

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003331.D
 Acq On : 23 Jul 2020 21:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 12:58:32 PM

Quant Time: Jul 24 06:38:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	423866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	648077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	607967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	325517	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	180521	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	7.72	113	171599	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	10.18	98	622915	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
62) 4-Bromofluorobenzene	12.48	95	226437	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	117343	38.625	ug/l	96
3) Chloromethane	2.11	50	173821	41.249	ug/l	99
4) Vinyl Chloride	2.26	62	188789	43.665	ug/l	100
5) Bromomethane	2.65	94	163982	51.063	ug/l	95
6) Chloroethane	2.80	64	131993	46.480	ug/l	96
7) Trichlorofluoromethane	3.13	101	287651	46.587	ug/l	99
8) Diethyl Ether	3.54	74	109087	52.724	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	176471	47.323	ug/l	98
10) Methyl Iodide	4.10	142	154029	38.019	ug/l	97
11) Tert butyl alcohol	4.96	59	102635	265.310	ug/l	98
12) 1,1-Dichloroethene	3.88	96	167238	47.415	ug/l	98
13) Acrolein	3.74	56	66246	197.293	ug/l	98
14) Allyl chloride	4.49	41	273439	52.246	ug/l	97
15) Acrylonitrile	5.18	53	282921	284.663	ug/l	100
16) Acetone	3.96	43	218832	273.840	ug/l	94
17) Carbon Disulfide	4.20	76	483459	44.669	ug/l	100
18) Methyl Acetate	4.49	43	133745	60.265	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	520141	52.623	ug/l	99
20) Methylene Chloride	4.72	84	224516	56.561	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	193890	48.601	ug/l	95
22) Diisopropyl ether	6.13	45	637143	54.853	ug/l	99
23) Vinyl Acetate	6.07	43	2106051	272.030	ug/l	99
24) 1,1-Dichloroethane	6.03	63	353213	52.488	ug/l	99
25) 2-Butanone	6.99	43	370197	282.144	ug/l	98
26) 2,2-Dichloropropane	6.99	77	293376	48.409	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	227284	51.745	ug/l	99
28) Bromochloromethane	7.34	49	170403	58.487	ug/l	97
29) Tetrahydrofuran	7.35	42	250586	284.292	ug/l	98
30) Chloroform	7.52	83	362935	52.365	ug/l	97
31) Cyclohexane	7.79	56	298423	45.860	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	315296	50.532	ug/l	99
36) 1,1-Dichloropropene	7.92	75	269462	45.876	ug/l	99
37) Ethyl Acetate	7.08	43	169746	53.663	ug/l	98
38) Carbon Tetrachloride	7.91	117	283820	46.806	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	328512	44.522	ug/l	97
40) Benzene	8.16	78	779601	48.203	ug/l	98
41) Methacrylonitrile	7.32	41	88026m	46.206	ug/l	
42) 1,2-Dichloroethane	8.24	62	242176	48.639	ug/l	98
43) Isopropyl Acetate	8.28	43	318673	52.047	ug/l	99
44) Trichloroethene	8.94	130	224725	45.326	ug/l	94
45) 1,2-Dichloropropane	9.22	63	211011	50.422	ug/l	98
46) Dibromomethane	9.31	93	119346	48.827	ug/l	99
47) Bromodichloromethane	9.50	83	294230	50.614	ug/l	99
48) Methyl methacrylate	9.30	41	144542	52.806	ug/l	98
49) 1,4-Dioxane	9.30	88	33132	1068.036	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	848905	266.748	ug/l	100
52) Toluene	10.24	92	495992	47.981	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	304268	50.518	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	341633	49.229	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	173584	50.117	ug/l	97
56) Ethyl methacrylate	10.51	69	245943	52.230	ug/l	99
57) 1,3-Dichloropropane	10.79	76	297719	50.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	646829	269.342	ug/l	99
59) 2-Hexanone	10.83	43	592712	266.800	ug/l	100
60) Dibromochloromethane	10.99	129	220943	50.718	ug/l	99
61) 1,2-Dibromoethane	11.09	107	166148	48.604	ug/l	100
64) Tetrachloroethene	10.72	164	232761	42.938	ug/l	99
65) Chlorobenzene	11.52	112	559741	47.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	220488	48.470	ug/l	99
67) Ethyl Benzene	11.59	91	993790	47.522	ug/l	99
68) m/p-Xylenes	11.70	106	749286	94.433	ug/l	100
69) o-Xylene	12.03	106	357574	48.238	ug/l	100
70) Styrene	12.04	104	620445	48.929	ug/l	99
71) Bromoform	12.20	173	149144	49.954	ug/l	99
73) Isopropylbenzene	12.33	105	973267	46.918	ug/l	100
74) N-amyl acetate	12.14	43	302155	51.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	206482	51.538	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	142484m	49.450	ug/l	
77) Bromobenzene	12.61	156	253253	47.894	ug/l	99
78) n-propylbenzene	12.67	91	1157920	47.355	ug/l	99
79) 2-Chlorotoluene	12.75	91	644510	47.242	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	818668	47.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	72386	48.892	ug/l	98
82) 4-Chlorotoluene	12.85	91	670570	47.092	ug/l	100
83) tert-Butylbenzene	13.07	119	733413	48.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	828805	47.644	ug/l	98
85) sec-Butylbenzene	13.25	105	993798	47.397	ug/l	100
86) p-Isopropyltoluene	13.37	119	926603	47.329	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	470988	47.102	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	472745	47.752	ug/l	100
89) n-Butylbenzene	13.69	91	867272	47.095	ug/l	99
90) Hexachloroethane	13.96	117	181501	50.908	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	428857	48.872	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	32337	49.785	ug/l	99

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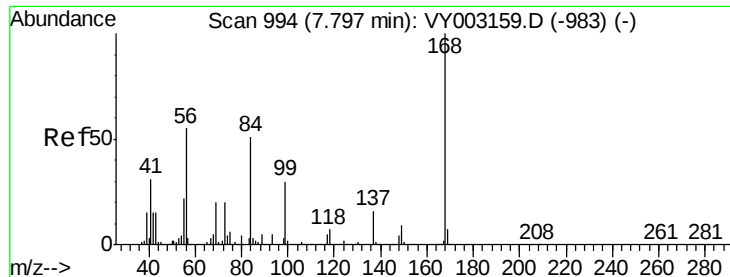
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	297246	47.615	ug/l	99
94) Hexachlorobutadiene	15.11	225	195036	45.595	ug/l	99
95) Naphthalene	15.23	128	531312	51.498	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	245672	49.784	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 423866

Ion Ratio Lower Upper

168 100

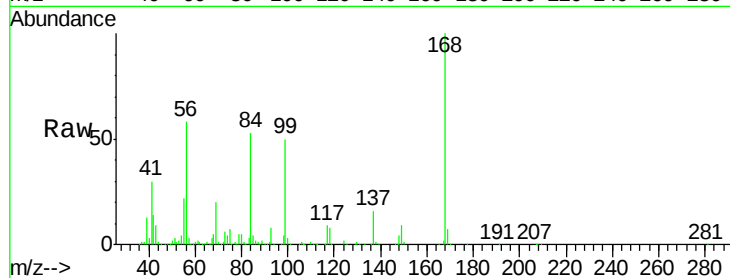
99 50.3 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003331.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003331.D (-945) (-)

7.80

200000

150000

100000

50000

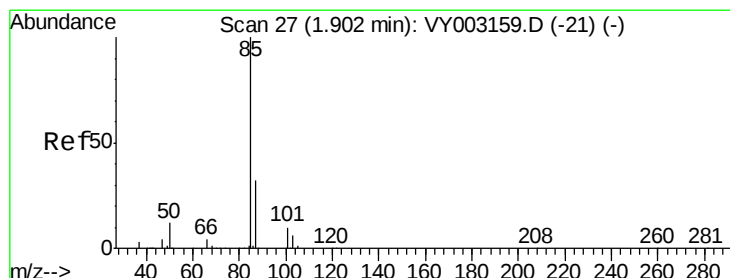
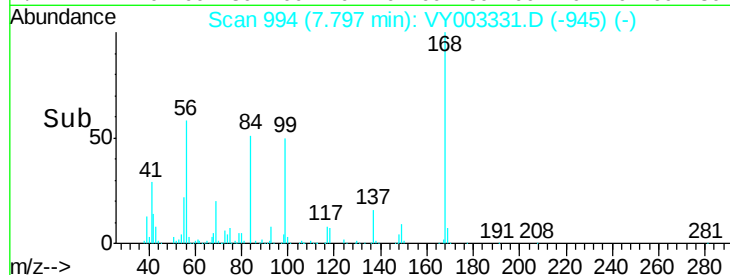
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 38.625 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003331.D

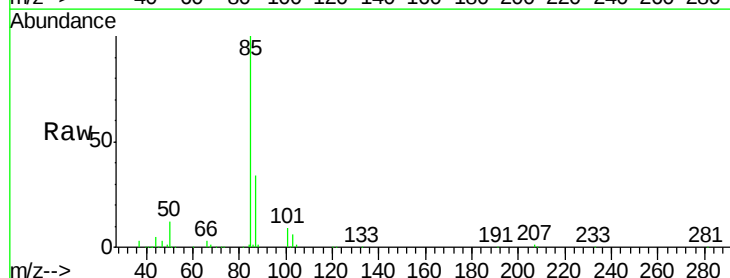
Acq: 23 Jul 2020 21:09

Tgt Ion: 85 Resp: 117343

Ion Ratio Lower Upper

85 100

87 34.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003331.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003331.D (-1) (-)

1.90

80000

60000

40000

20000

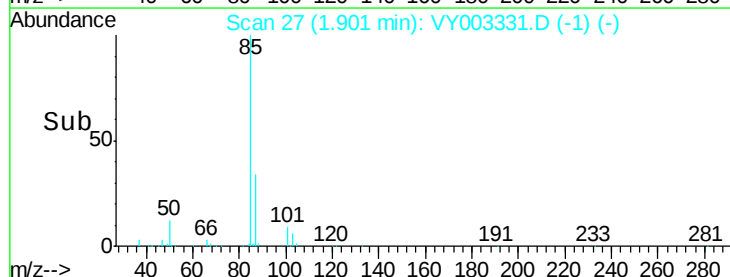
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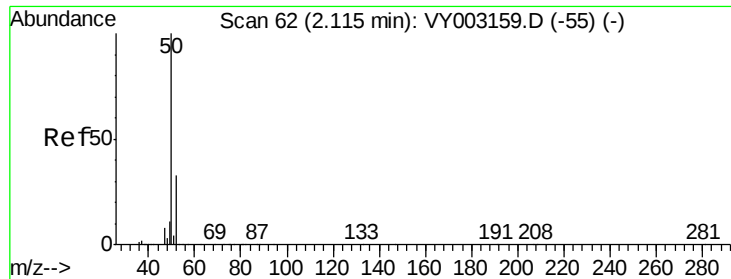
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 41.249 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 173821

Ion Ratio Lower Upper

50 100

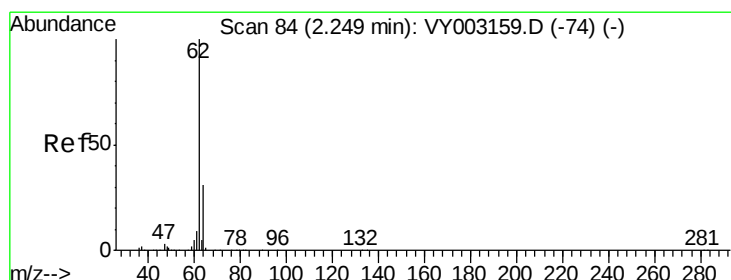
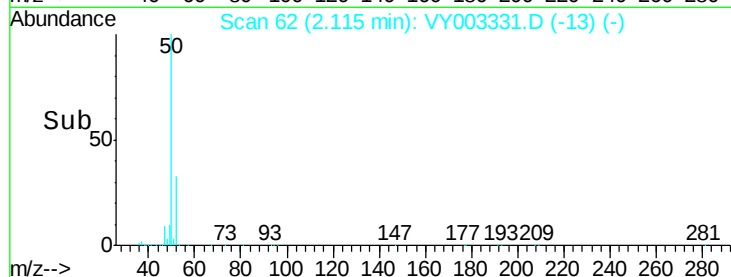
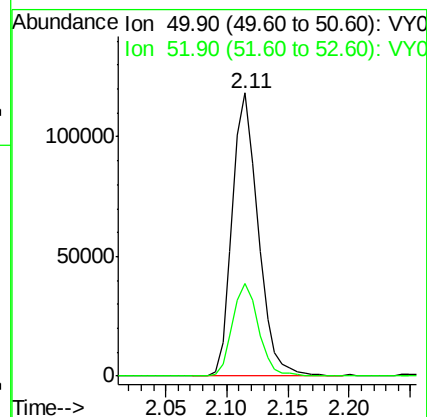
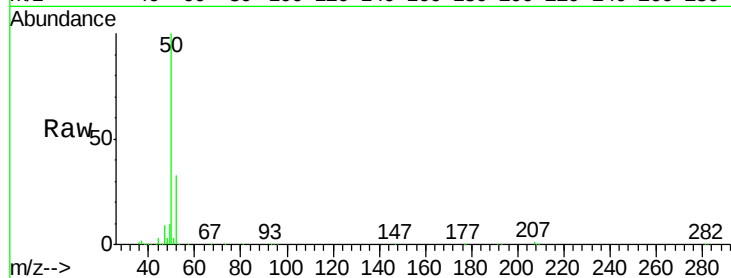
52 32.6 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.665 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003331.D

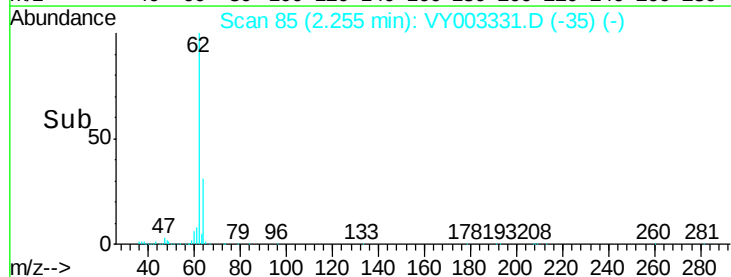
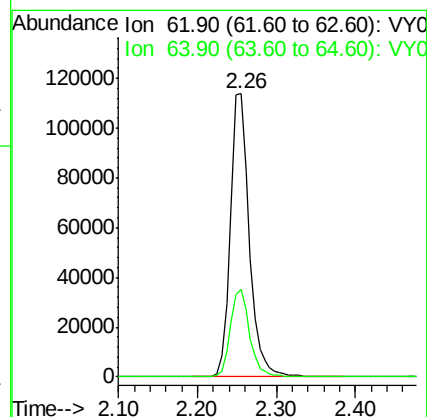
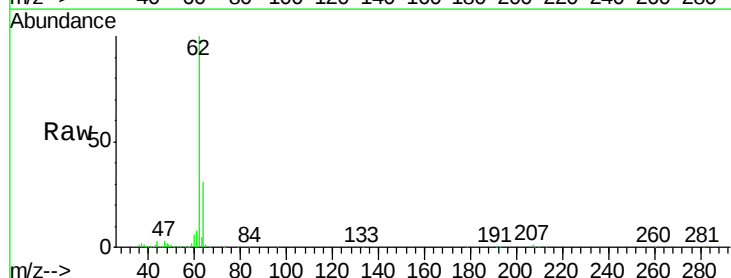
Acq: 23 Jul 2020 21:09

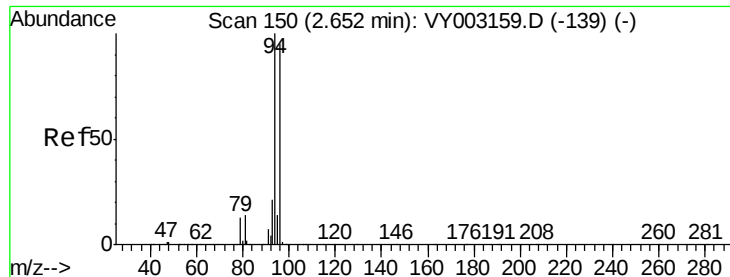
Tgt Ion: 62 Resp: 188789

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 51.063 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 163982

Ion Ratio Lower Upper

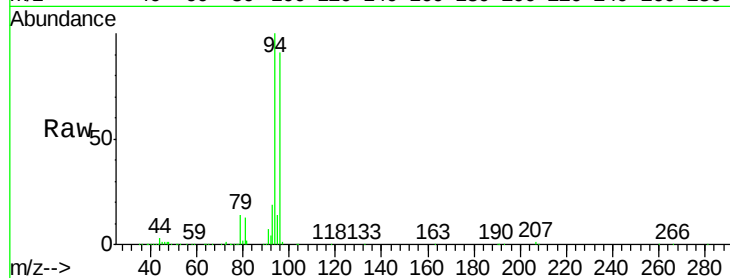
94 100

96 90.3 76.0 114.0

Manual Integrations
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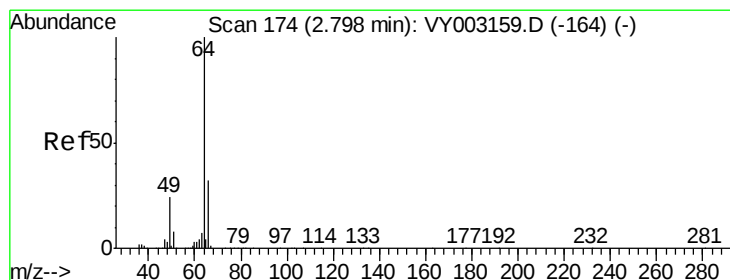
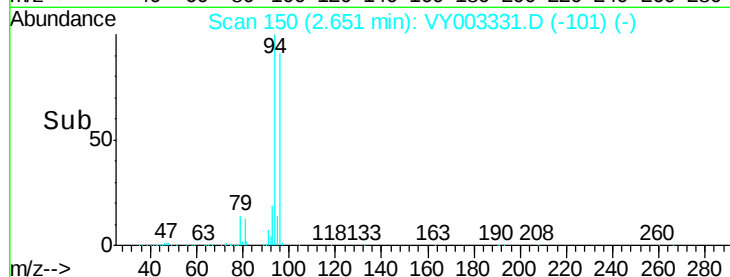
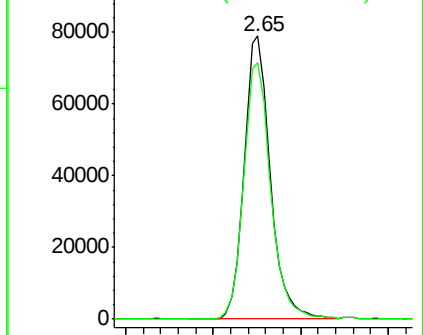
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.480 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003331.D

