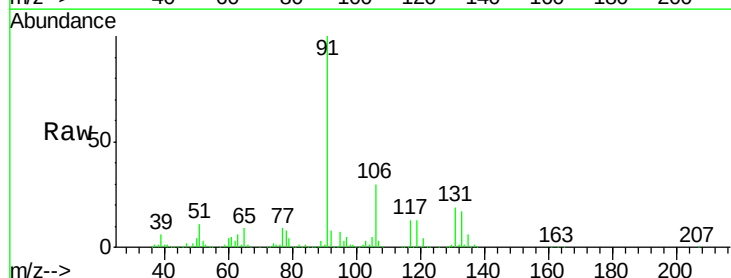
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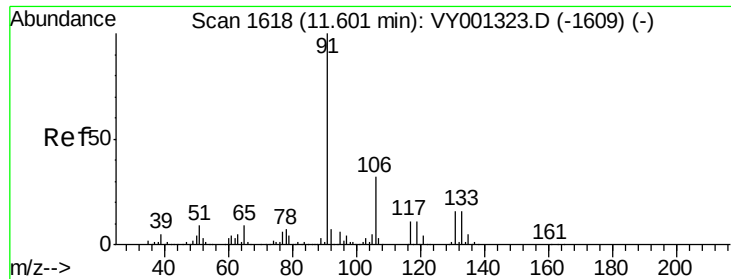
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.121 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion:131 Resp: 110747
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.3
119 68.9 34.1 102.2





#67

Ethyl Benzene

Concen: 52.064 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 597396

Ion Ratio Lower Upper

91 100

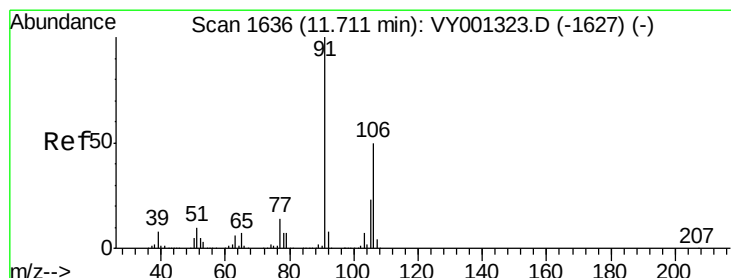
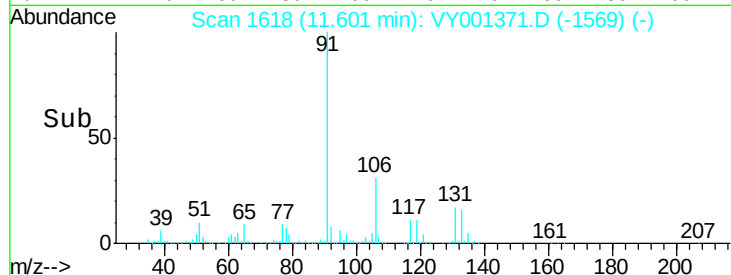
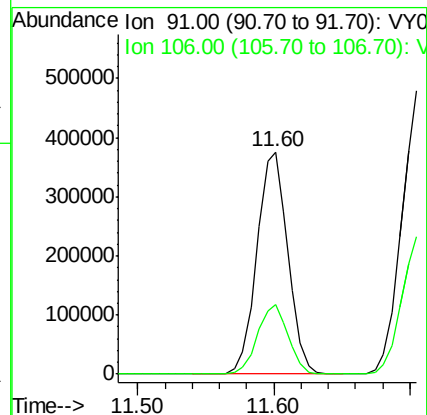
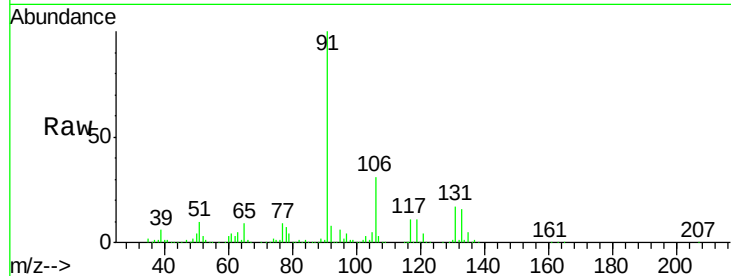
106 31.1 25.4 38.0

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#68

m/p-Xylenes

Concen: 104.199 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001371.D

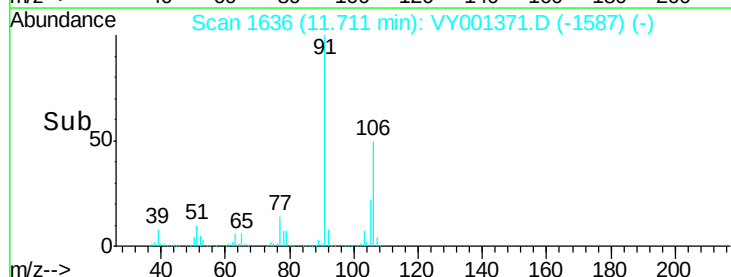
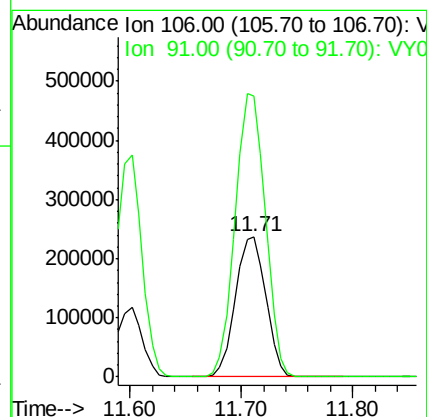
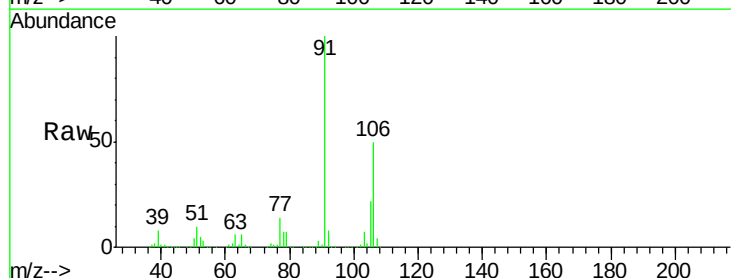
Acq: 24 Jan 2020 10:40

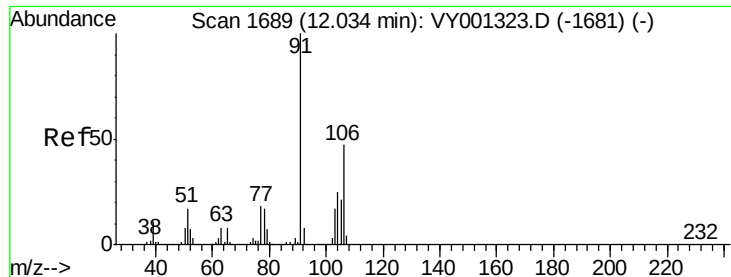
Tgt Ion: 106 Resp: 446549

Ion Ratio Lower Upper

106 100

91 201.7 162.8 244.2





#69

o-Xylene

Concen: 51.706 ug/l

RT: 12.03 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:106 Resp: 213170

Ion Ratio Lower Upper

106 100

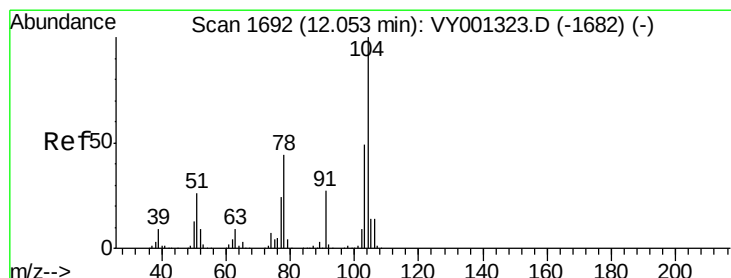
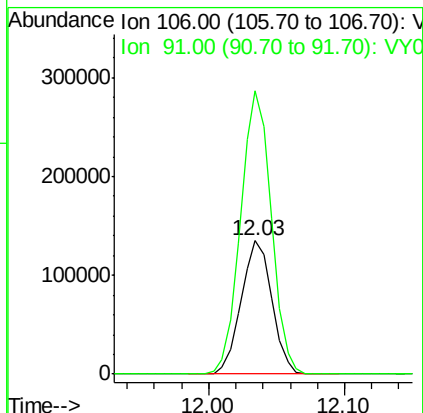
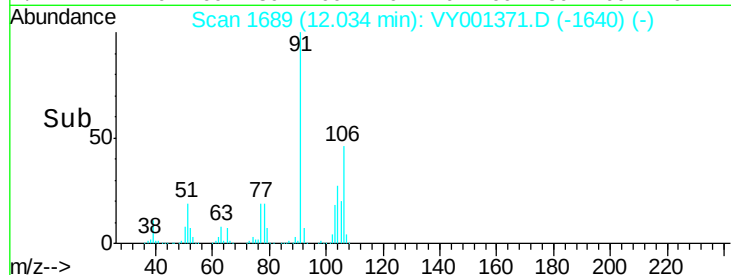
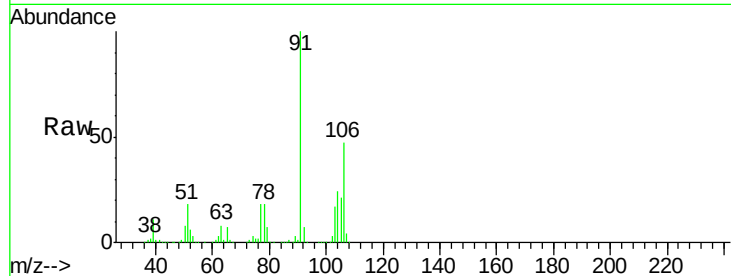
91 211.5 106.3 319.0