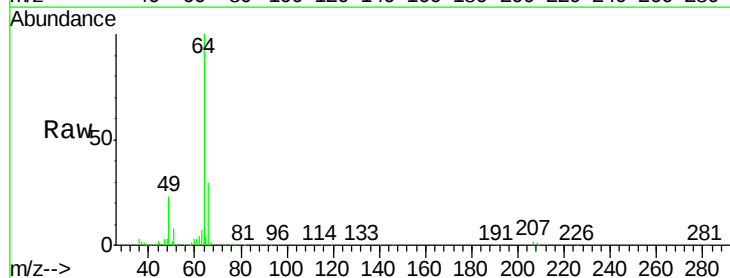
Acq: 23 Jul 2020 21:09

Tgt Ion: 64 Resp: 131993

Ion Ratio Lower Upper

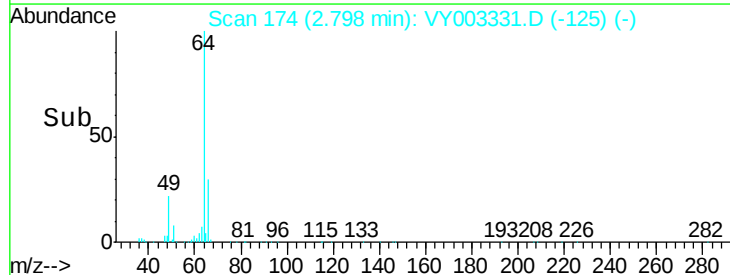
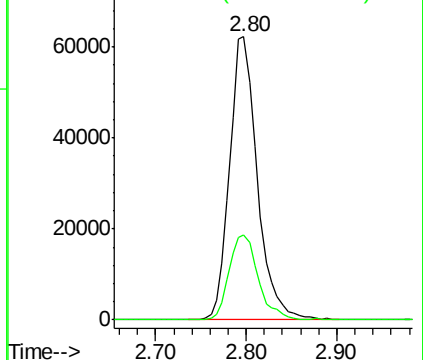
64 100

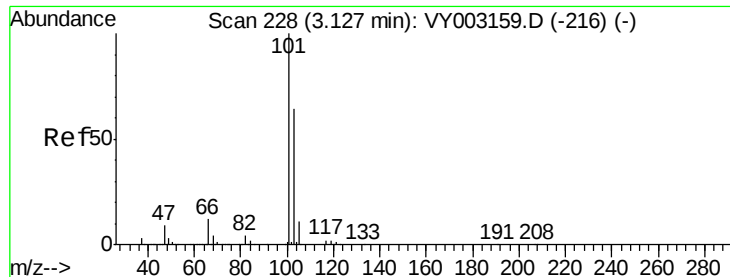
66 30.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

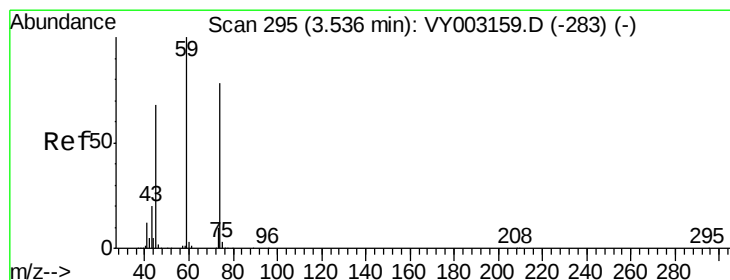
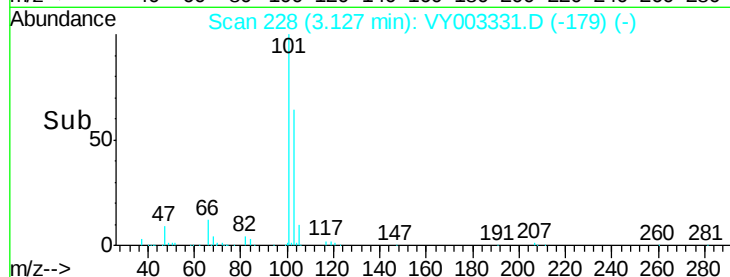
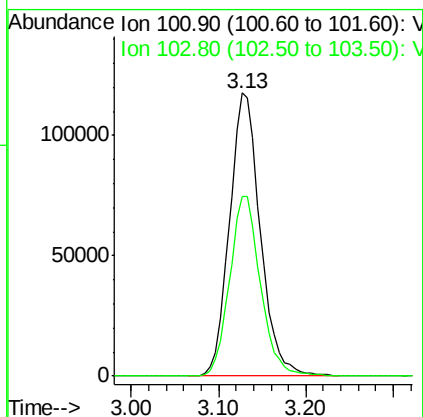
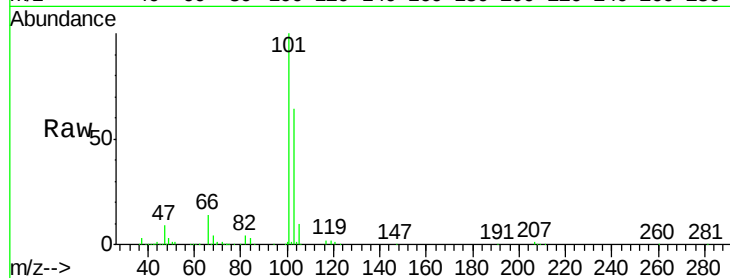
Trichlorofluoromethane
 Concen: 46.587 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.3	76.9

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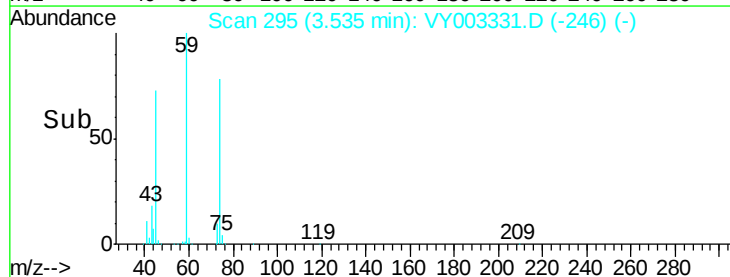
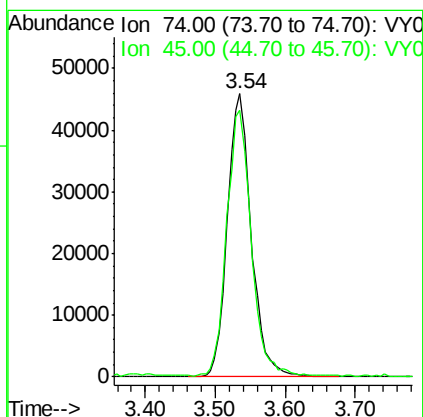
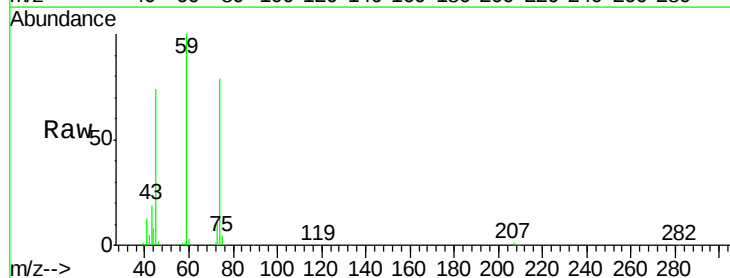
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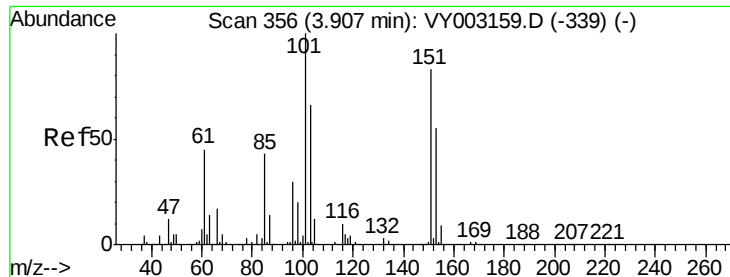


#8

Diethyl Ether
 Concen: 52.724 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.323 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

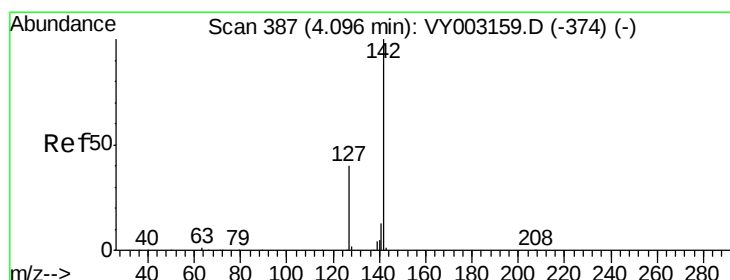
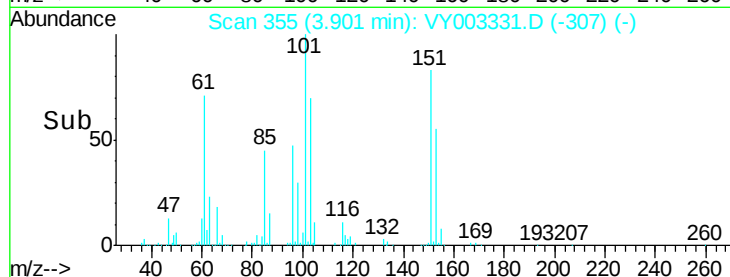
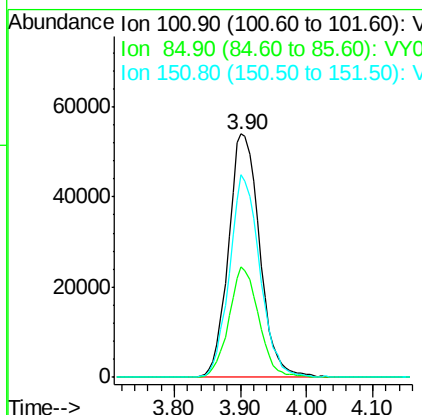
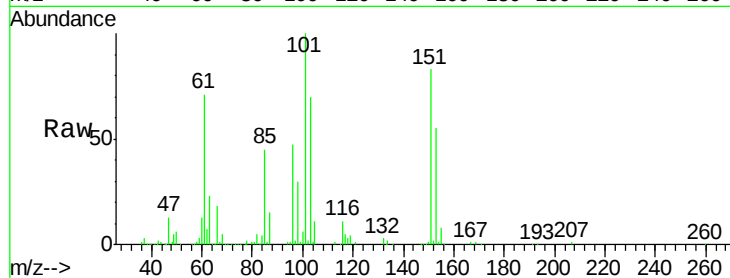
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	176471
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.9	52.3
151	81.1	67.0	100.6

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#10

Methyl Iodide

Concen: 38.019 ug/l

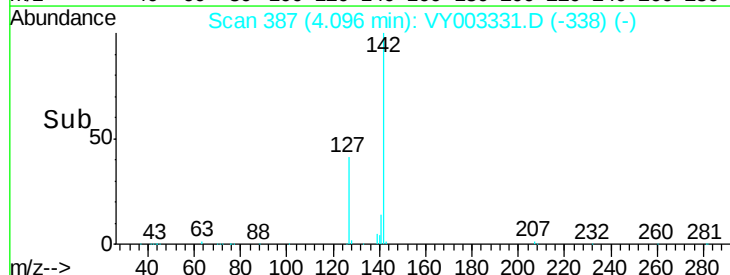
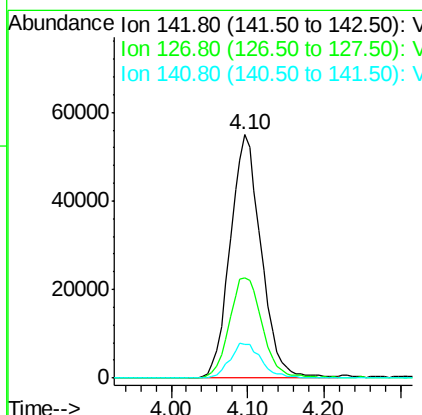
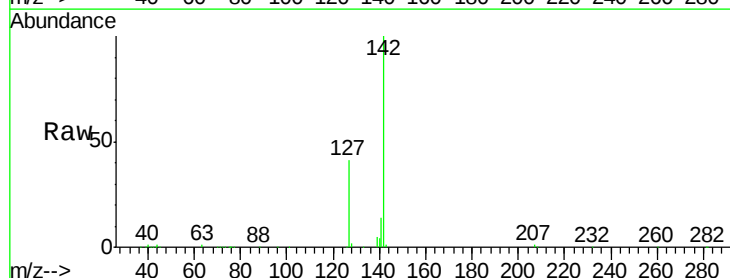
RT: 4.10 min Scan# 387

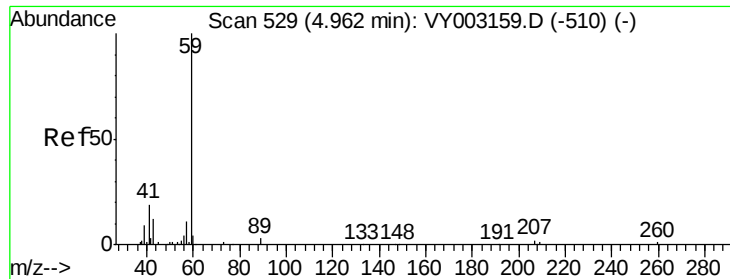
Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Tgt Ion:	142	Resp:	154029
Ion Ratio	Lower	Upper	
142	100		
127	43.7	33.5	50.3
141	14.8	11.2	16.8





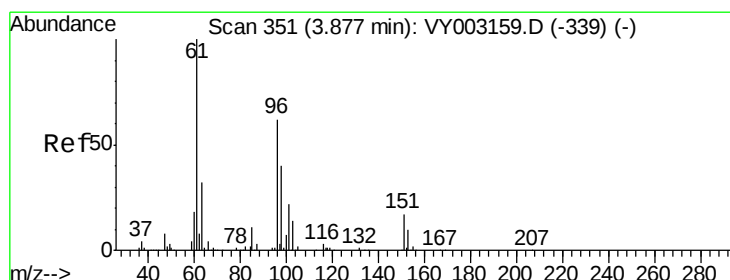
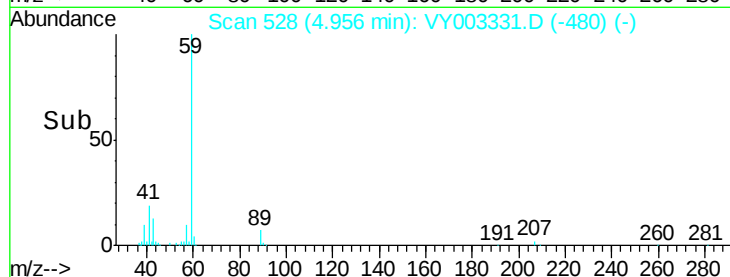
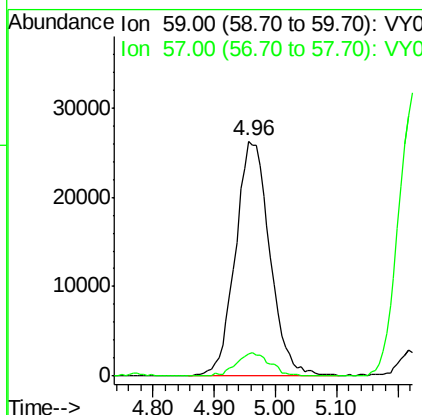
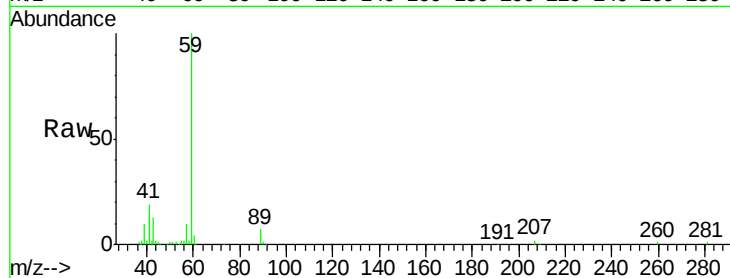
#11
Tert butyl alcohol
Concen: 265.310 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.4	12.6

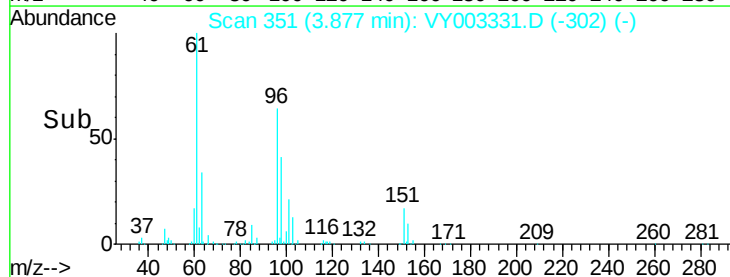
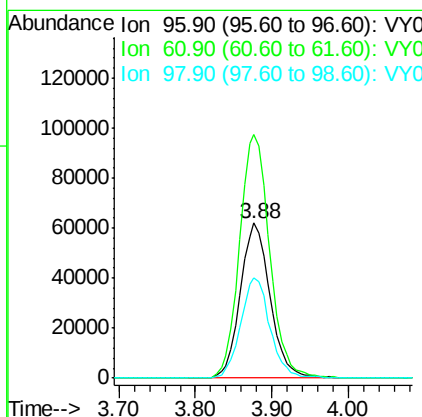
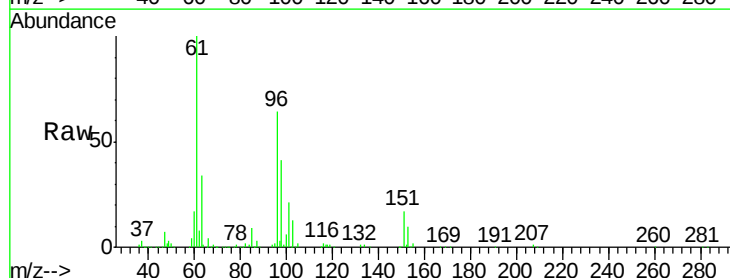
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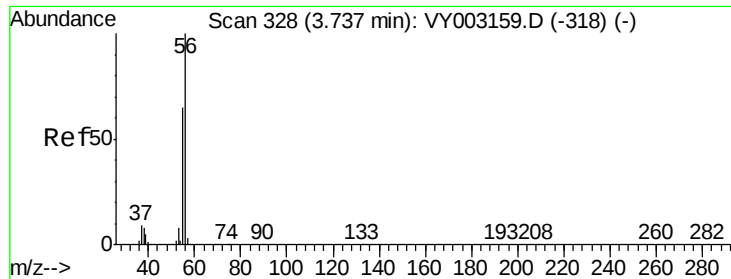
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.415 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.5	128.6	193.0
98	65.2	51.6	77.4