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#70

Styrene

Concen: 51.605 ug/l

RT: 12.05 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

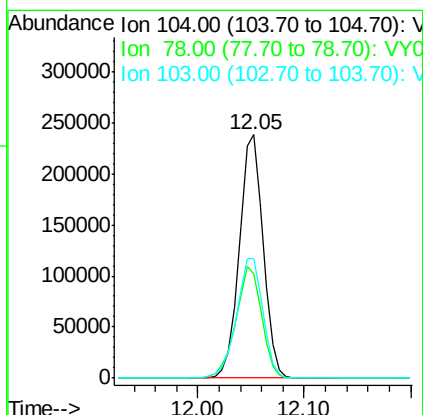
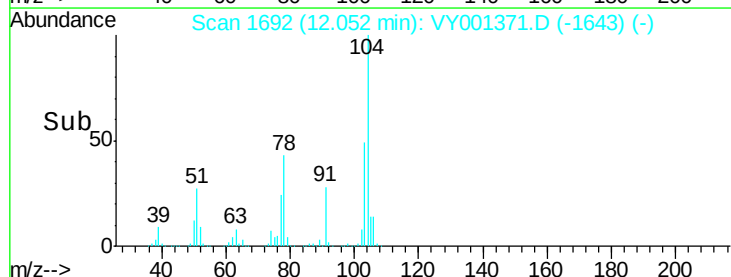
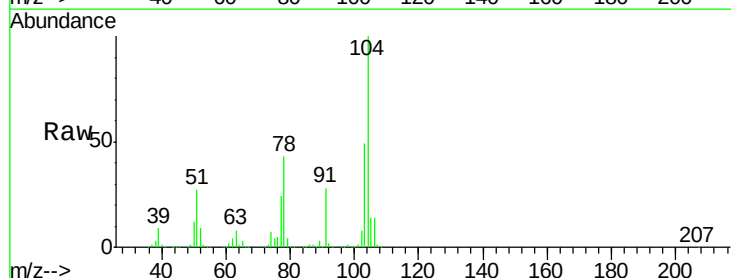
Tgt Ion:104 Resp: 373278

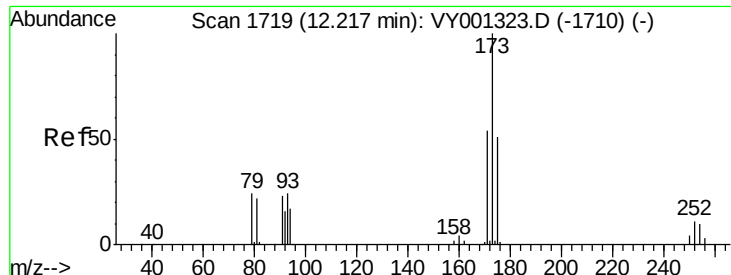
Ion Ratio Lower Upper

104 100

78 49.7 39.8 59.8

103 54.2 43.2 64.8





#71

Bromoform

Concen: 51.579 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 65422

Ion Ratio Lower Upper

173 100

175 48.0 24.3 72.9

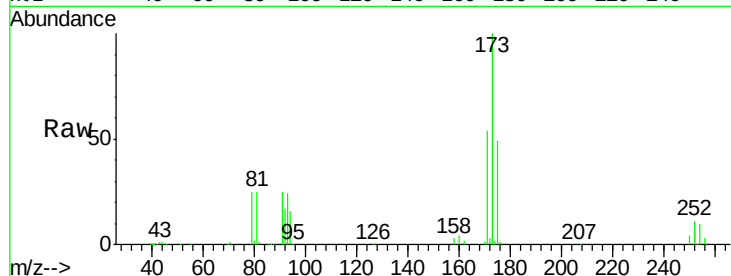
254 0.0 0.0 0.0

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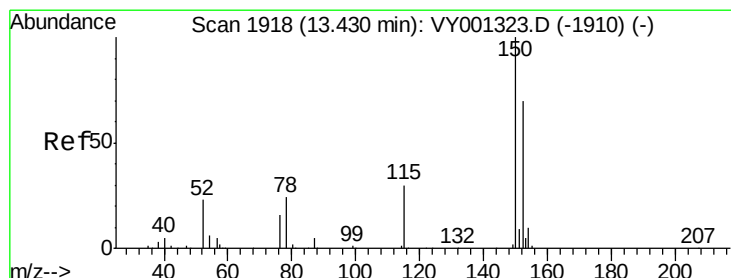
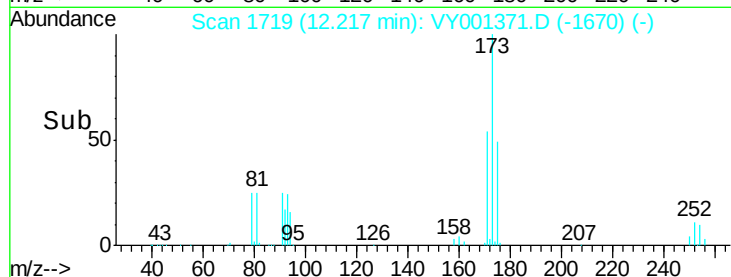
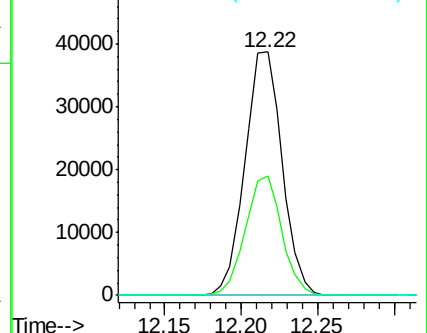
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

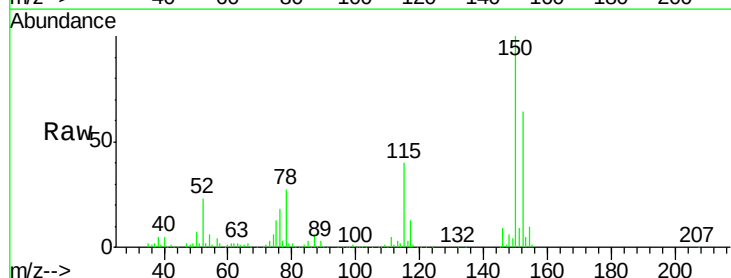
Tgt Ion:152 Resp: 143423

Ion Ratio Lower Upper

152 100

115 60.5 30.9 92.8

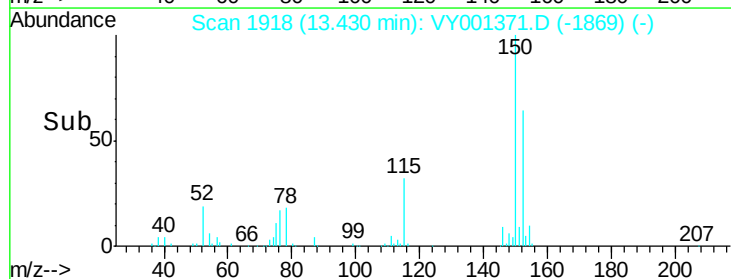
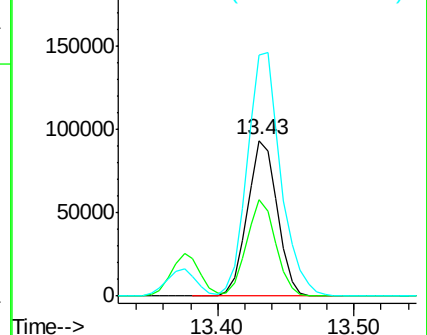
150 174.7 0.0 349.2

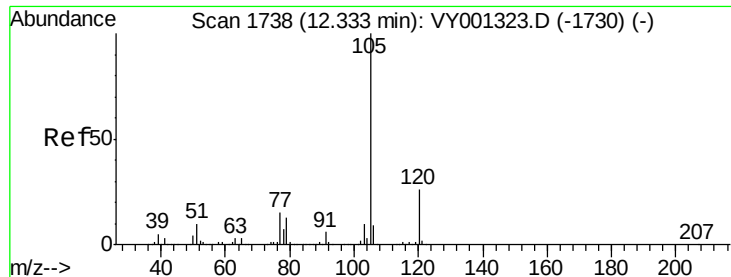


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





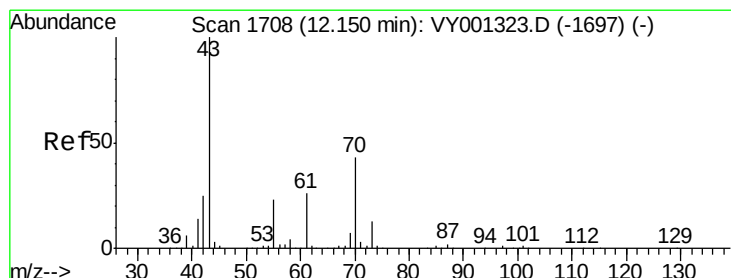
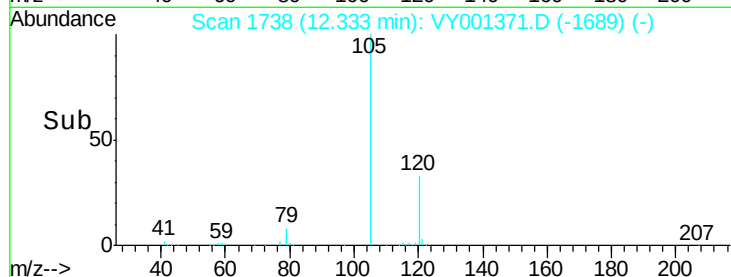
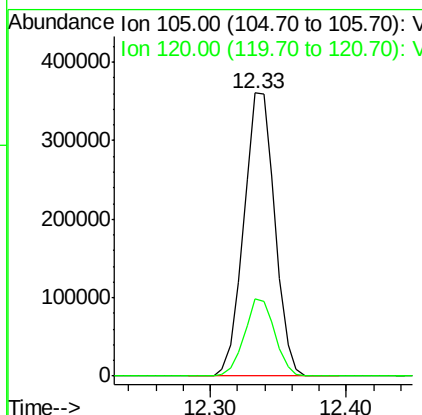
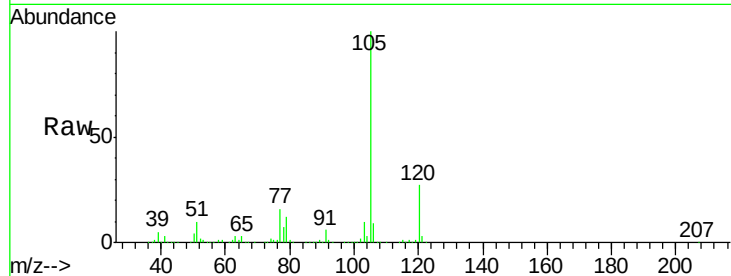
#73
Isopropylbenzene
Concen: 50.793 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.5	40.4

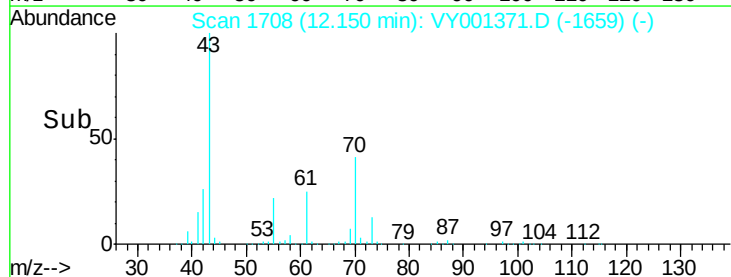
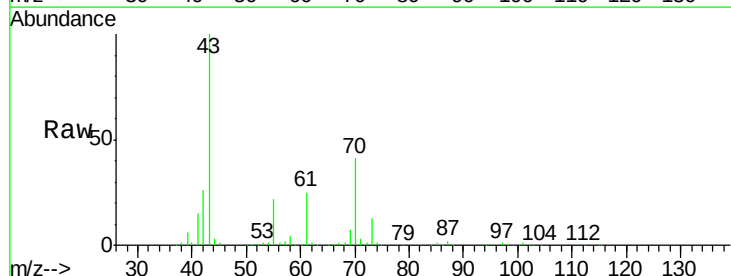
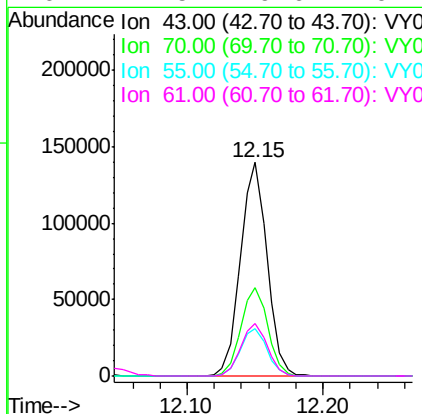
Manual Integrations
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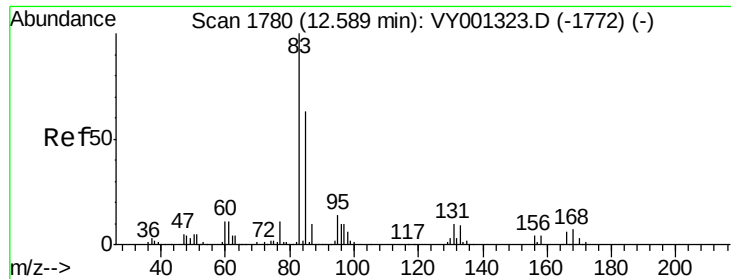
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#74
N-ethyl acetate
Concen: 51.460 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.9	33.5	50.3
55	22.7	18.2	27.2
61	24.5	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.097 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

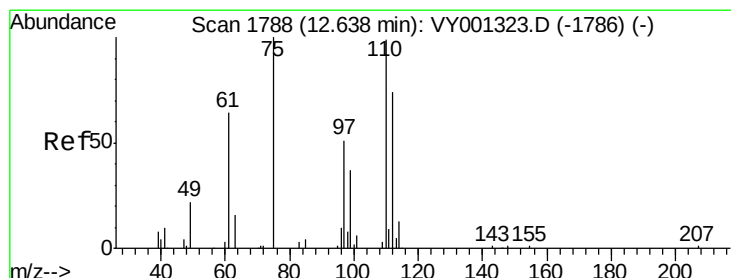
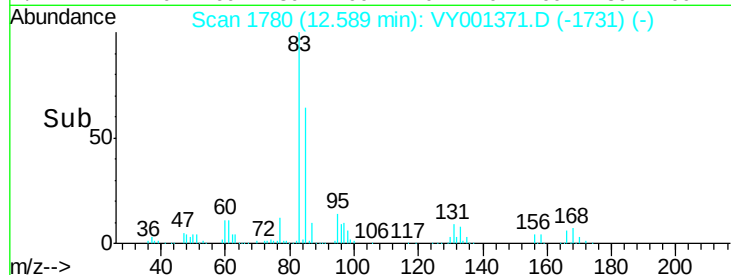
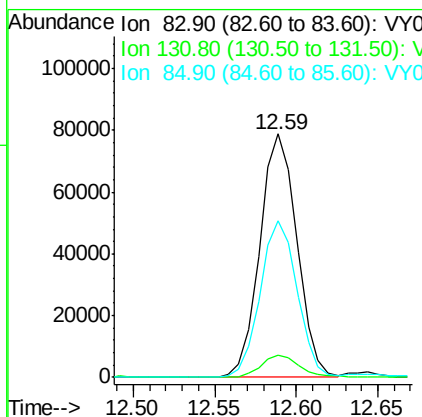
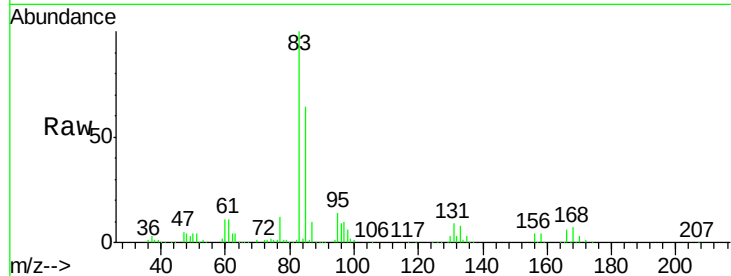
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	123847
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.6
85	64.3	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.080 ug/l m

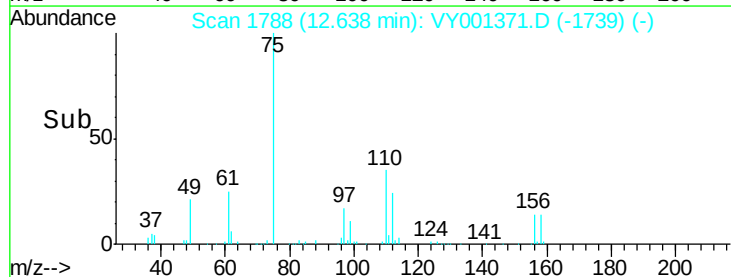
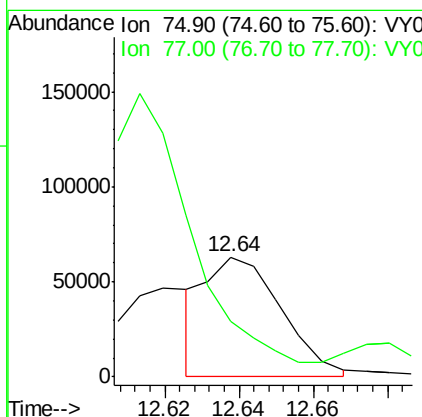
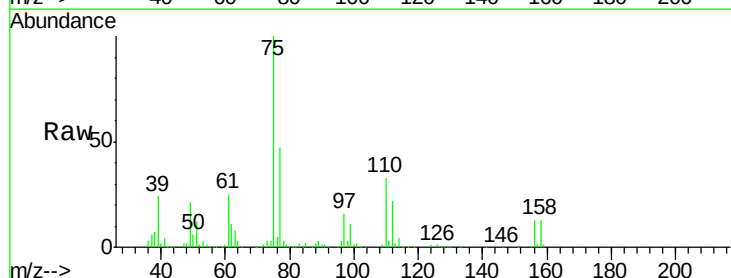
RT: 12.64 min Scan# 1788

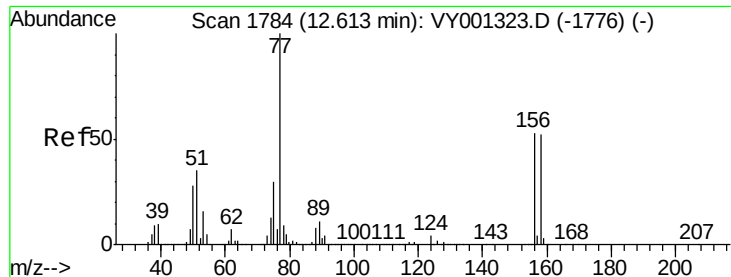
Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Tgt Ion:	75	Resp:	90007
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.421 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