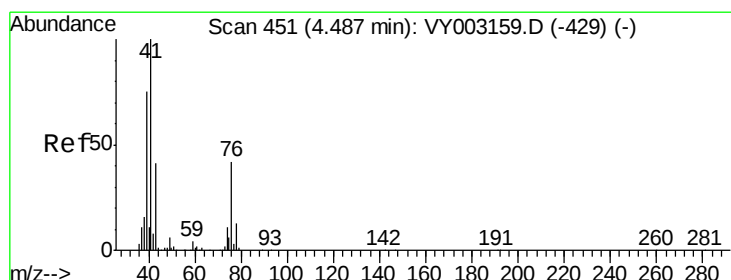
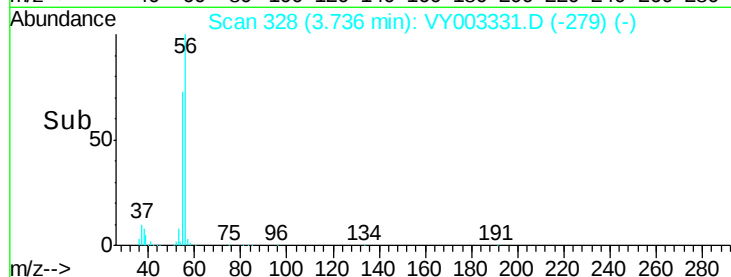
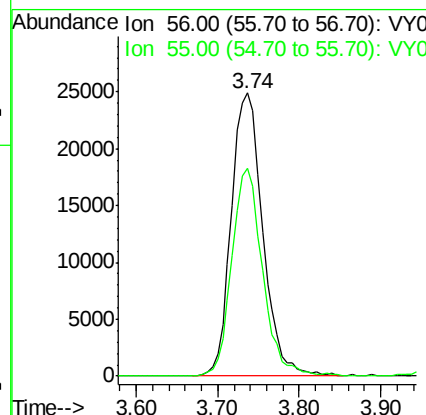
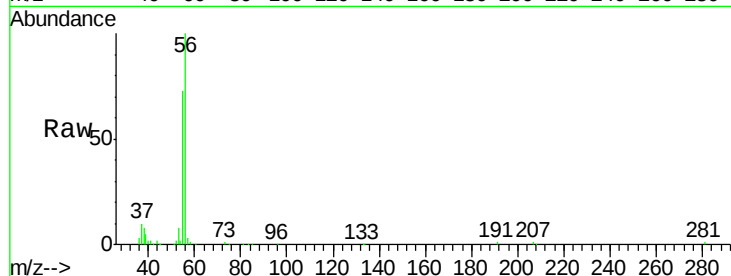
#13
Acrolein
Concen: 197.293 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.4	56.0	84.0

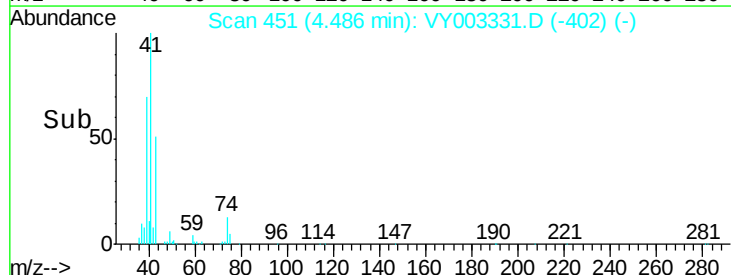
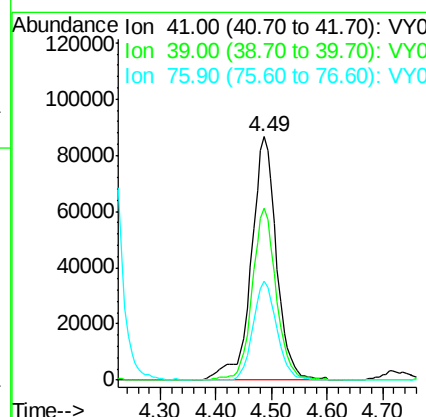
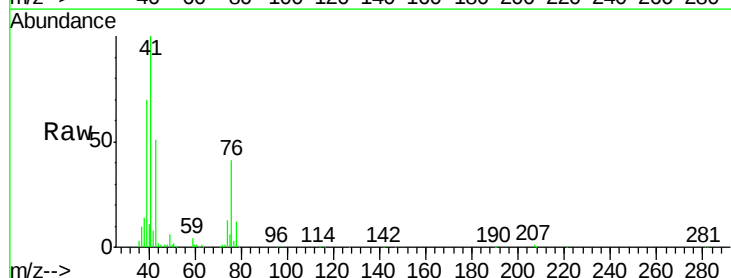
Manual Integrations
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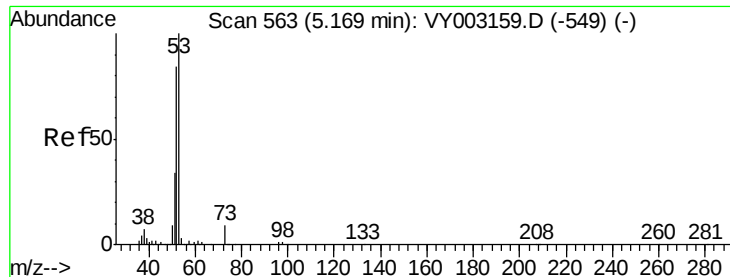
MMDadoda
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#14
Allyl chloride
Concen: 52.246 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	67.2	56.6	85.0
76	76	38.3	31.6	47.4





#15

Acrylonitrile

Concen: 284.663 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

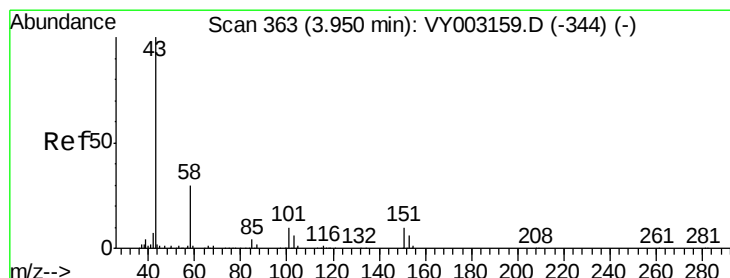
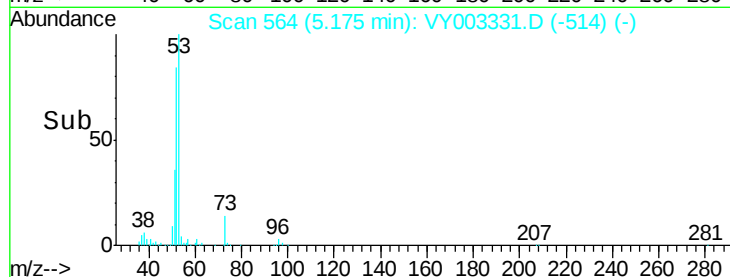
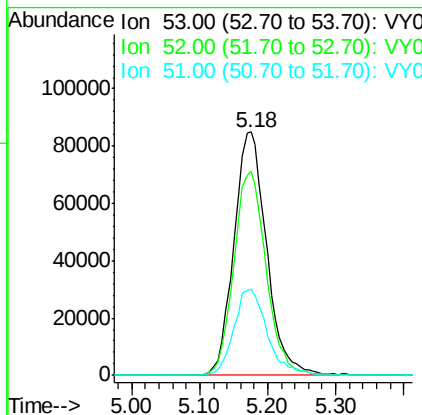
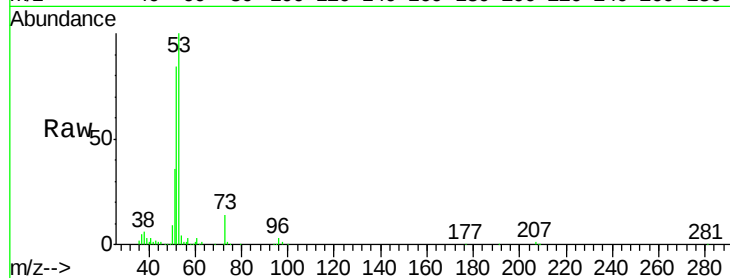
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	282921
Ion Ratio	Lower	Upper	
53	100		
52	82.7	65.8	98.6
51	36.3	29.0	43.4

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#16

Acetone

Concen: 273.840 ug/l

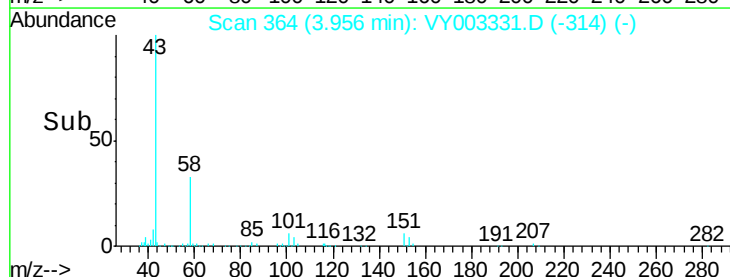
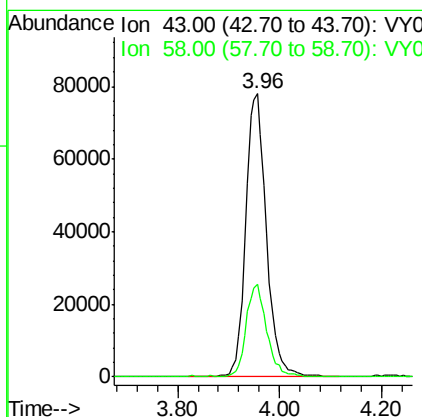
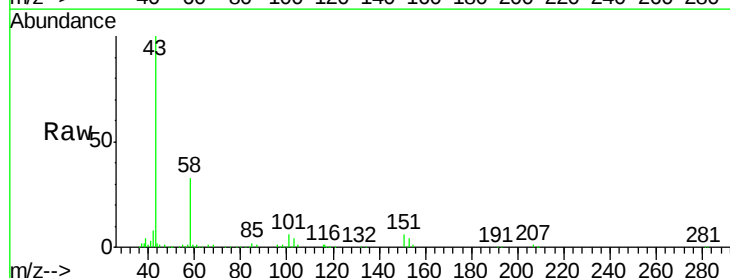
RT: 3.96 min Scan# 364

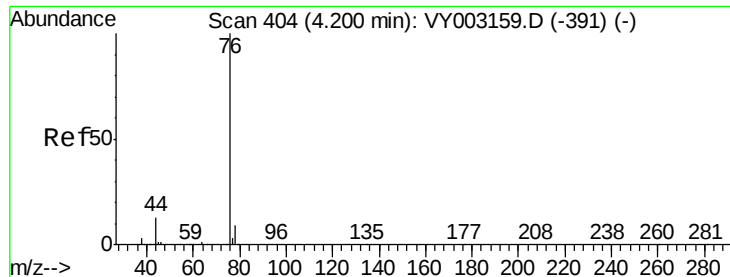
Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Tgt Ion:	43	Resp:	218832
Ion Ratio	Lower	Upper	
43	100		
58	32.9	23.8	35.6





#17

Carbon Disulfide

Concen: 44.669 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 483459

Ion Ratio Lower Upper

76 100

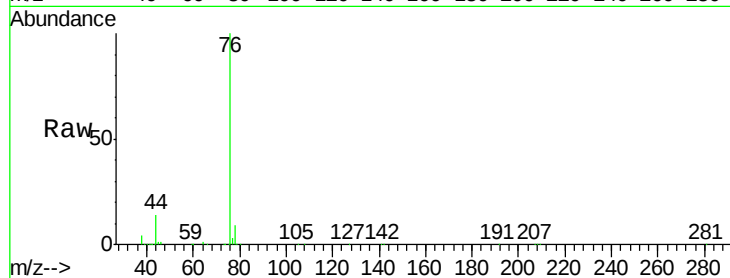
78 9.0 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

200000

150000

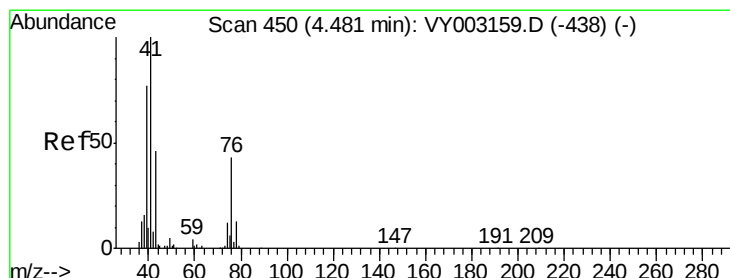
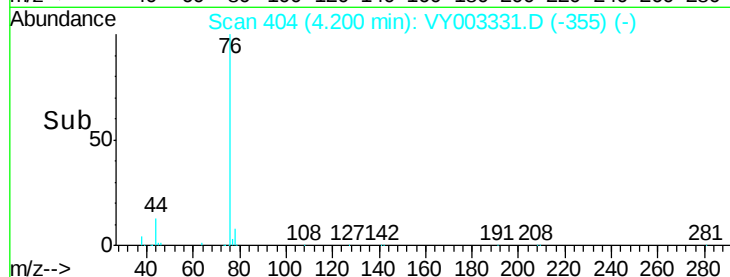
100000

50000

0

4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 60.265 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003331.D

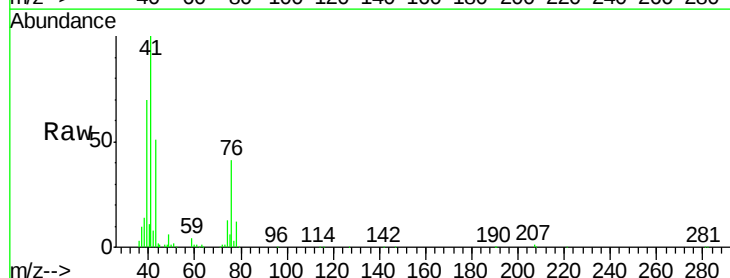
Acq: 23 Jul 2020 21:09

Tgt Ion: 43 Resp: 133745

Ion Ratio Lower Upper

43 100

74 24.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

50000

40000

30000

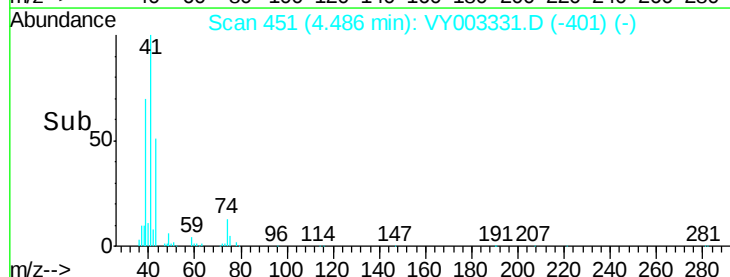
20000

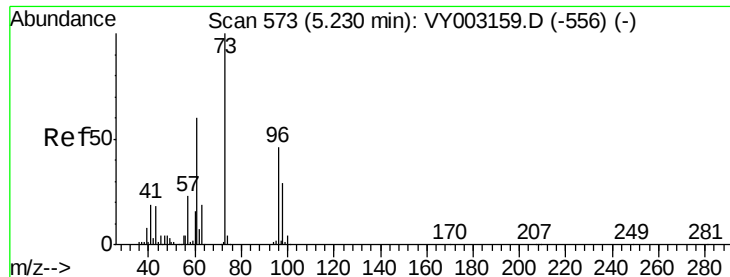
10000

0

4.30 4.40 4.50 4.60 4.70

Time-->





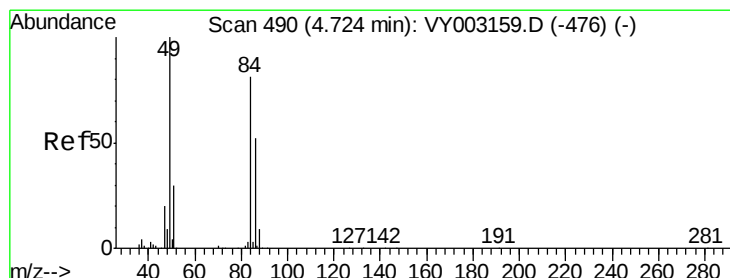
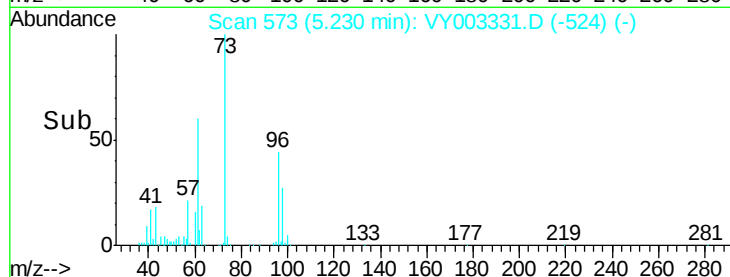
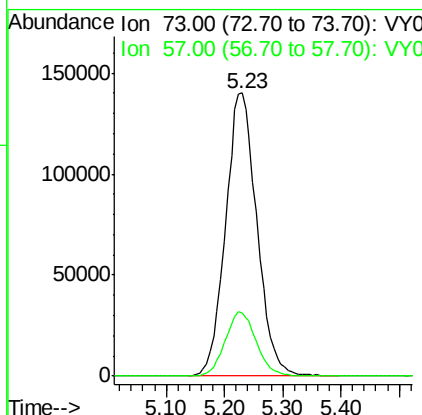
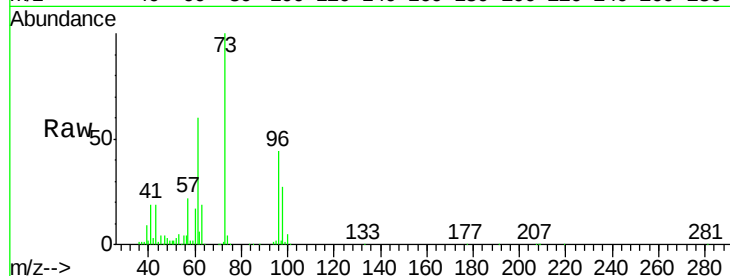
#19
Methvl tert-butvl Ether
Concen: 52.623 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 520141
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1