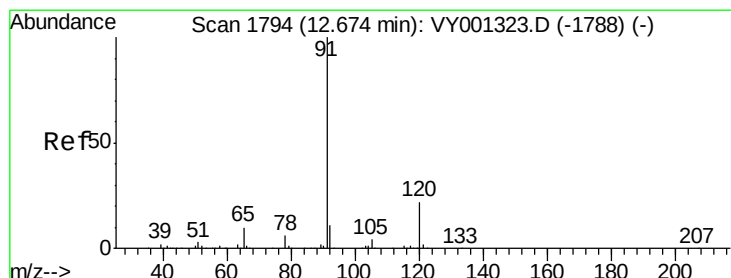
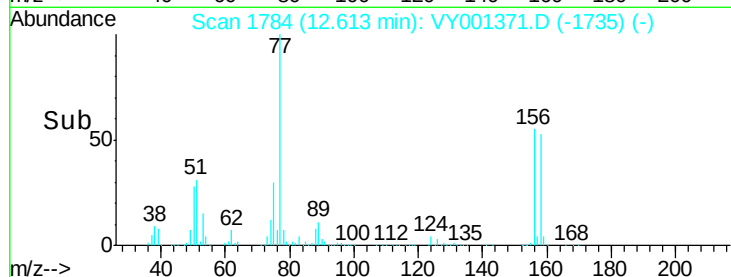
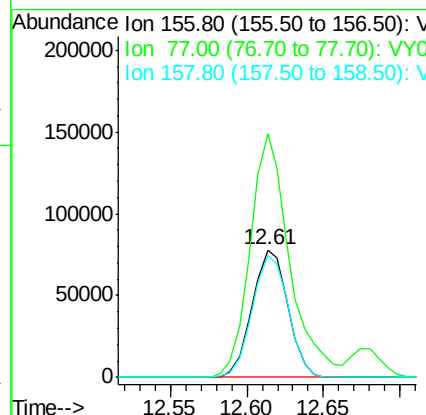
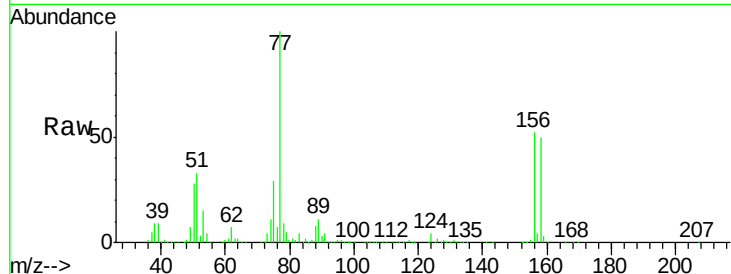
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	126388
Ion Ratio	Lower	Upper	
156	100		
77	211.3	104.7	313.9
158	97.0	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 51.839 ug/l

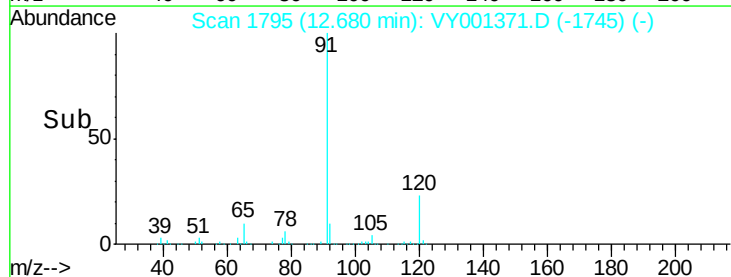
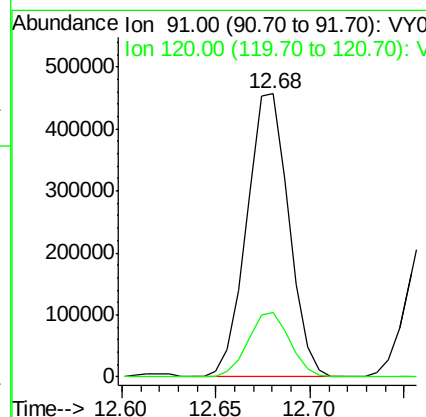
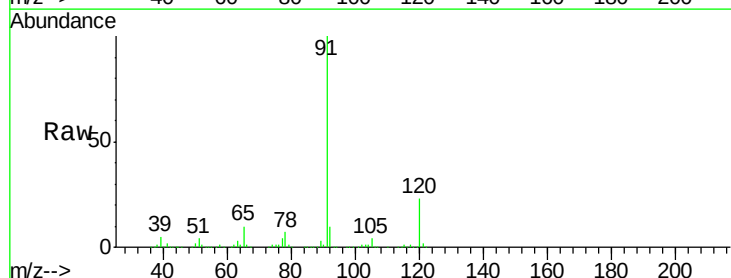
RT: 12.68 min Scan# 1795

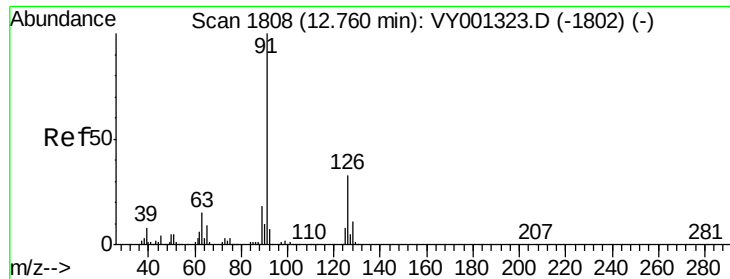
Delta R.T. 0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Tgt Ion:	91	Resp:	706145
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8





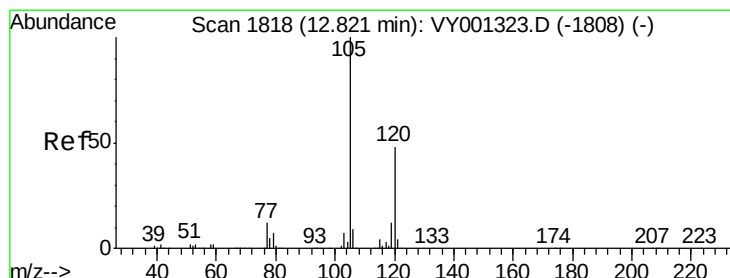
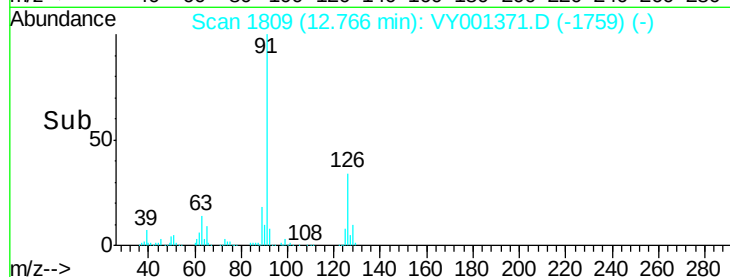
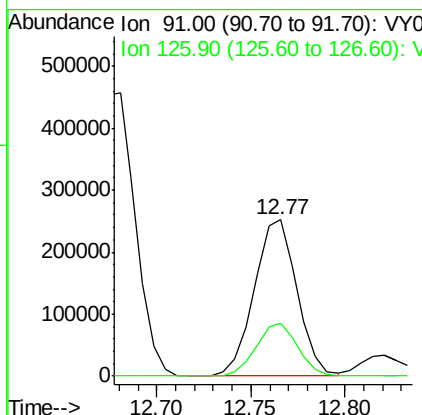
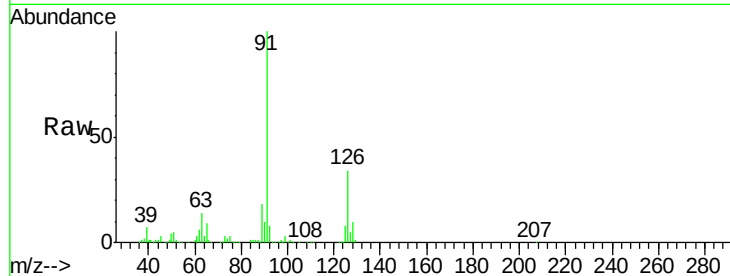
#79
 2-Chlorotoluene
 Concen: 50.961 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 396578
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.7

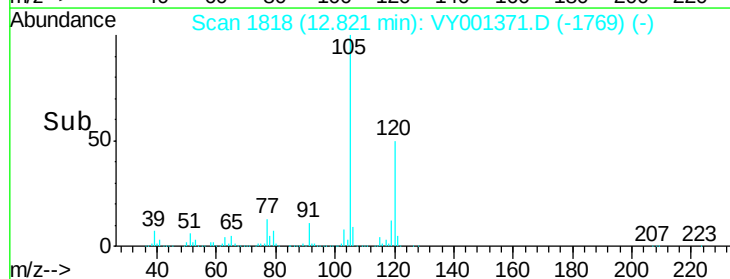
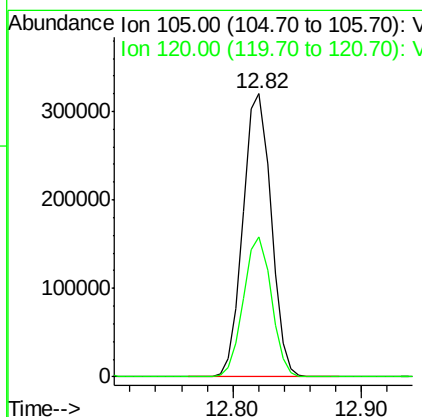
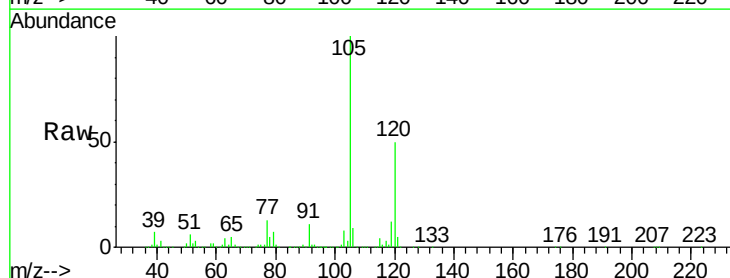
Manual Integrations
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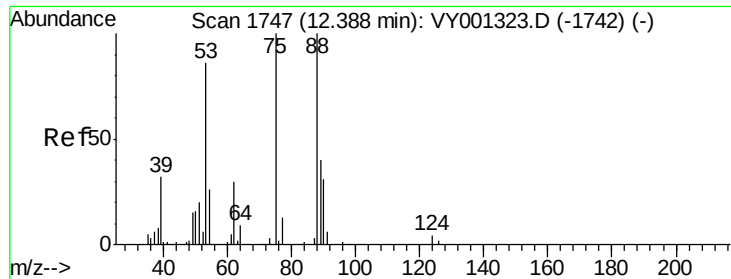
MMDadoda
 1/27/2020 12:01:55 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.102 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion: 105 Resp: 482747
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.9