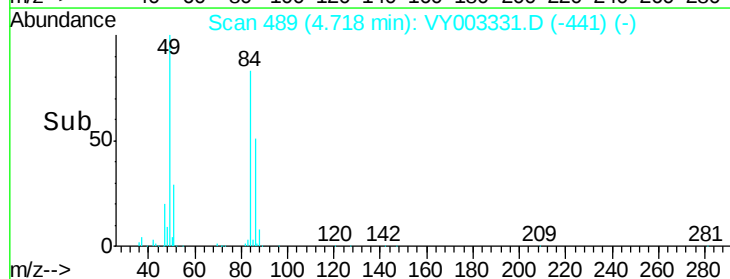
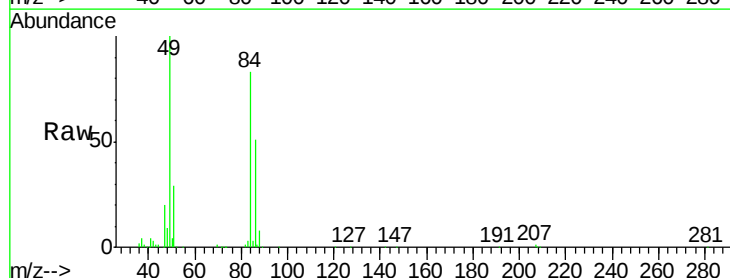
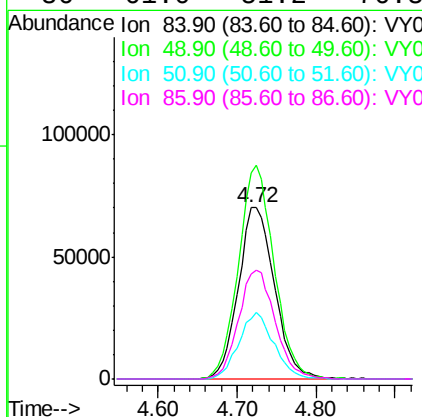
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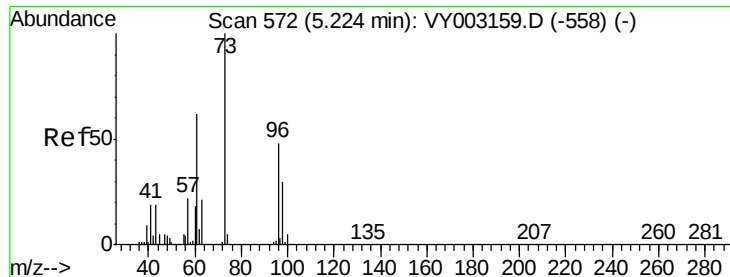
MMDadoda
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#20
Methylene Chloride
Concen: 56.561 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 84 Resp: 224516
Ion Ratio Lower Upper
84 100
49 120.3 98.2 147.4
51 35.3 29.8 44.6
86 61.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 48.601 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

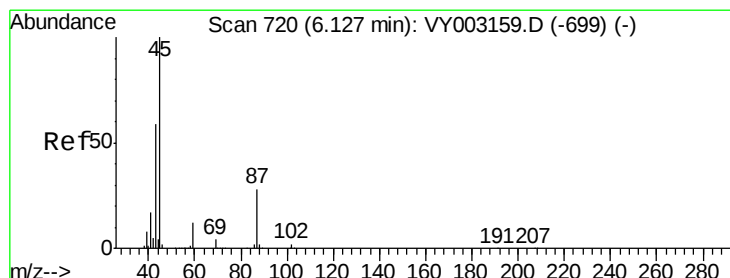
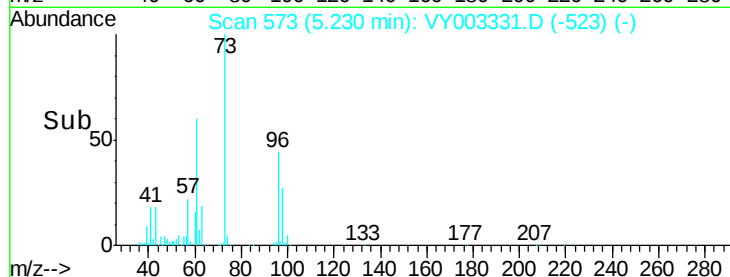
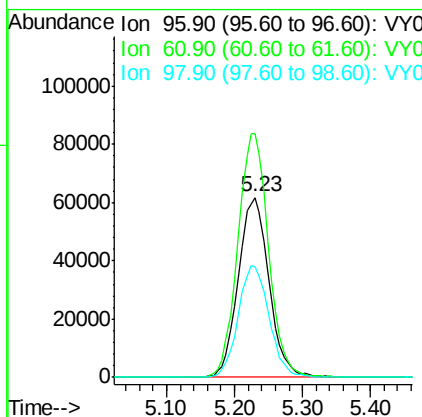
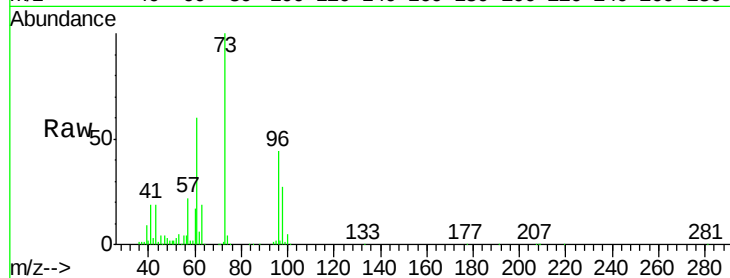
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	193890
Ion	Ratio	Lower	Upper
96	100		
61	135.5	102.5	153.7
98	61.2	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.853 ug/l

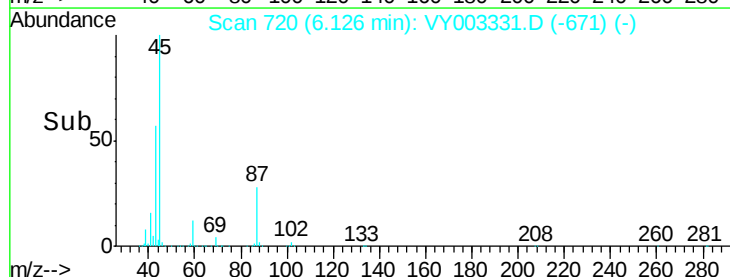
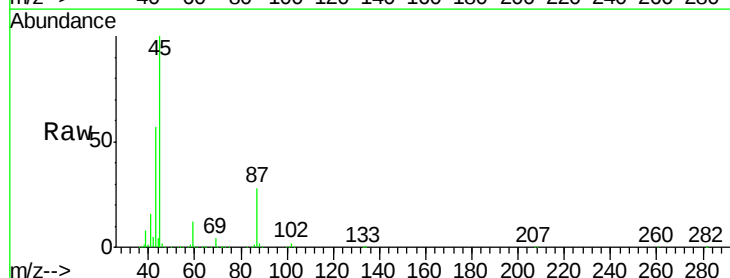
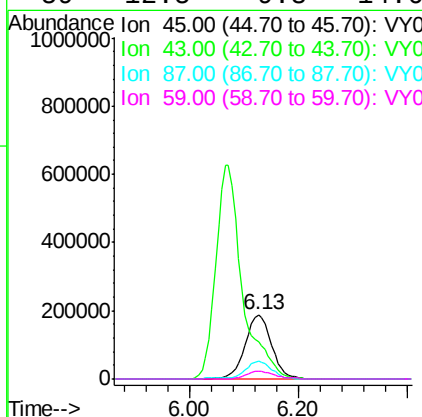
RT: 6.13 min Scan# 720

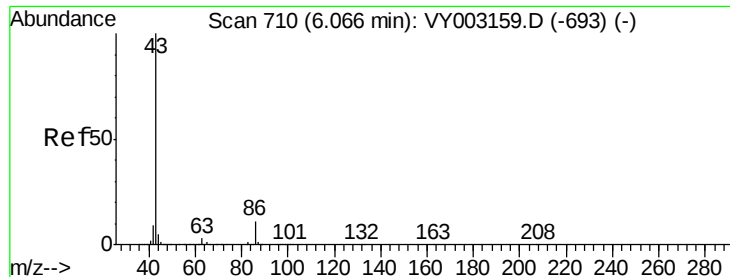
Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Tgt Ion:	45	Resp:	637143
Ion	Ratio	Lower	Upper
45	100		
43	57.2	47.0	70.4
87	28.4	22.6	33.8
59	12.5	9.8	14.6





#23

Vinyl Acetate

Concen: 272.030 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2106051

Ion Ratio Lower Upper

43 100

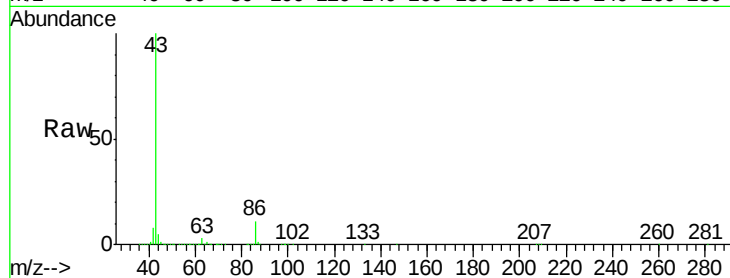
86 10.7 8.8 13.2

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

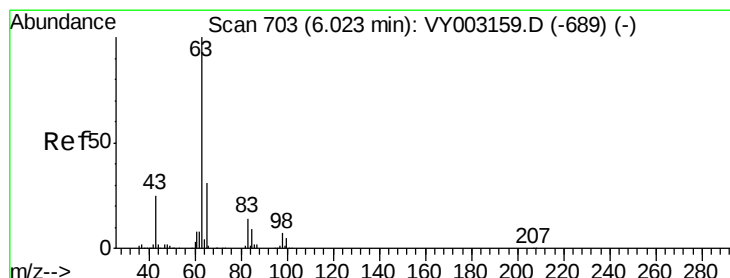
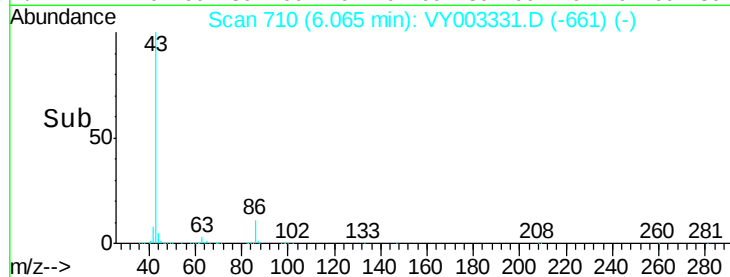
6.07

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.488 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

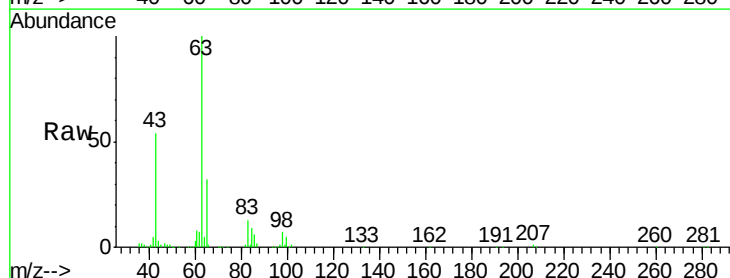
Tgt Ion: 63 Resp: 353213

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.8 2.4 7.2



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

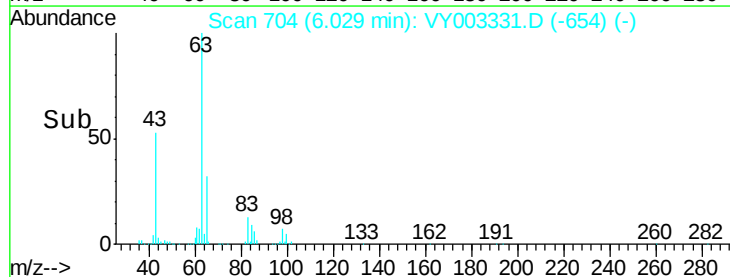
150000

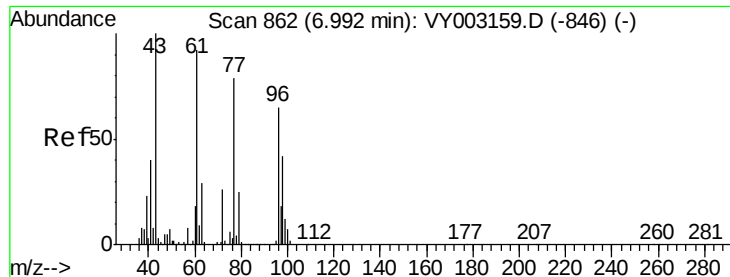
100000

50000

0

Time-->





#25

2-Butanone

Concen: 282.144 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 370197

Ion Ratio Lower Upper

43 100

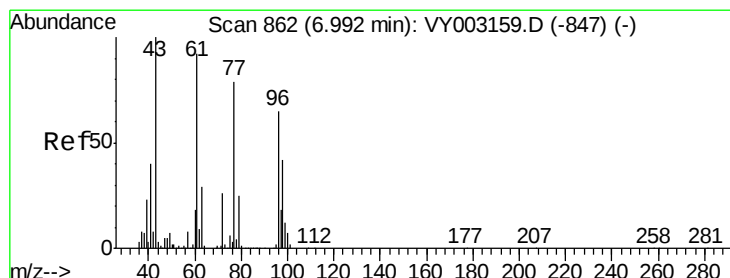
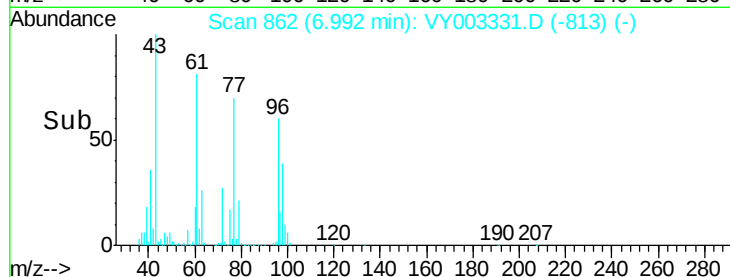
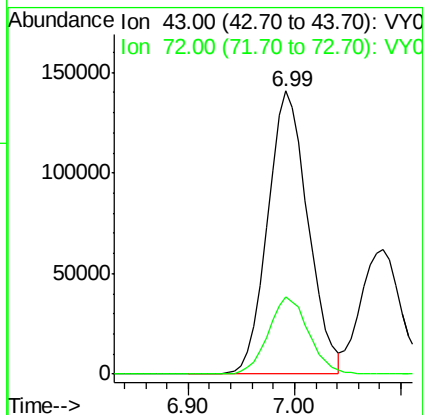
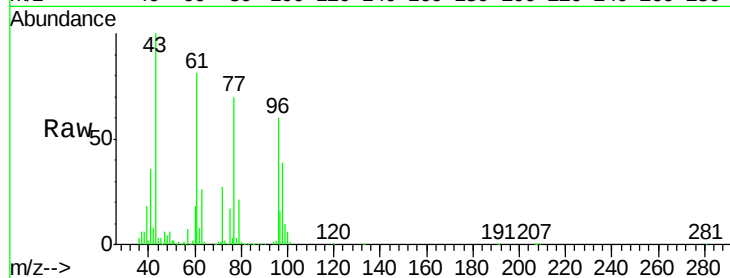
72 27.3 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.409 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003331.D

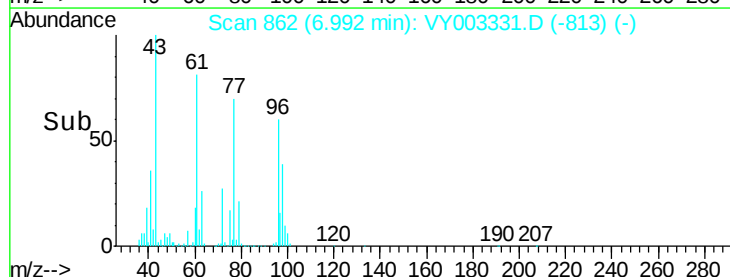
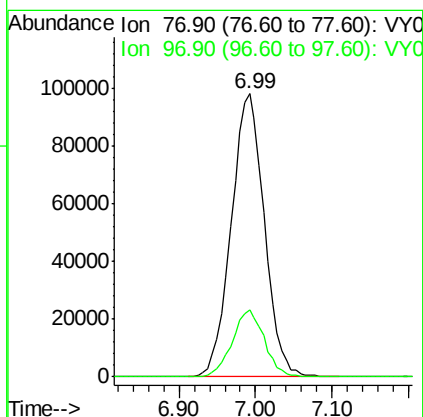
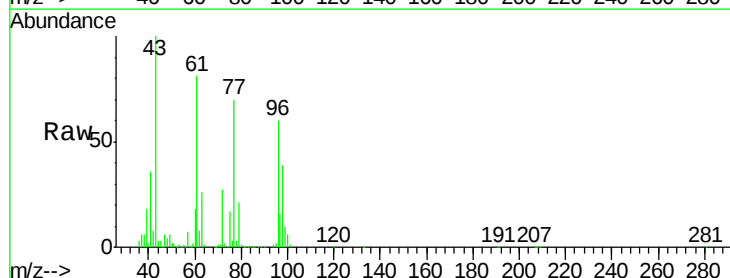
Acq: 23 Jul 2020 21:09

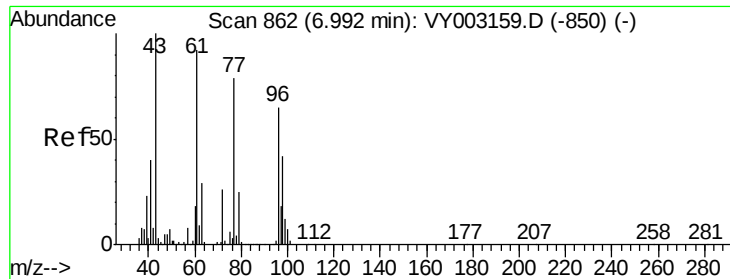
Tgt Ion: 77 Resp: 293376

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.7





#27

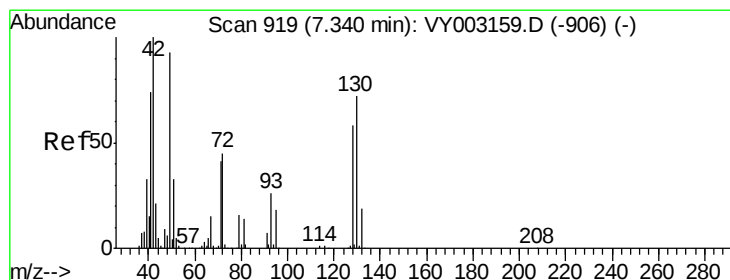
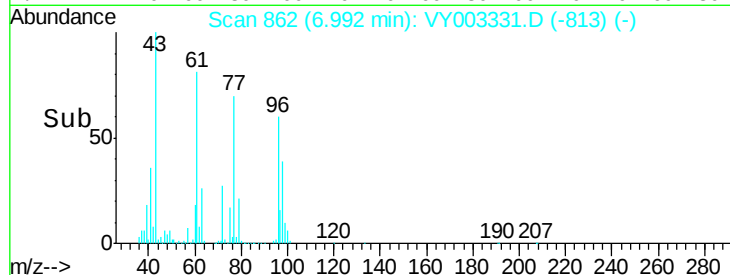
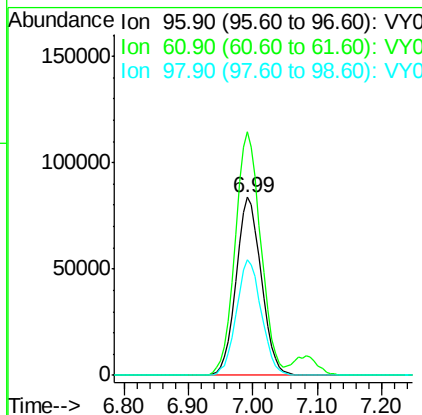
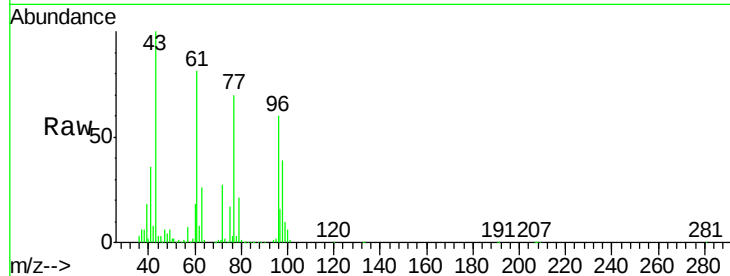
cis-1,2-Dichloroethene
Concen: 51.745 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	281.2
98	64.3	0.0	129.8

Manual Integrations
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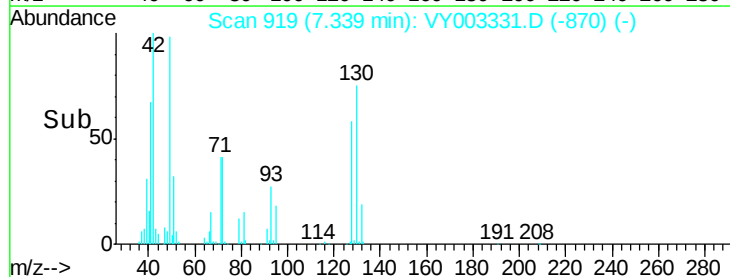
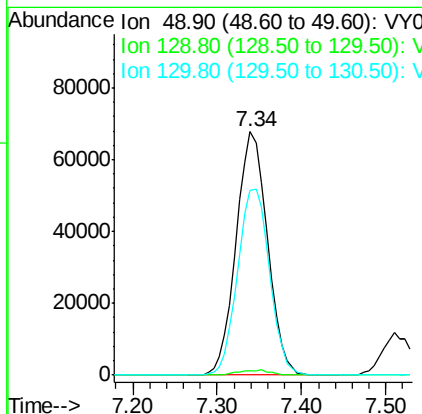
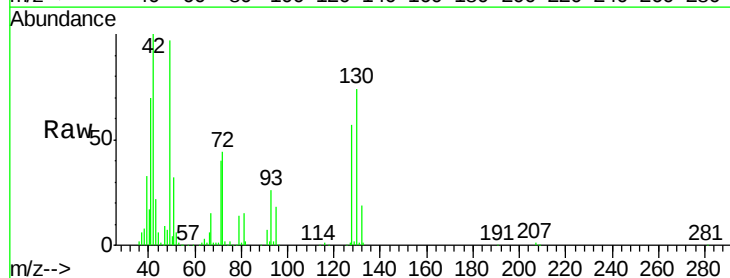
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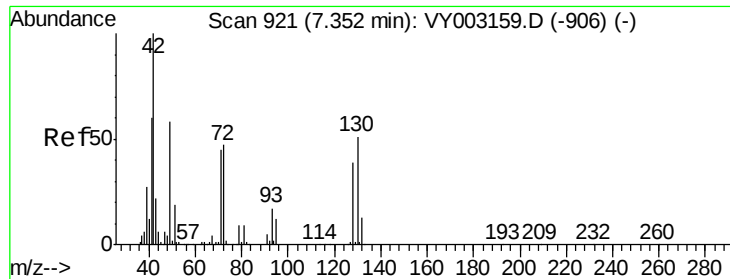


#28

Bromochloromethane
Concen: 58.487 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	78.0	64.9	97.3





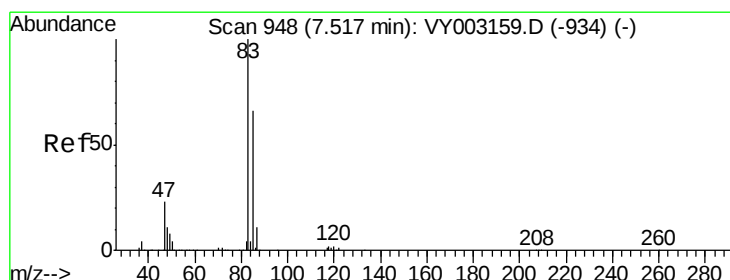
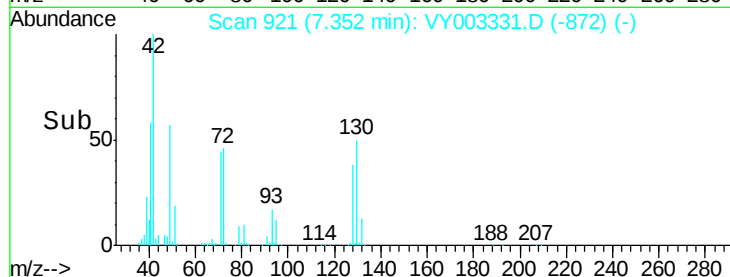
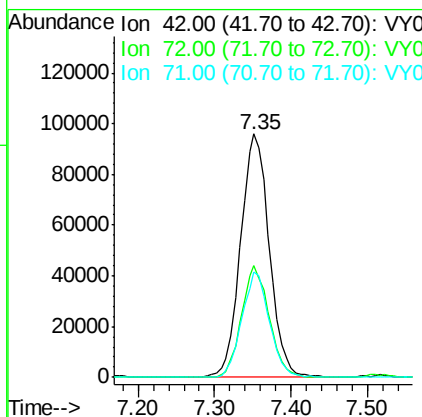
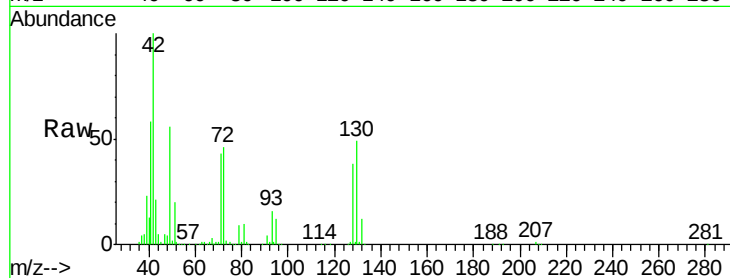
#29
Tetrahydrofuran
Concen: 284.292 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.7	55.1
71	41.7	34.2	51.4

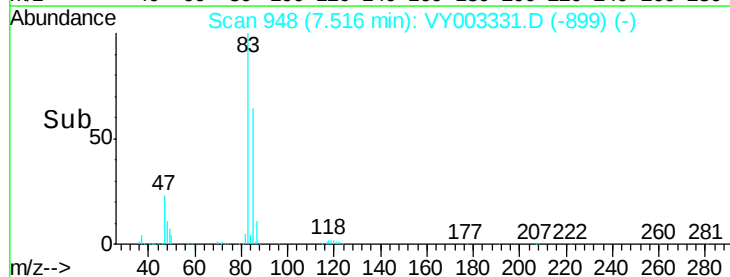
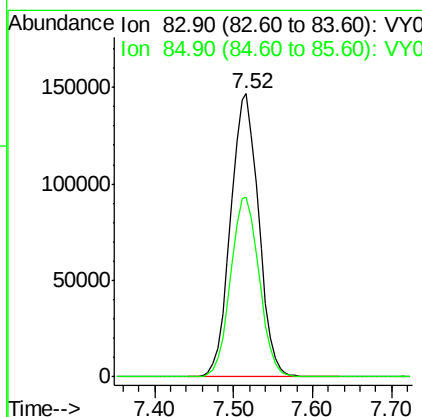
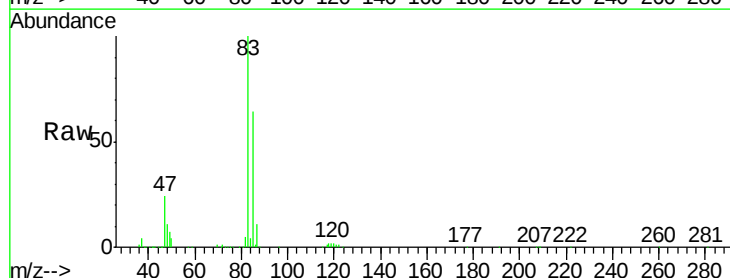
Manual Integrations
APPROVED

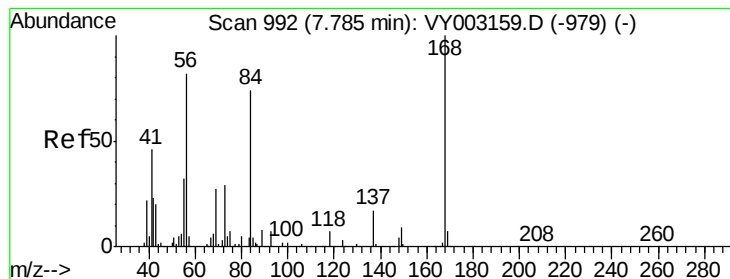
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#30
Chloroform
Concen: 52.365 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.6	78.8





#31

Cyclohexane

Concen: 45.860 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

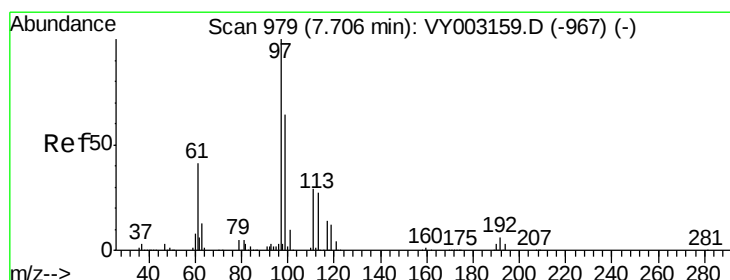
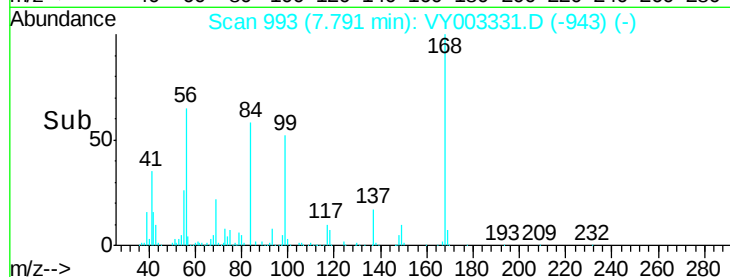
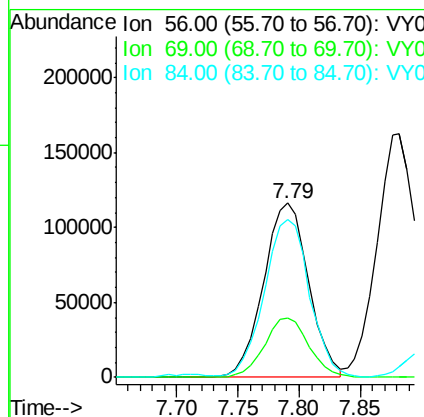
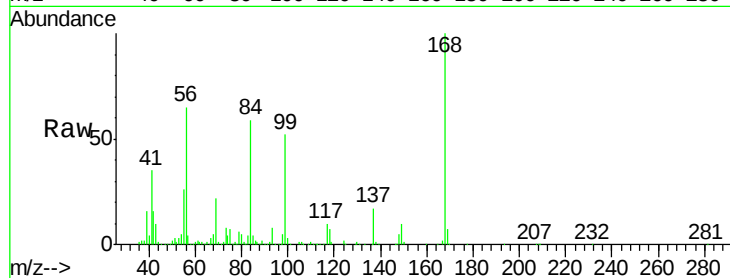
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	298423
Ion Ratio	Lower	Upper	
56	100		
69	34.0	26.7	40.1
84	88.9	72.3	108.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.532 ug/l

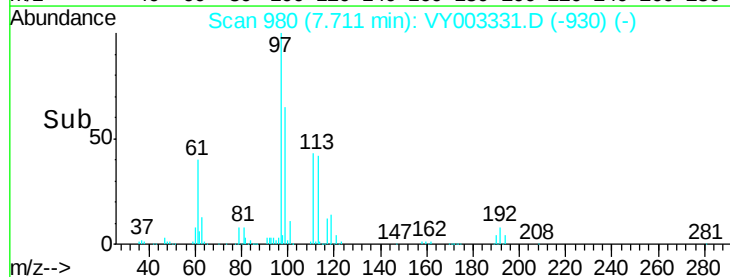
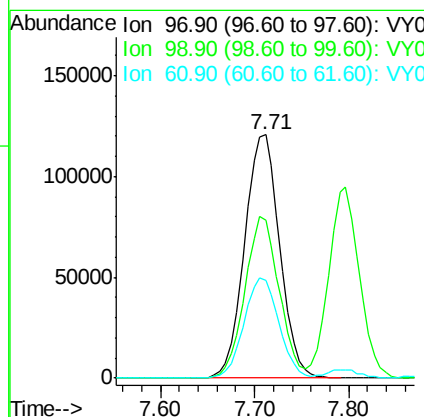
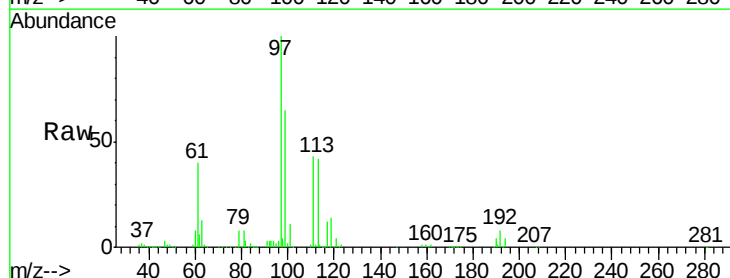
RT: 7.71 min Scan# 980

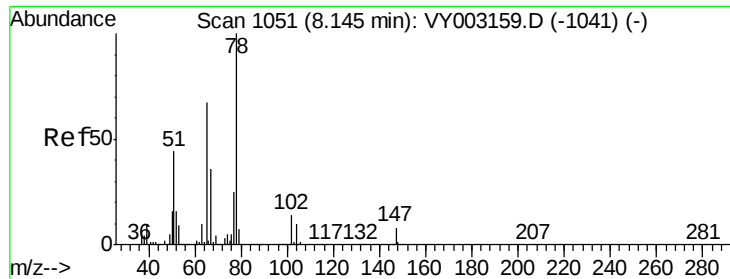
Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Tgt Ion:	97	Resp:	315296
Ion Ratio	Lower	Upper	
97	100		
99	64.9	52.1	78.1
61	40.9	33.9	50.9





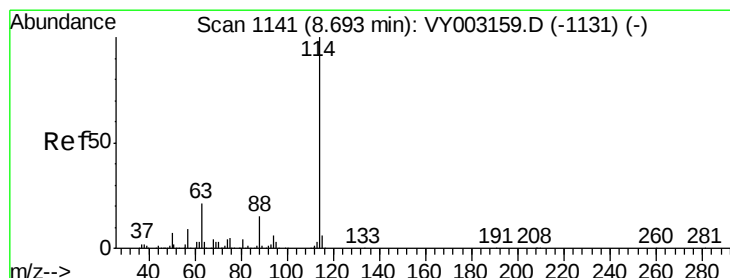
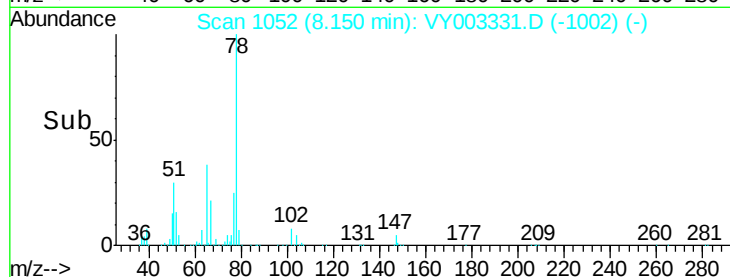
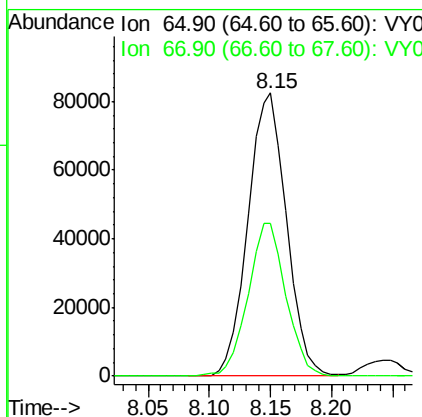
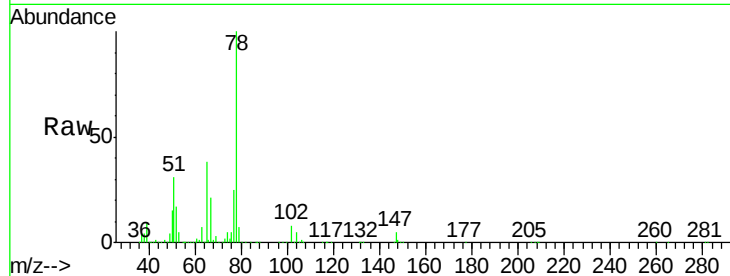
#33
 1,2-Dichloroethane-d4
 Concen: 50.459 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	180521		
67	53.5	0.0	105.2	

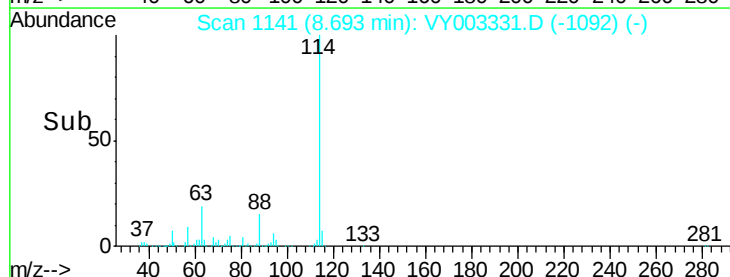
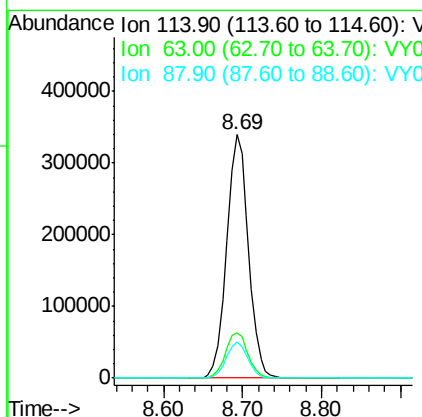
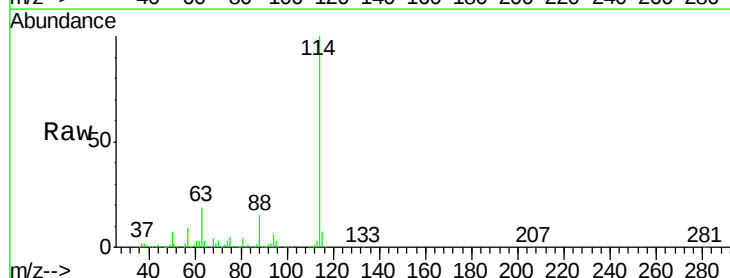
Manual Integrations
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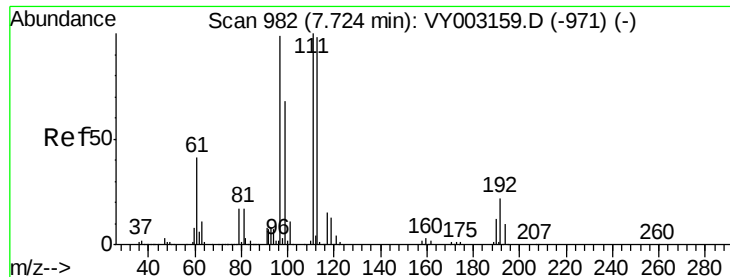
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	648077		
63	18.8	0.0	41.2	
88	14.8	0.0	30.2	