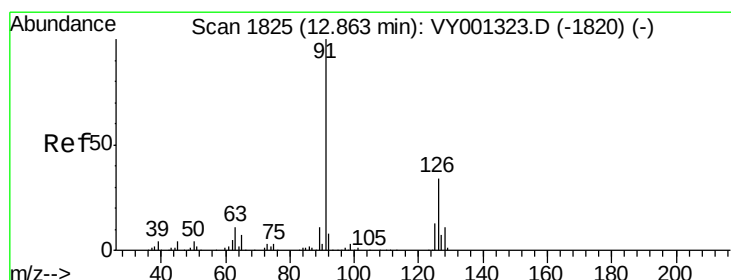
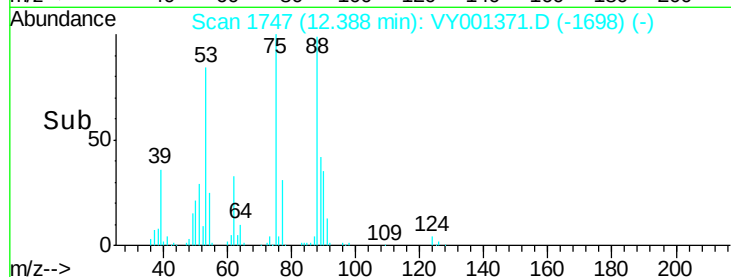
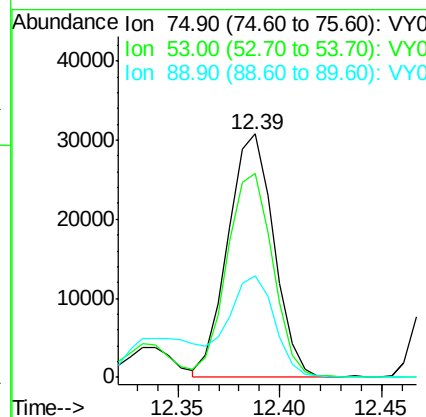
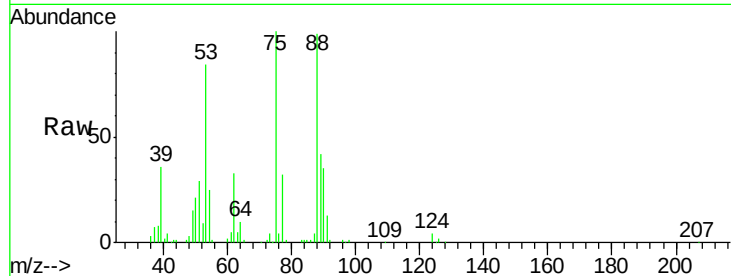
#81
trans-1,4-Dichloro-2-butene
Concen: 52.129 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.1	69.9	104.9
89	42.1	36.6	54.8

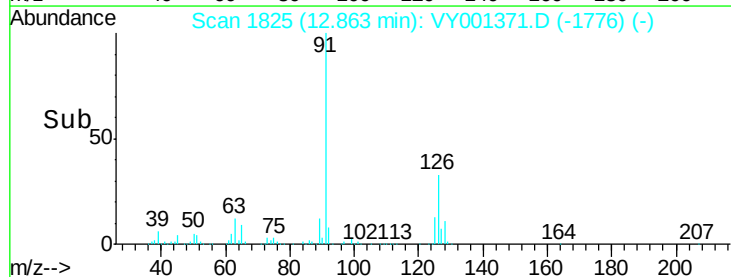
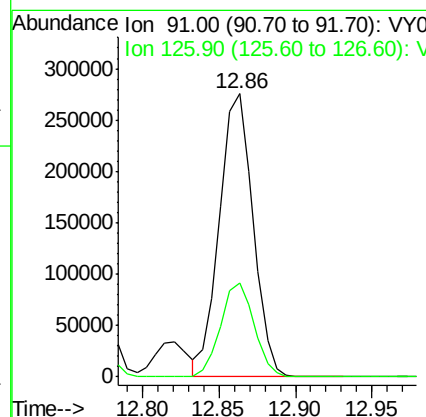
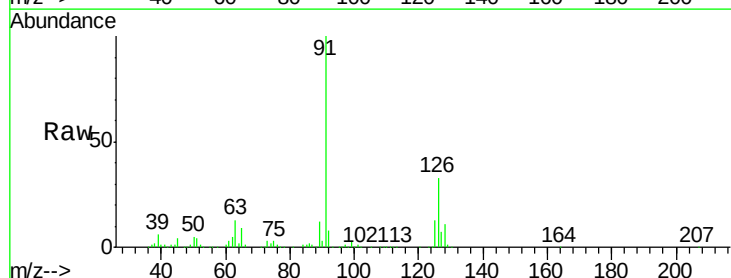
Manual Integrations
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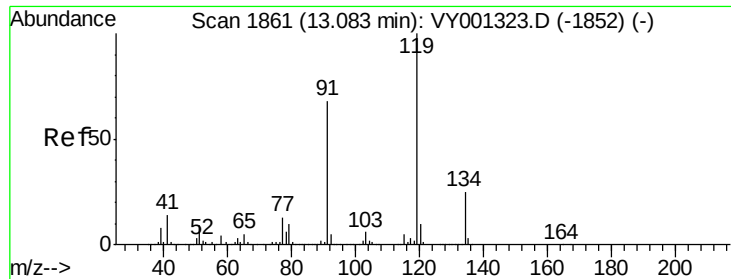
MMDadoda
1/27/2020 12:01:55 PM



#82
4-Chlorotoluene
Concen: 50.692 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





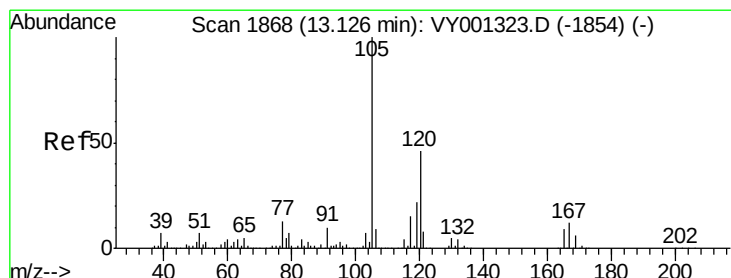
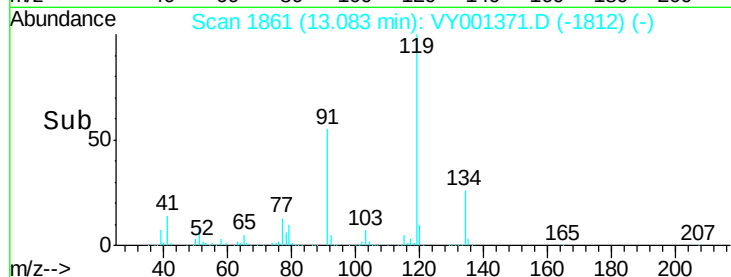
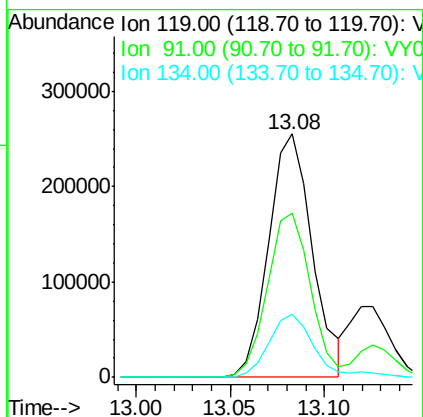
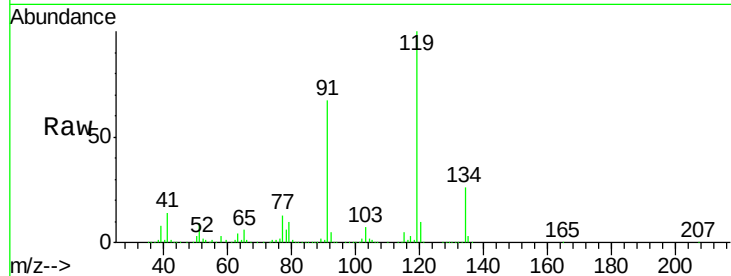
#83
 tert-Butylbenzene
 Concen: 51.523 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.0	99.0
134	27.1	13.3	39.9

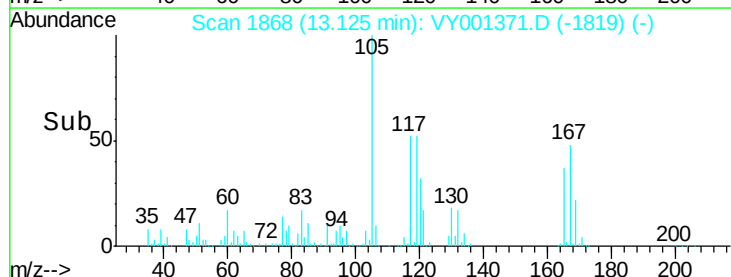
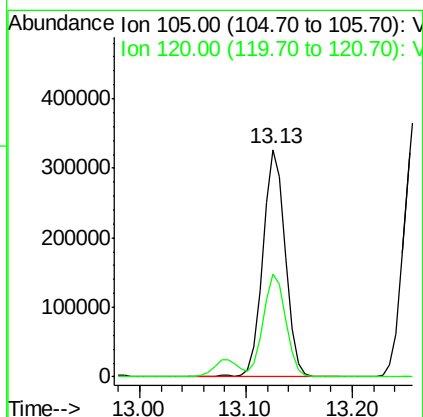
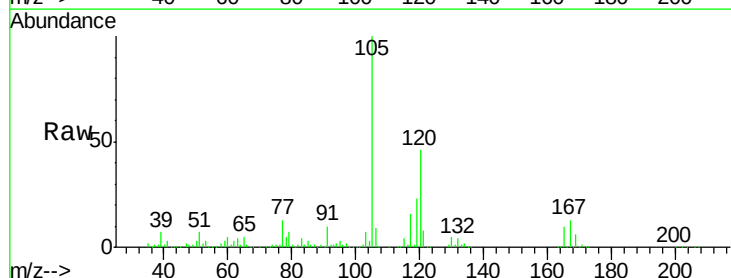
Manual Integrations
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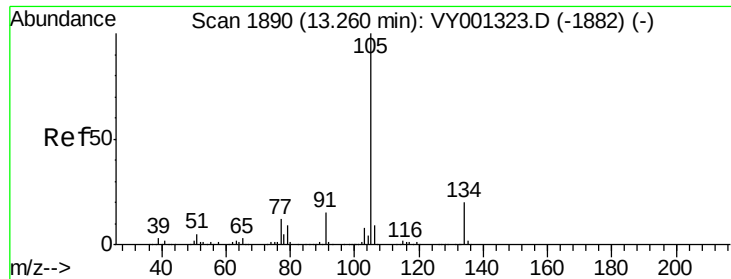
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.794 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.3