#35

Dibromofluoromethane

Concen: 46.011 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

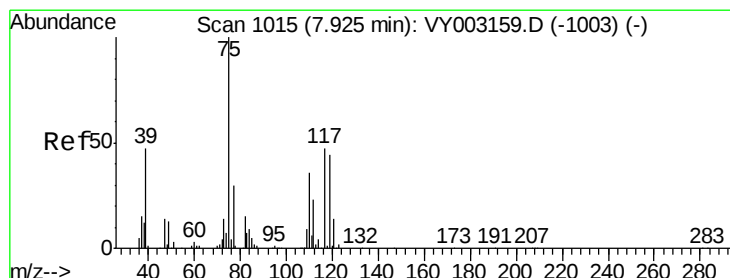
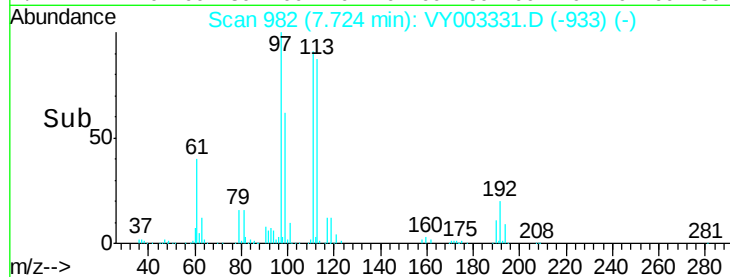
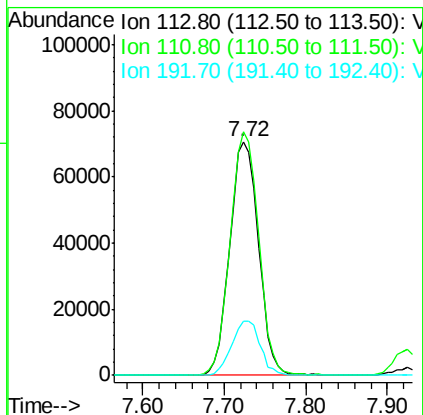
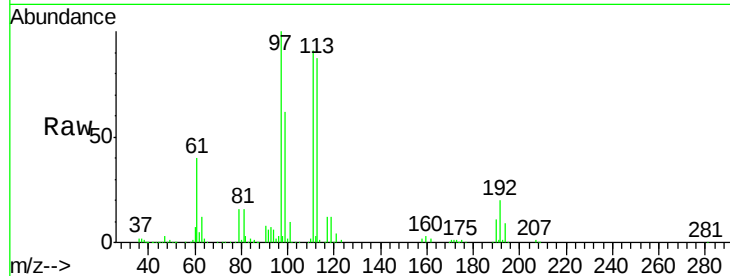
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	171599
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.1	123.1
192	23.1	18.8	28.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.876 ug/l

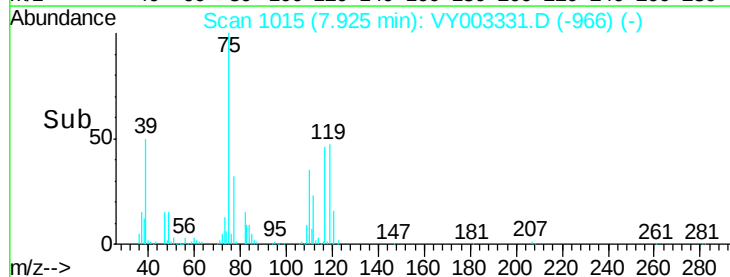
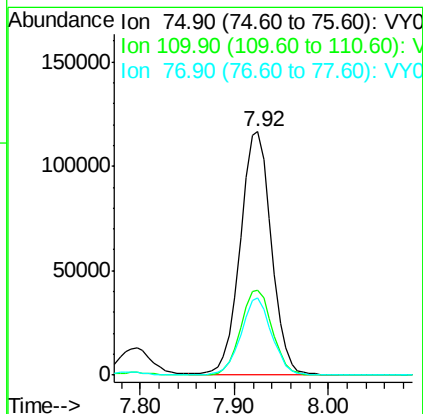
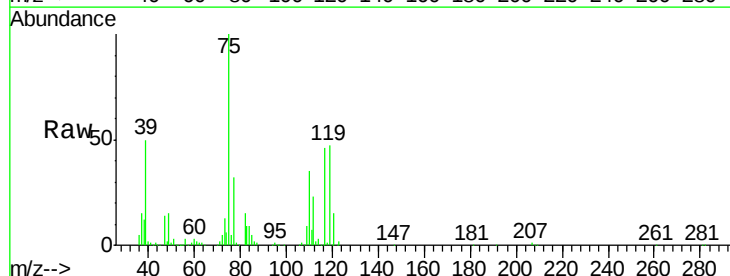
RT: 7.92 min Scan# 1015

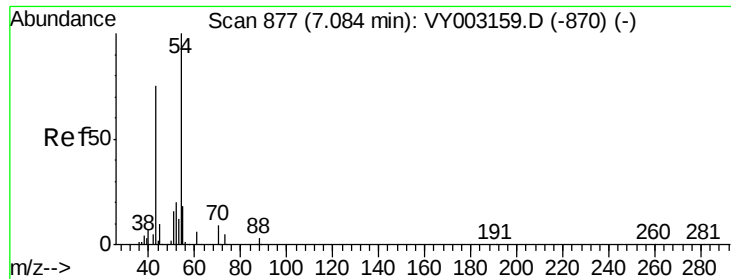
Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Tgt Ion:	75	Resp:	269462
Ion Ratio	Lower	Upper	
75	100		
110	35.5	18.1	54.1
77	31.4	24.8	37.2





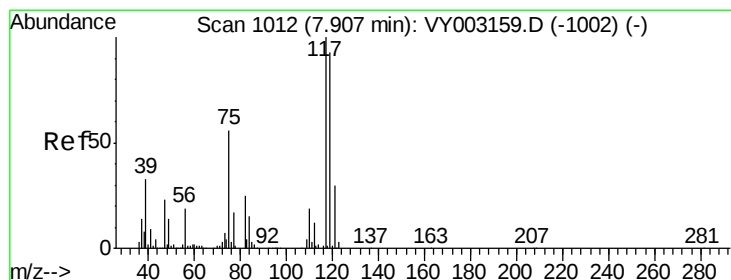
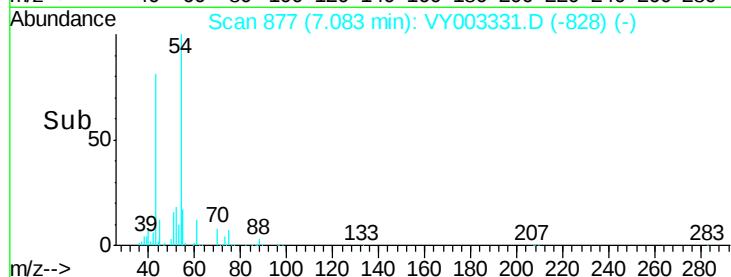
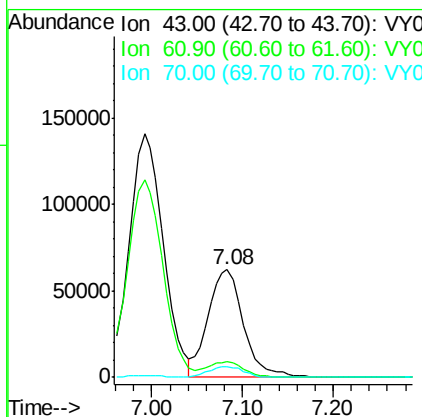
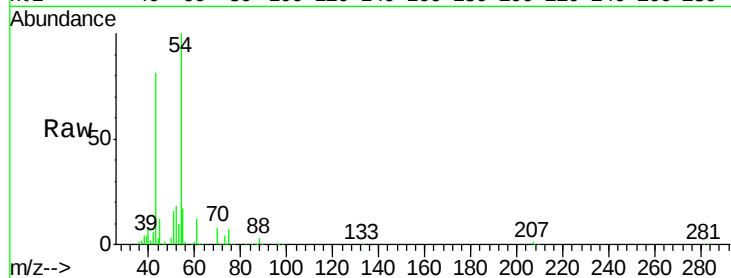
#37
Ethyl Acetate
Concen: 53.663 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.8	17.6
70	9.9	8.6	13.0

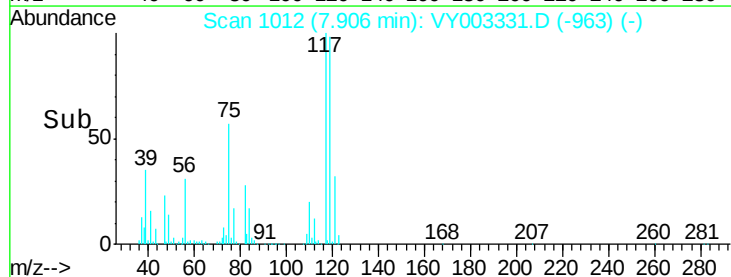
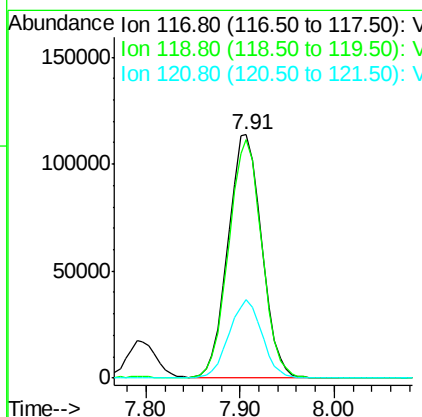
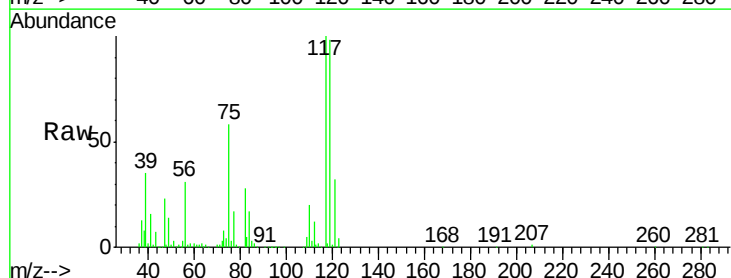
Manual Integrations
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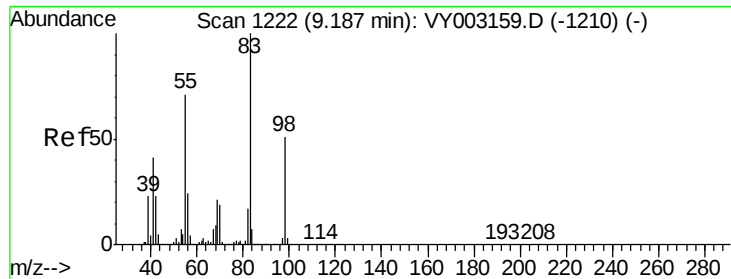
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#38
Carbon Tetrachloride
Concen: 46.806 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.5	111.7
121	32.5	24.2	36.2





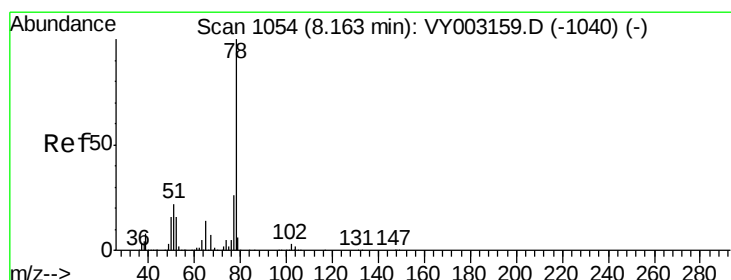
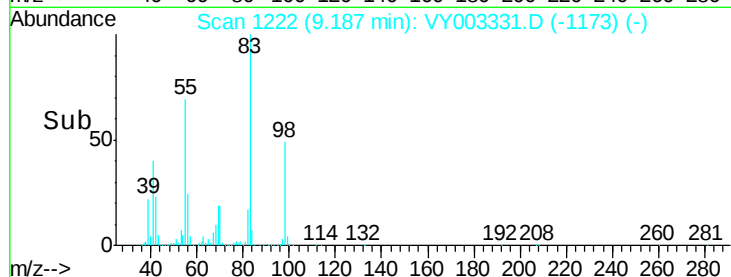
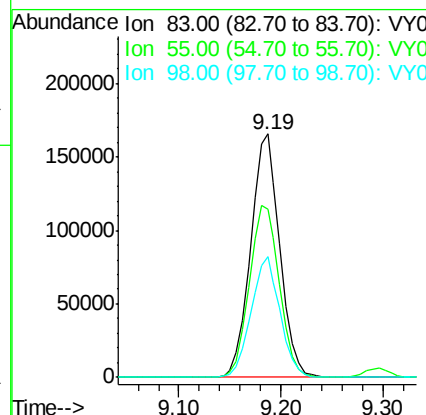
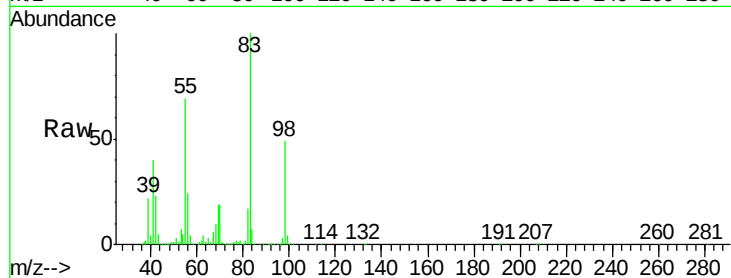
#39
Methylvlcvclohexane
Concen: 44.522 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.1	57.2	85.8
98	49.4	41.0	61.6

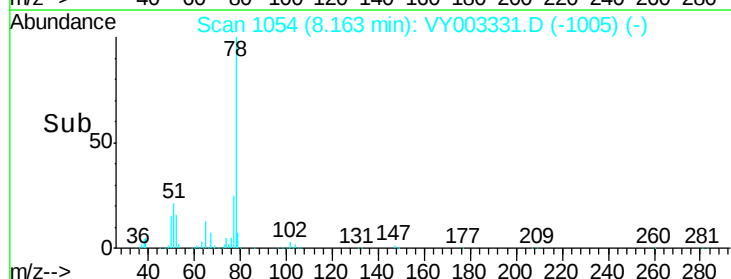
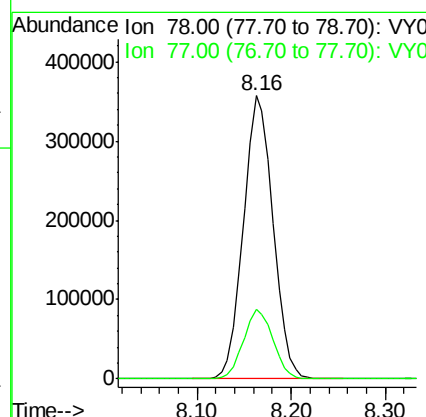
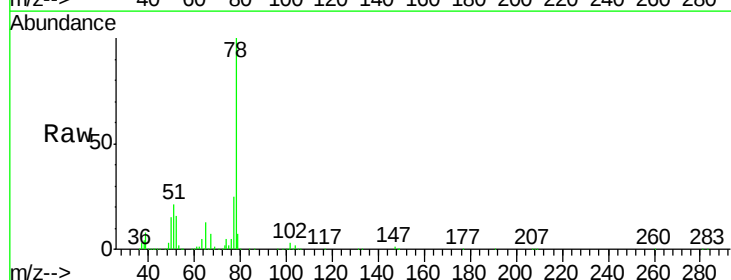
Manual Integrations
APPROVED

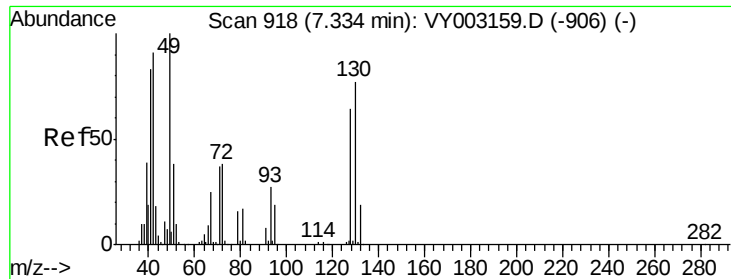
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#40
Benzene
Concen: 48.203 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	20.7	31.1





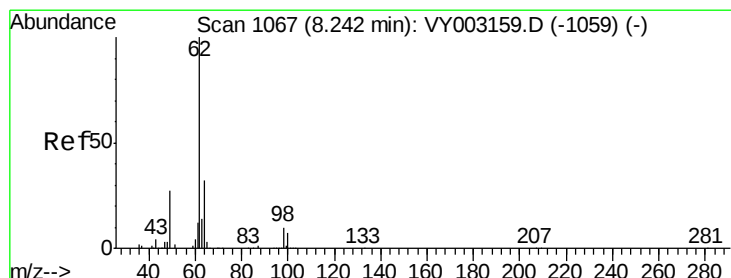
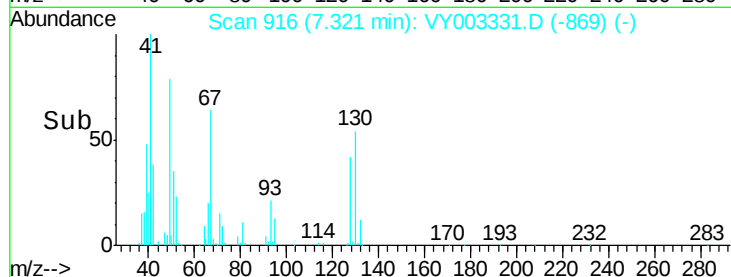
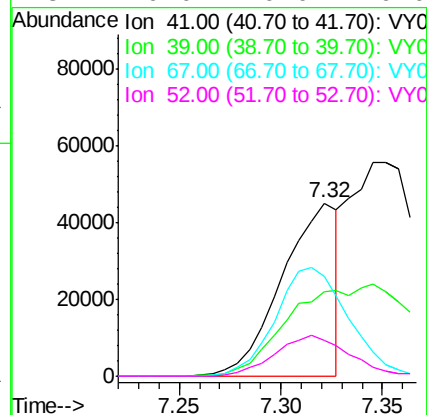
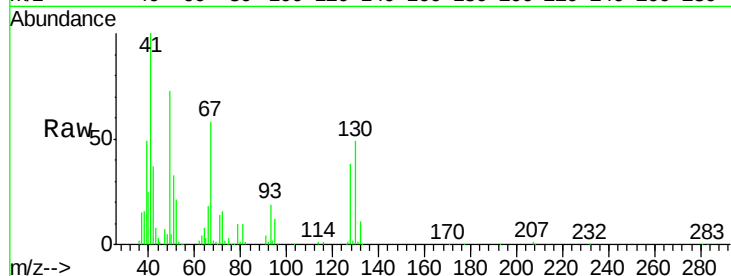
#41
Methacrylonitrile
Concen: 46.206 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	88026
Ion	Ratio	Lower	Upper
41	100		
39	117.1	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

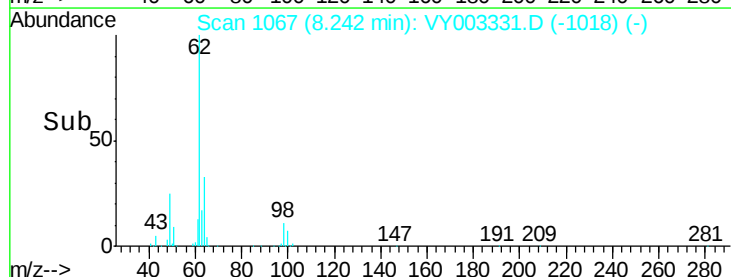
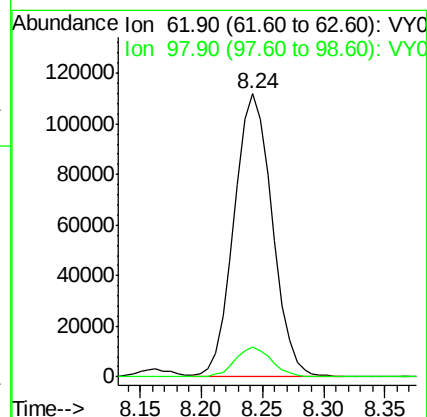
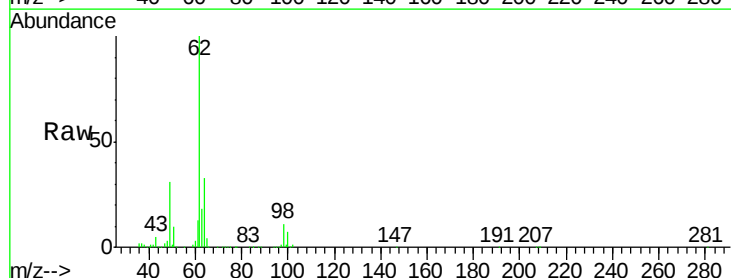
Manual Integrations
APPROVED

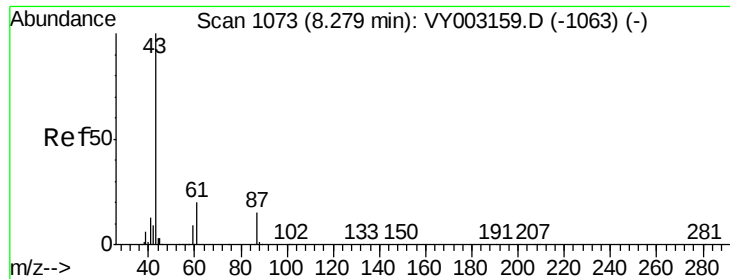
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7/24/2020 12:58:32 PM



#42
1,2-Dichloroethane
Concen: 48.639 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	62	Resp	242176
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.0





#43

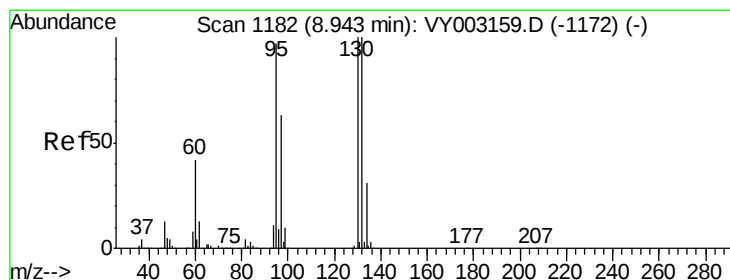
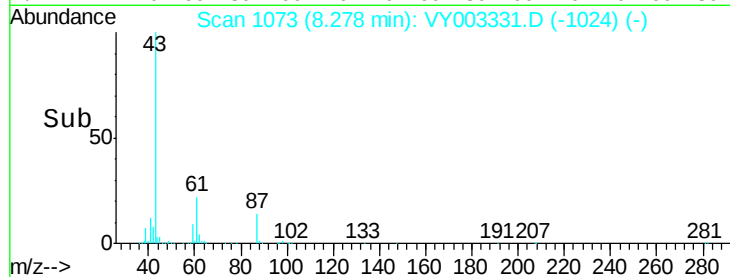
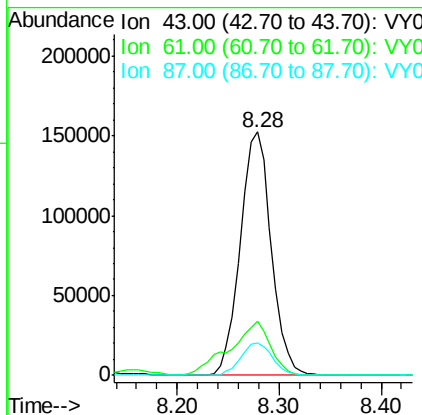
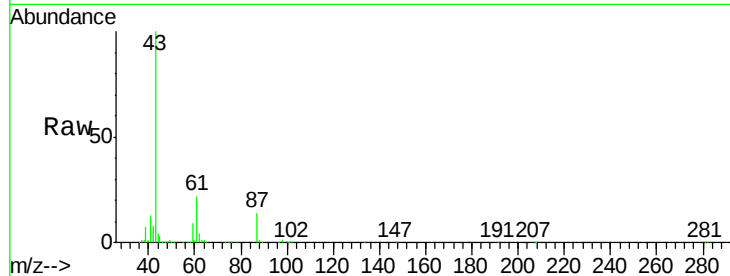
Isopropyl Acetate
 Concen: 52.047 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.7	35.5
87	13.8	11.4	17.0

Manual Integrations
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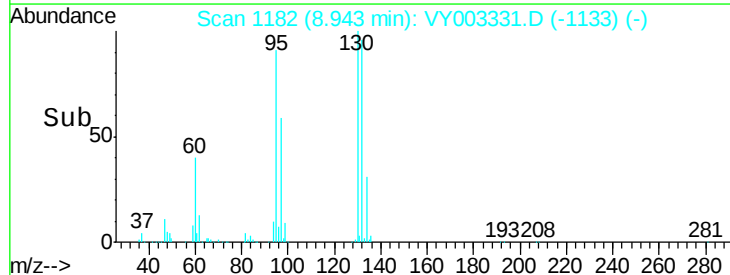
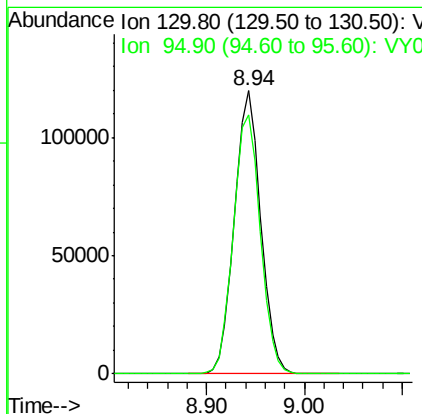
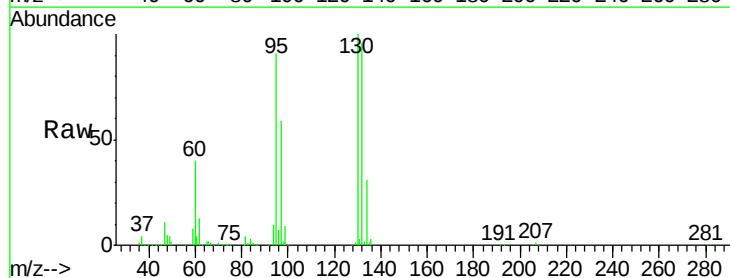
MMDadoda
 7/24/2020 12:58:32 PM

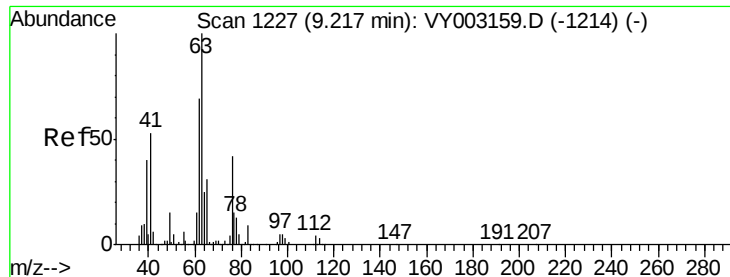


#44

Trichloroethene
 Concen: 45.326 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	193.8





#45

1,2-Dichloropropane

Concen: 50.422 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 211011

Ion Ratio Lower Upper

63 100

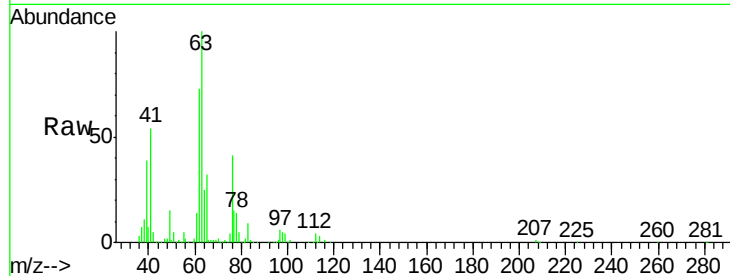
65 32.1 25.0 37.4

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

120000

100000

80000

60000

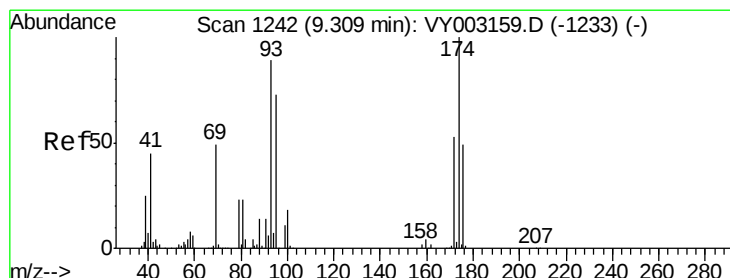
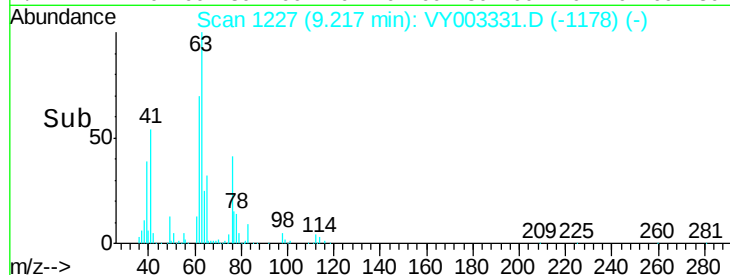
40000

20000

0

9.10 9.20 9.30

Time-->



#46

Dibromomethane

Concen: 48.827 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

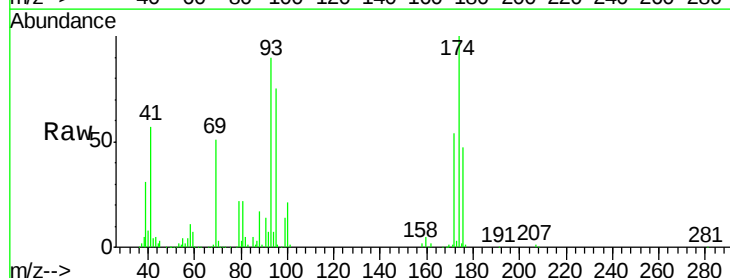
Tgt Ion: 93 Resp: 119346

Ion Ratio Lower Upper

93 100

95 83.9 66.6 99.8

174 114.1 90.2 135.4



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

80000

60000

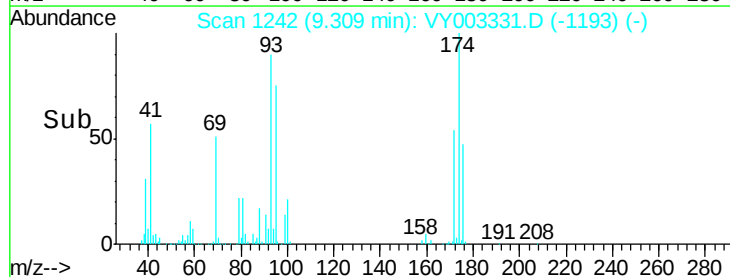
40000

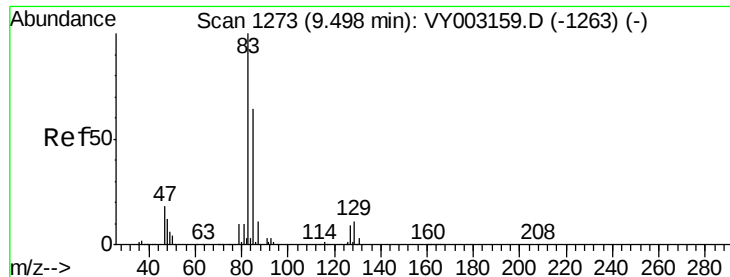
20000

0

9.20 9.25 9.30 9.35 9.40

Time-->





#47

Bromodichloromethane

Concen: 50.614 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

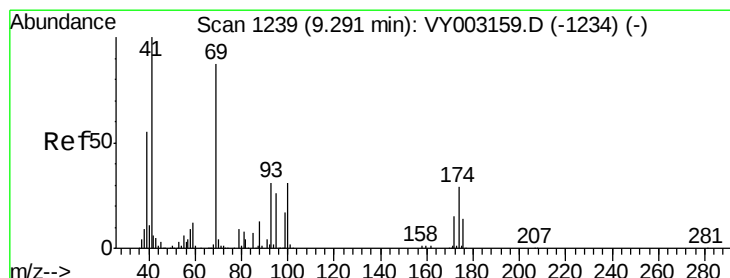
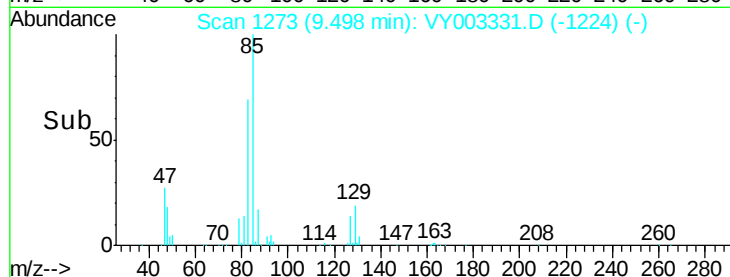
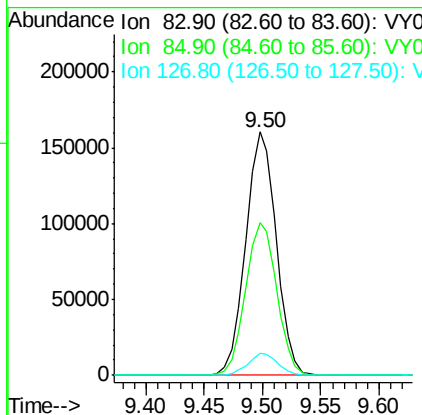
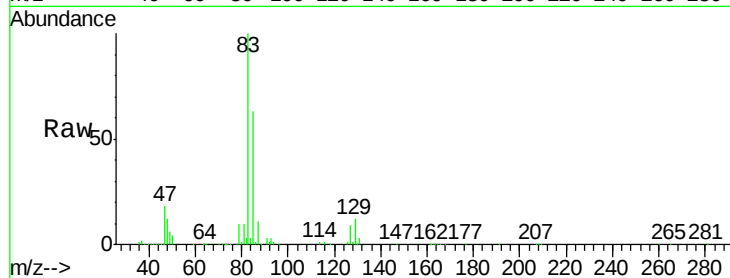
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	294230
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.9	76.3
127	9.0	7.0	10.4

Manual Integrations
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7/24/2020 12:58:32 PM



#48

Methyl methacrylate

Concen: 52.806 ug/l

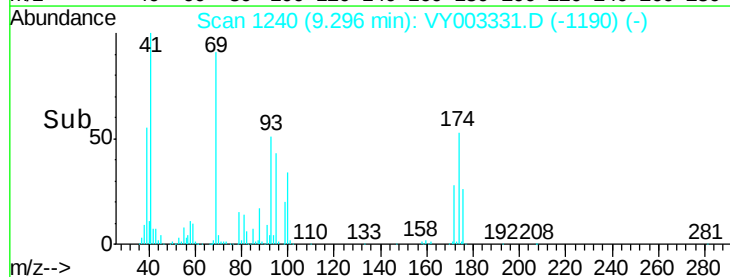
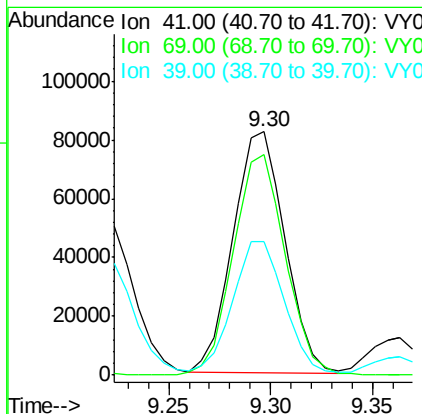
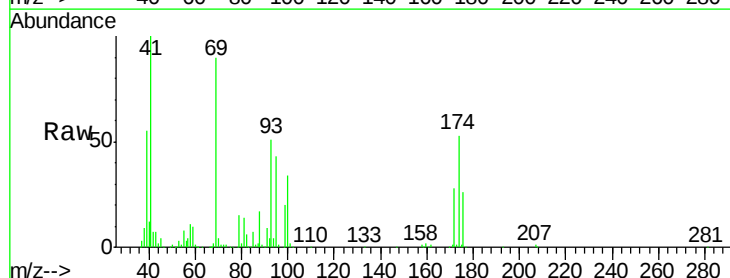
RT: 9.30 min Scan# 1240

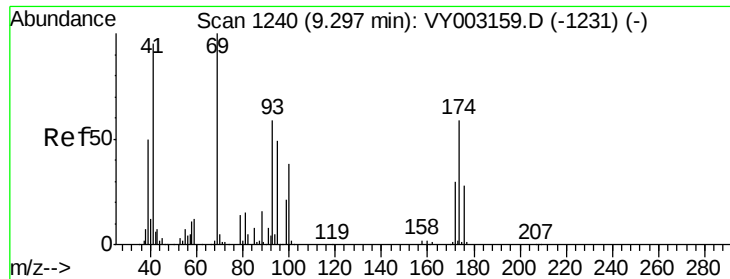
Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Tgt Ion:	41	Resp:	144542
Ion	Ratio	Lower	Upper
41	100		
69	92.2	74.5	111.7
39	56.3	47.5	71.3