#85

sec-Butylbenzene

Concen: 52.371 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 592505

Ion Ratio Lower Upper

105 100

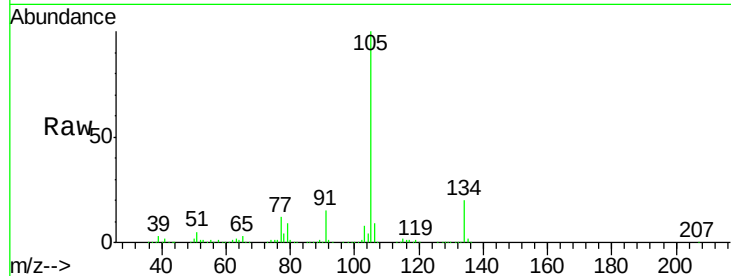
134 19.7 9.8 29.4

Manual Integrations

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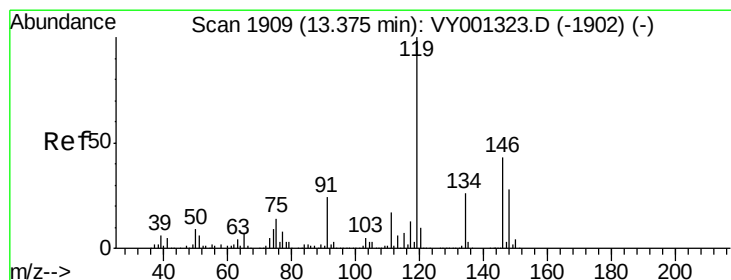
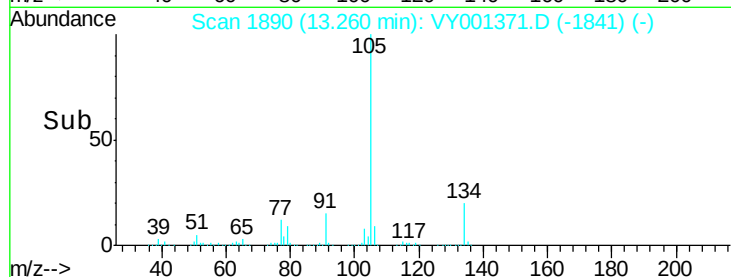
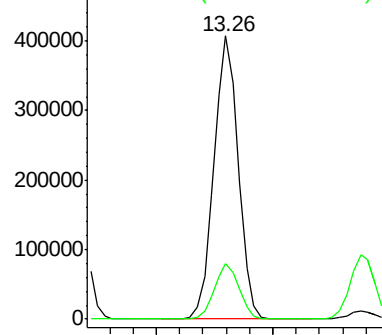
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.920 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

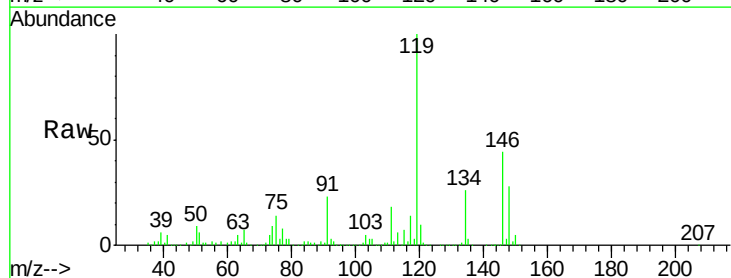
Tgt Ion:119 Resp: 517642

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

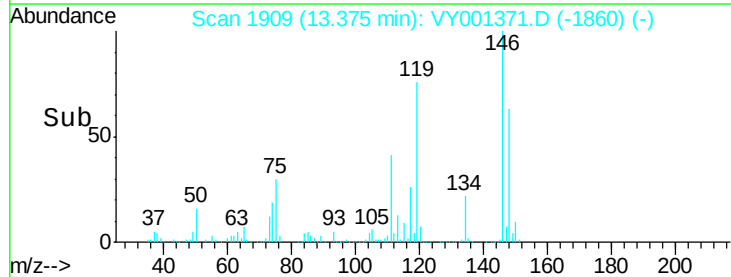
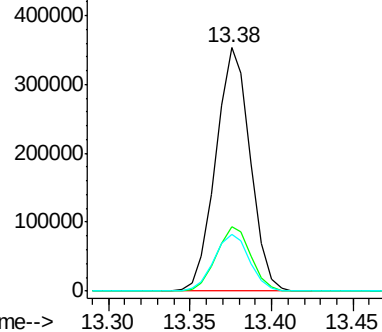
91 23.9 12.2 36.6

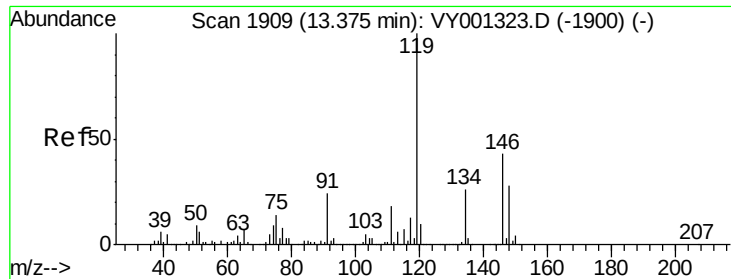


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





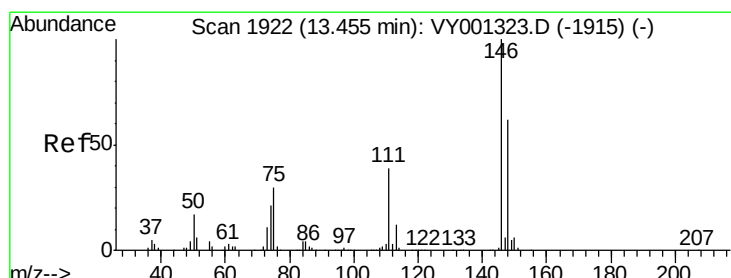
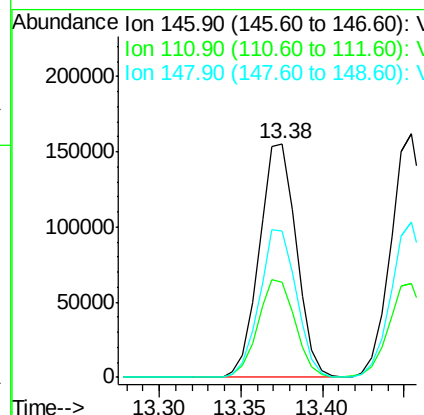
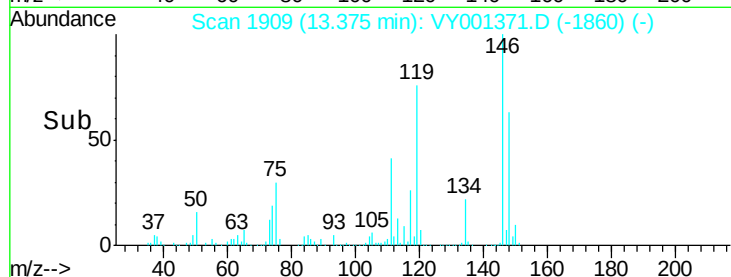
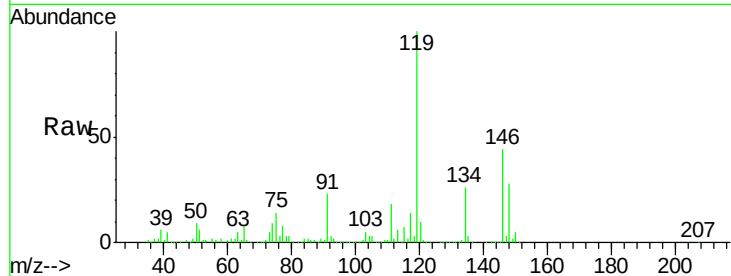
#87
 1,3-Dichlorobenzene
 Concen: 51.012 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	246266		
111	41.8	20.6	61.8	
148	62.7	31.6	95.0	

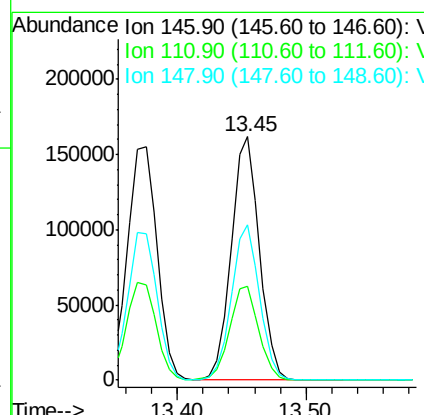
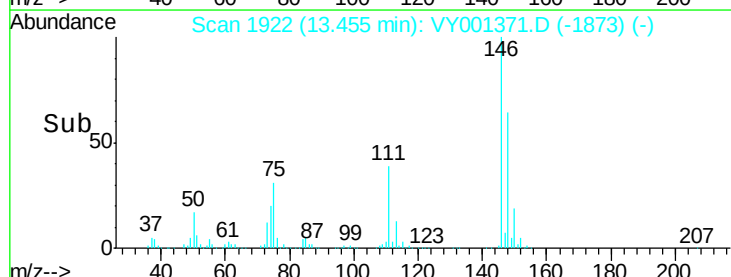
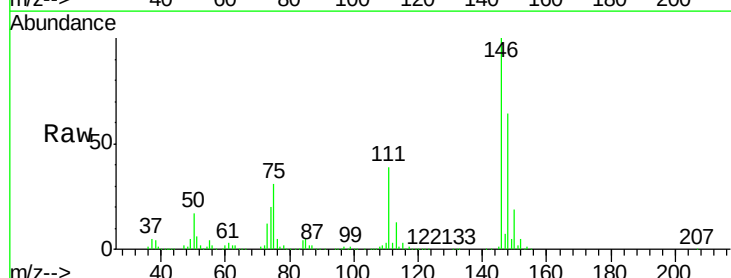
Manual Integrations
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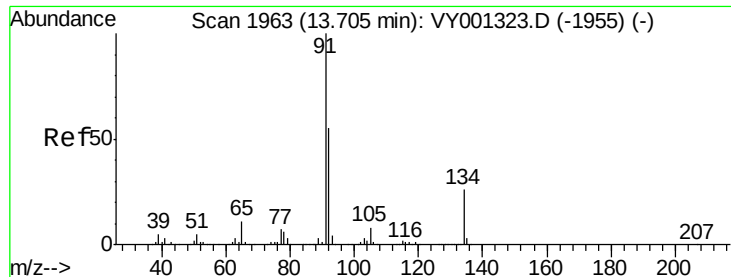
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#88
 1,4-Dichlorobenzene
 Concen: 50.490 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	247486		
111	39.8	20.5	61.5	
148	63.5	31.6	95.0	





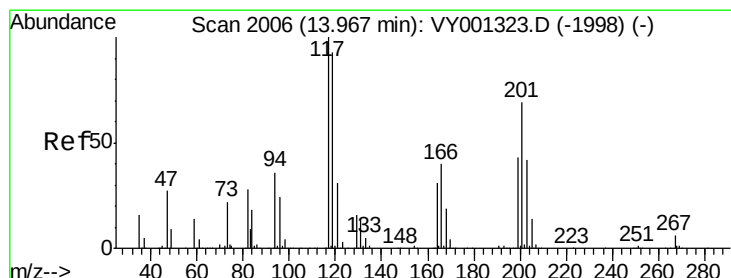
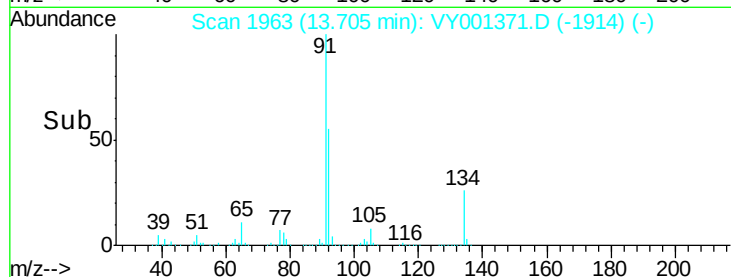
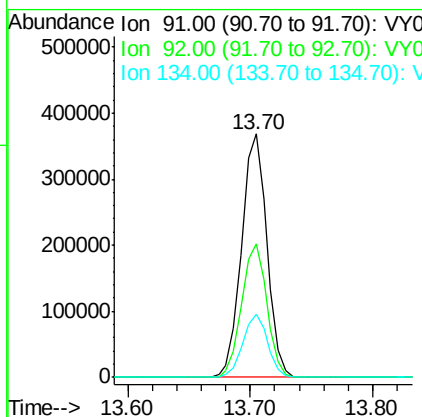
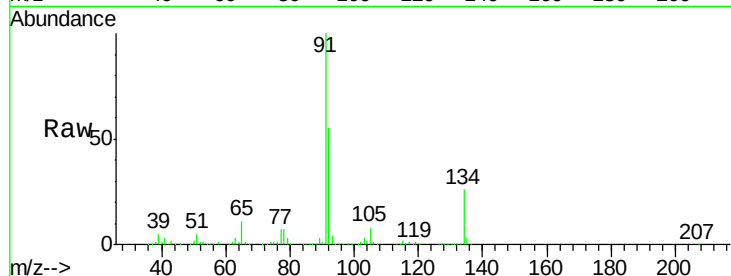
#89
n-Butylbenzene
Concen: 52.426 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.8
134	25.4	12.9	38.6

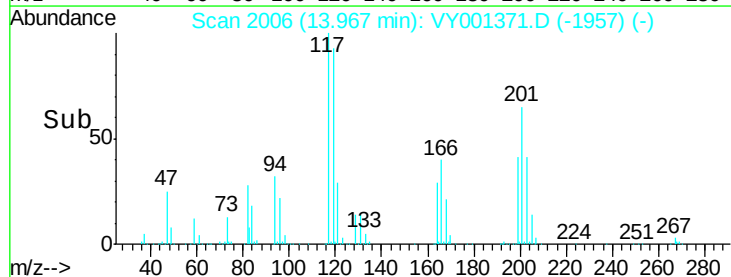
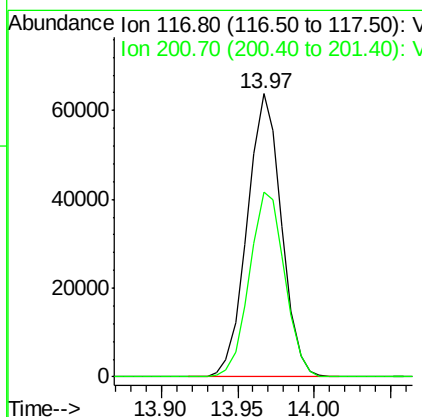
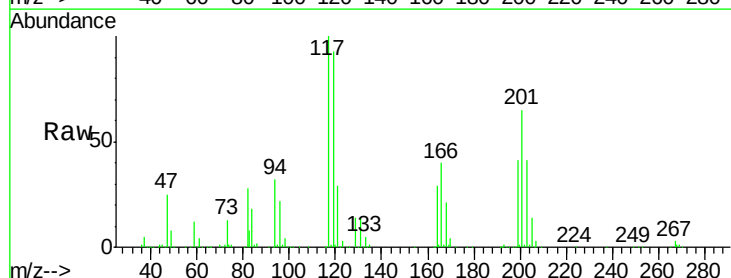
Manual Integrations
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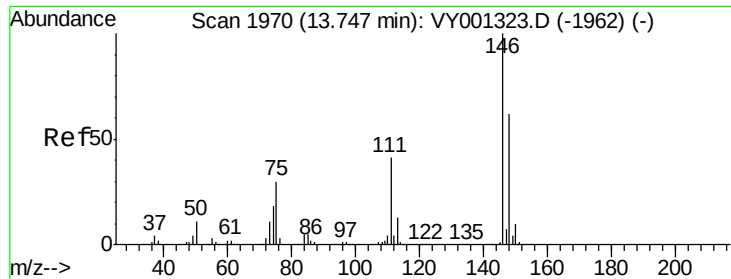
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#90
Hexachloroethane
Concen: 52.566 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.4	34.6	103.8





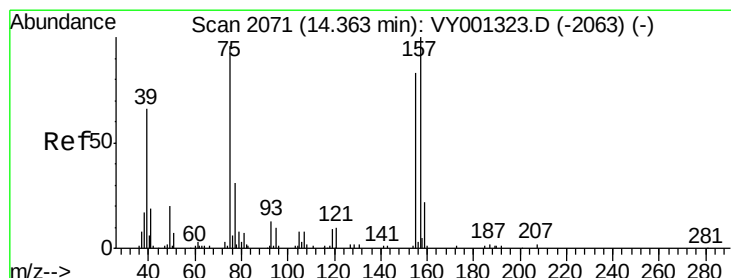
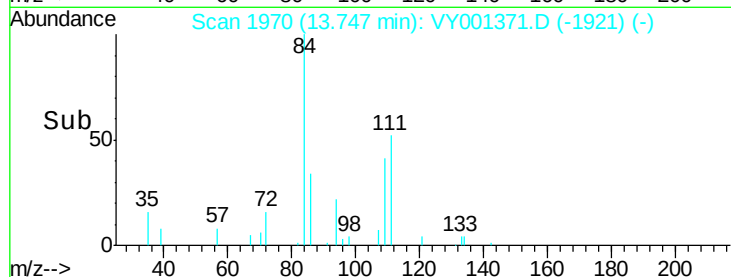
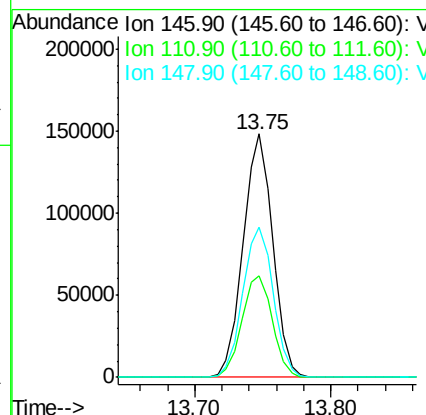
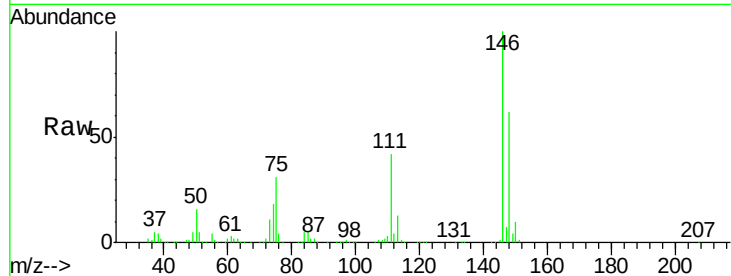
#91
 1,2-Dichlorobenzene
 Concen: 50.719 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.4
148	63.5	31.5	94.5

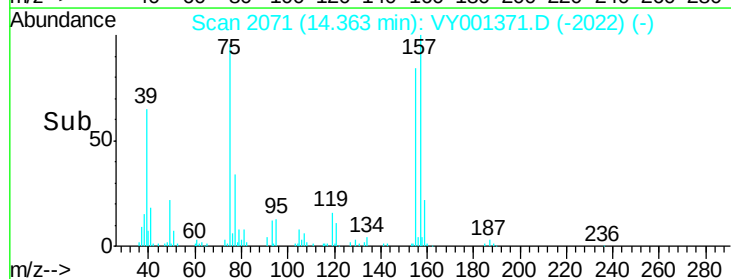
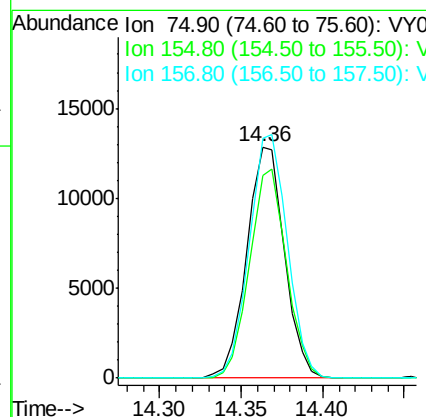
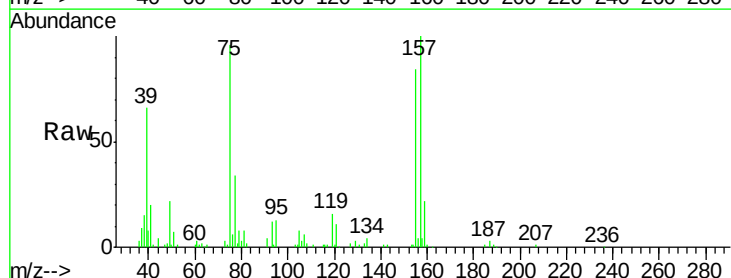
Manual Integrations
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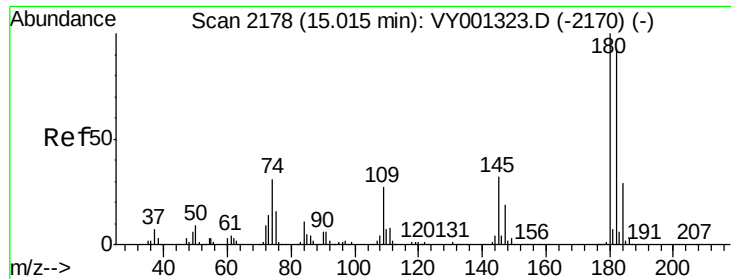
MMDadoda
 1/27/2020 12:01:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.472 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.7	43.0	129.2
157	106.4	53.3	160.0





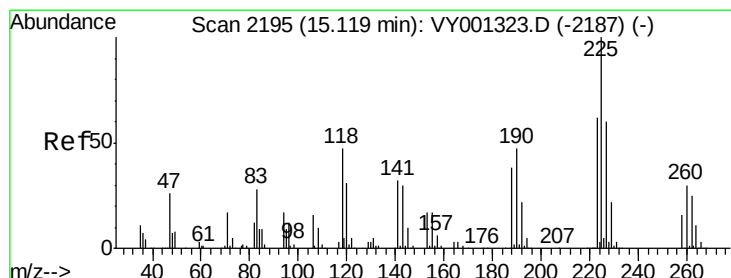
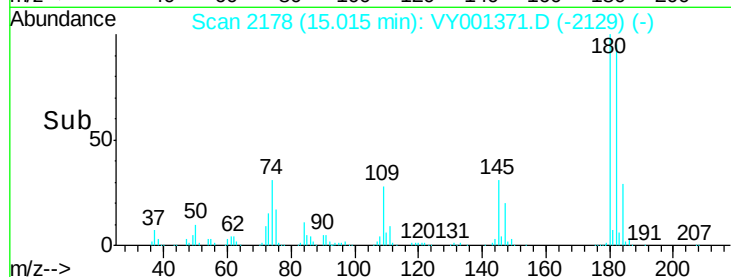
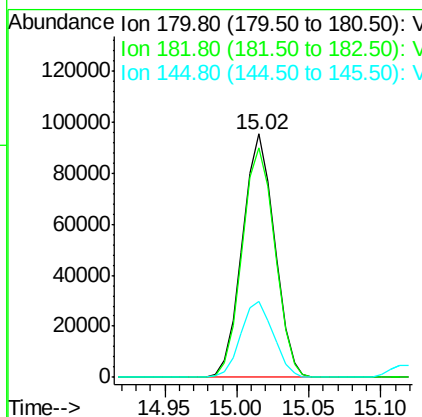
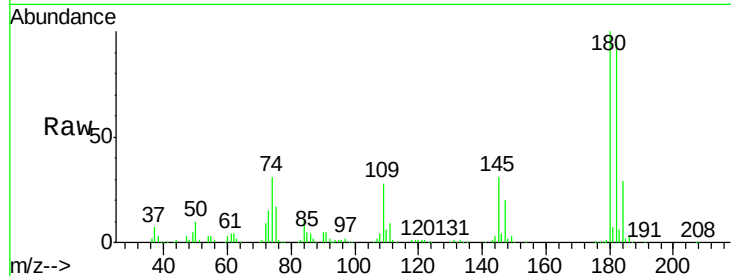
#93
 1,2,4-Trichlorobenzene
 Concen: 49.433 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	31.7	16.3	48.9

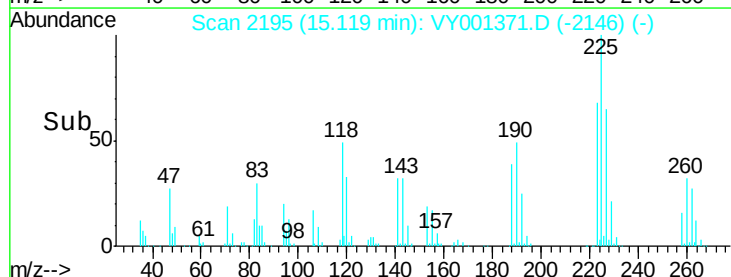
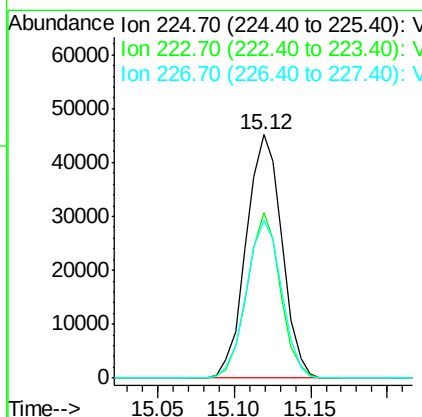
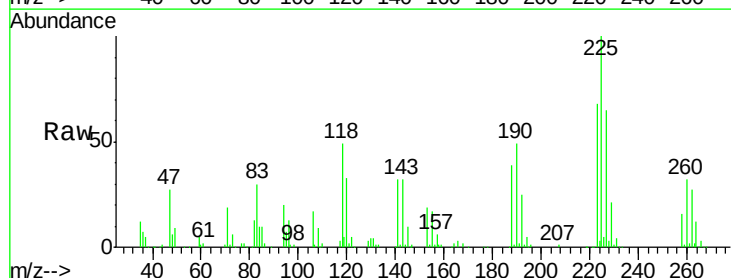
Manual Integrations
 APPROVED

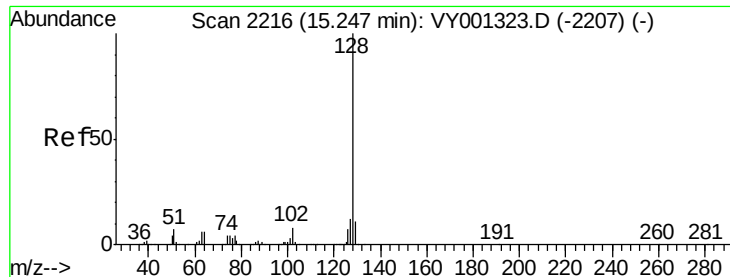
MMDadoda
 1/27/2020 12:01:55 PM



#94
 Hexachlorobutadiene
 Concen: 50.303 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.2	93.6
227	63.8	31.0	93.0





#95

Naphthalene

Concen: 50.709 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

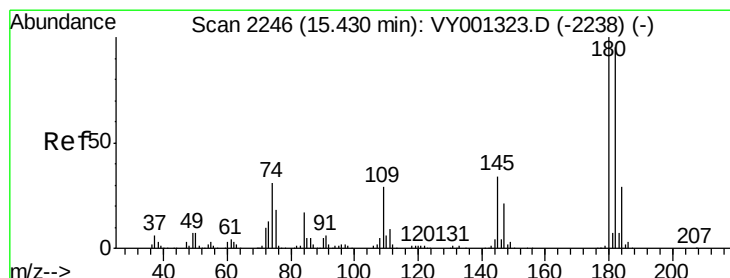
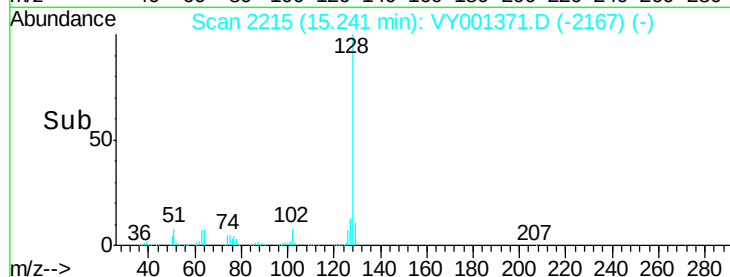
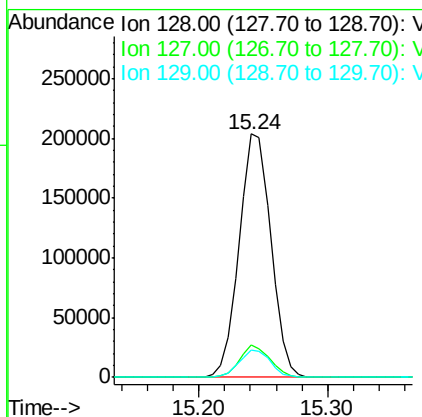
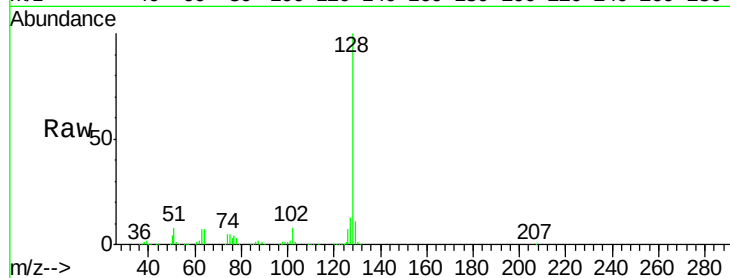
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	346483
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/27/2020 12:01:55 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.731 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Tgt Ion:	180	Resp:	130357
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	141.8
145	32.9	16.8	50.3