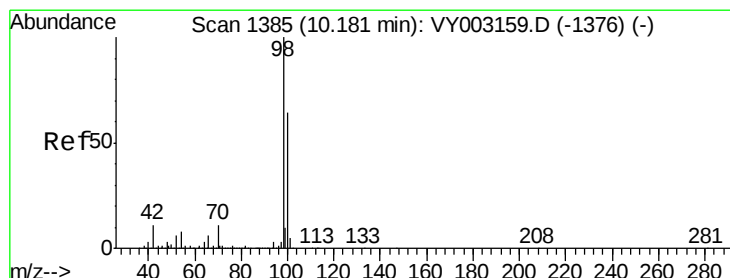
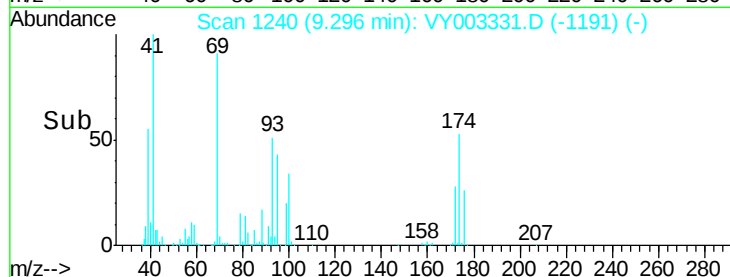
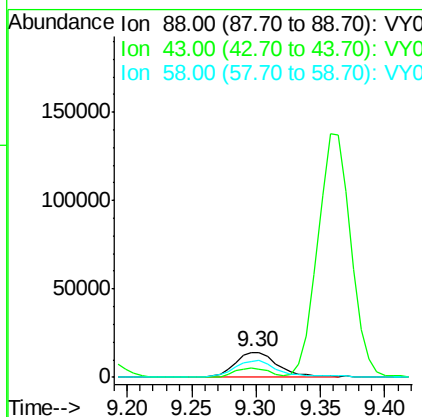
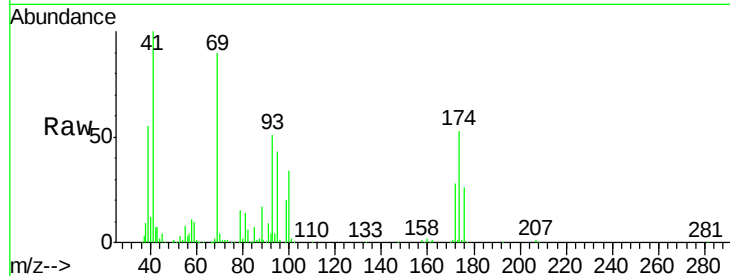
#49
1,4-Dioxane
Concen: 1068.036 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	33132
Ion	Ratio	Lower	Upper
88	100		
43	28.8	25.6	38.4
58	67.4	47.8	71.6

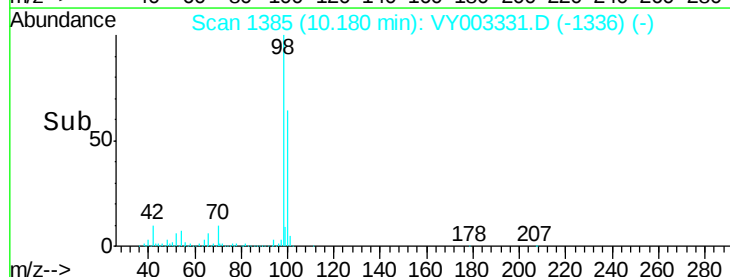
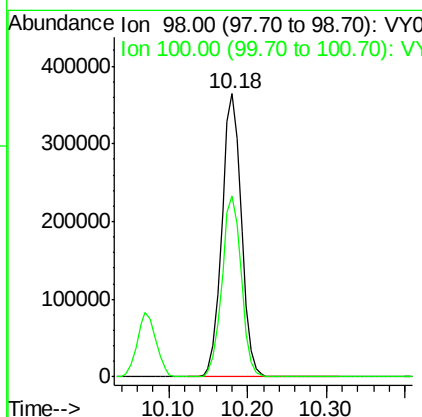
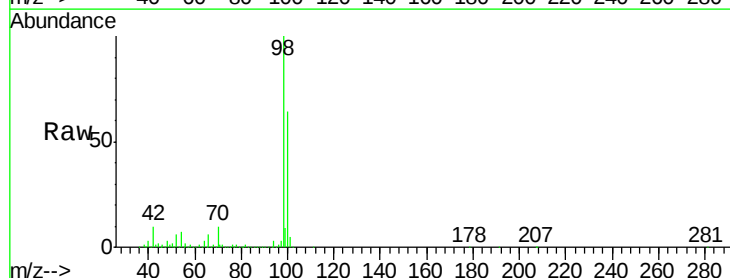
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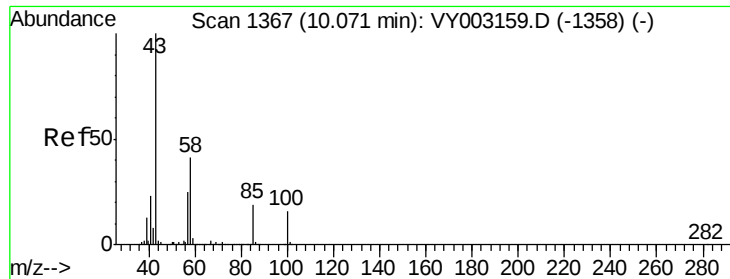
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#50
Toluene-d8
Concen: 44.925 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	98	Resp	622915
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1





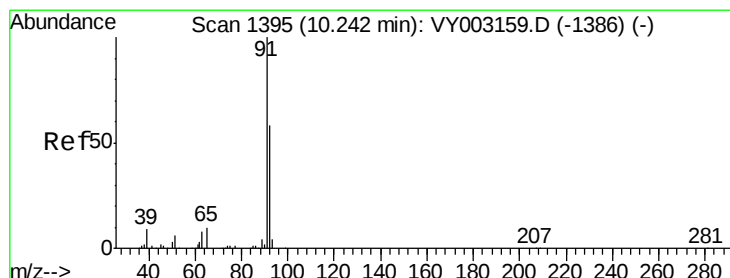
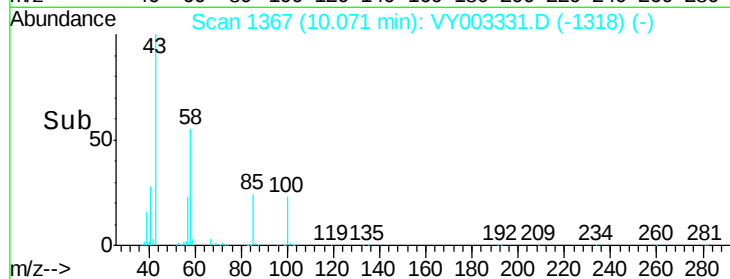
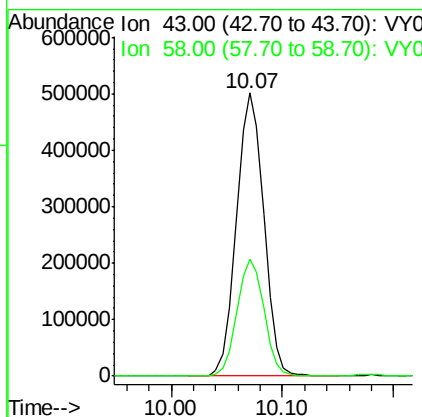
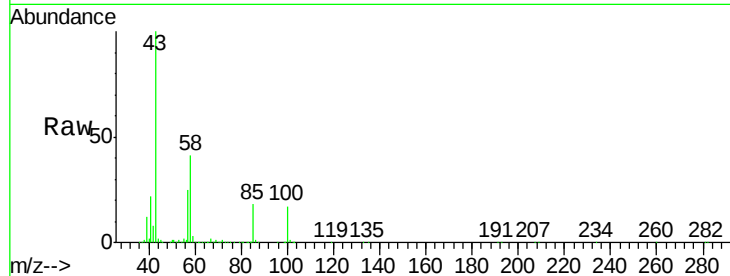
#51
4-Methyl-2-Pentanone
Concen: 266.748 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	41.0	32.7	49.1	

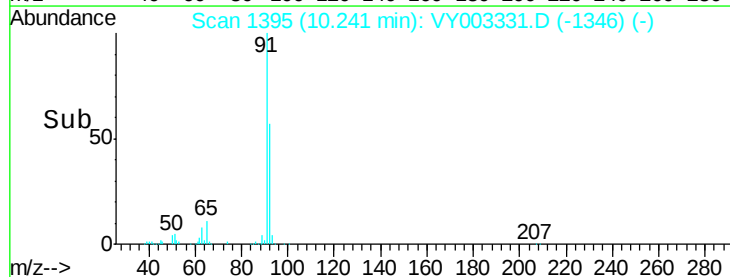
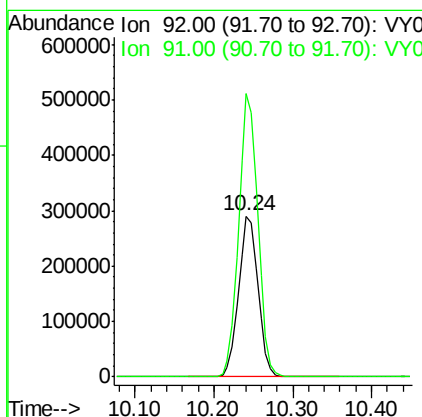
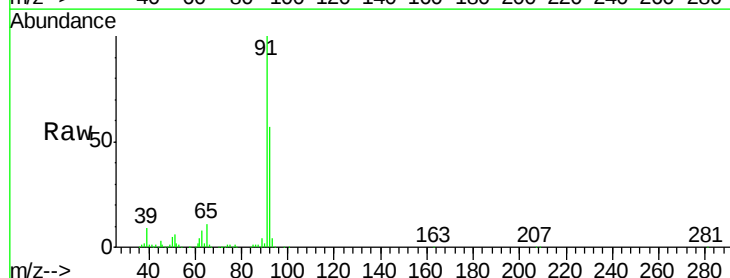
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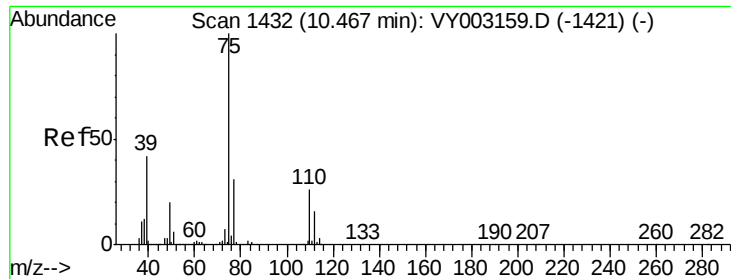
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#52
Toluene
Concen: 47.981 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ion	Ratio	Lower	Upper
92	100			
91	174.3	139.7	209.5	





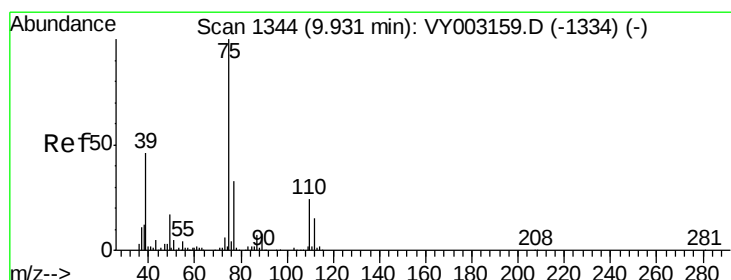
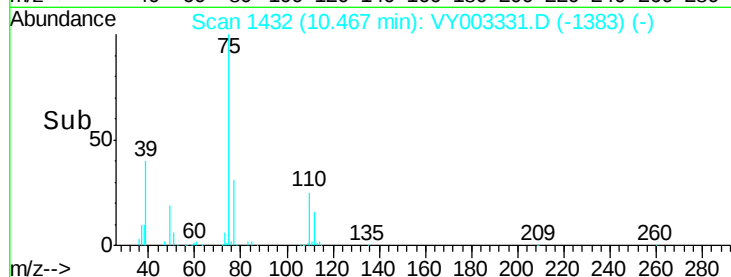
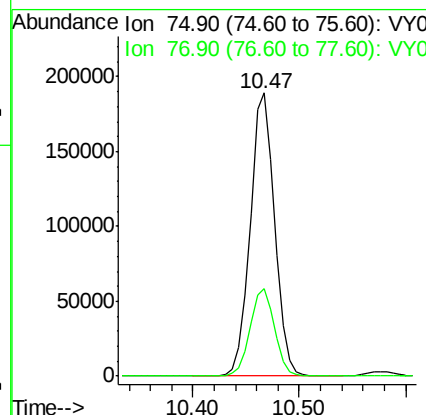
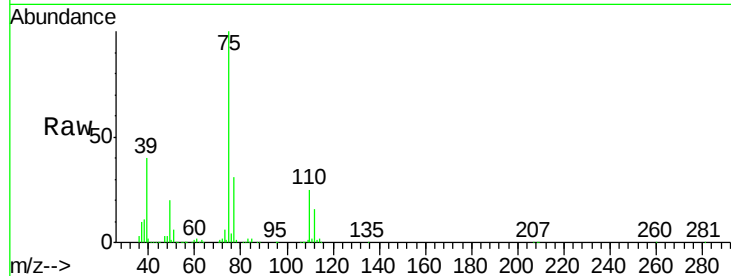
#53
t-1,3-Dichloropropene
Concen: 50.518 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 304268
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8

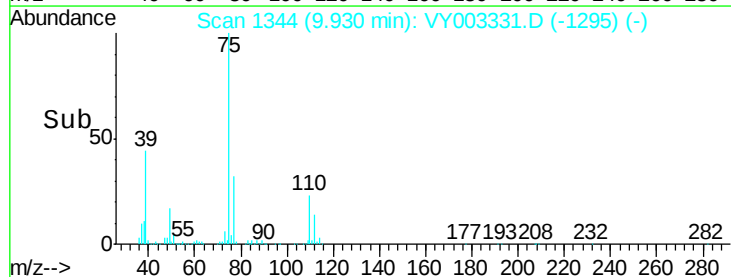
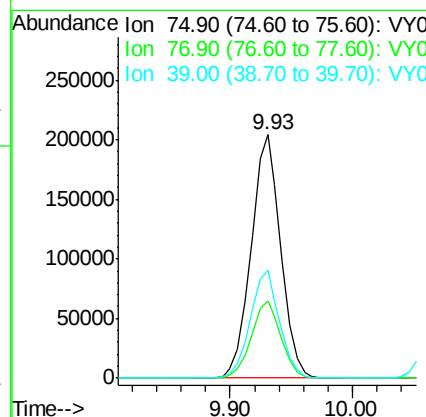
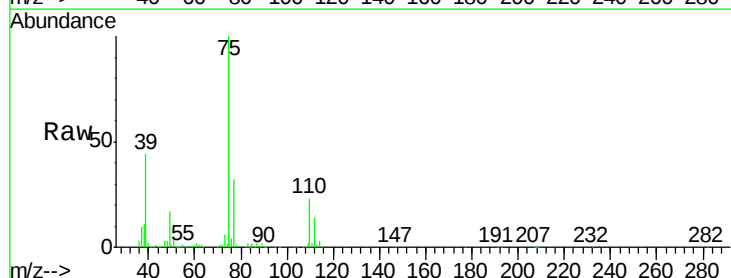
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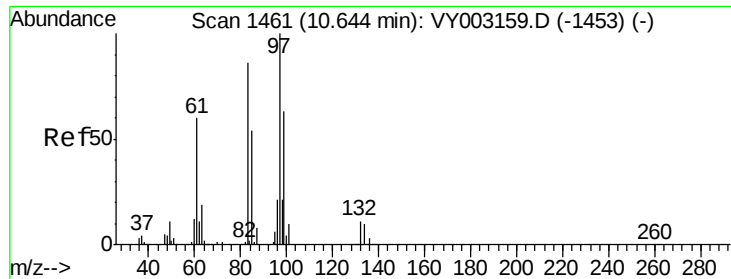
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.229 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 75 Resp: 341633
Ion Ratio Lower Upper
75 100
77 31.6 26.7 40.1
39 44.0 37.0 55.6





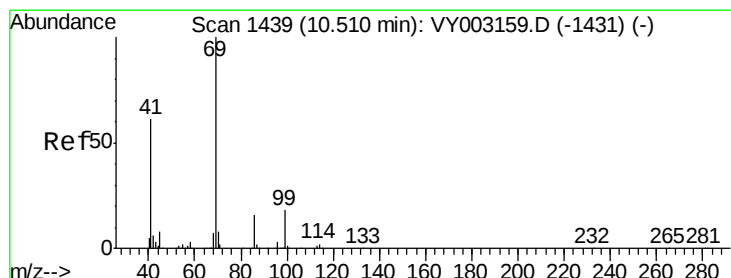
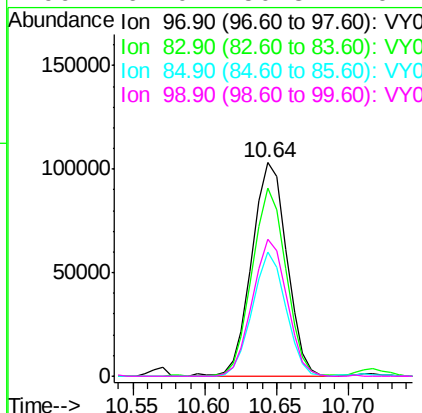
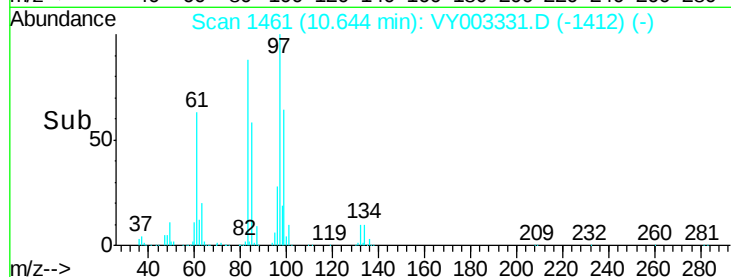
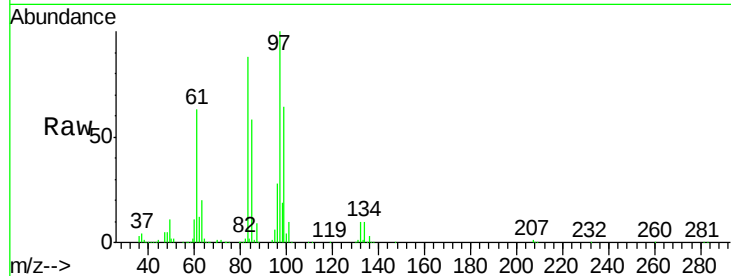
#55
 1,1,2-Trichloroethane
 Concen: 50.117 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	173584
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.8	103.2
85	58.2	43.1	64.7
99	64.0	50.8	76.2

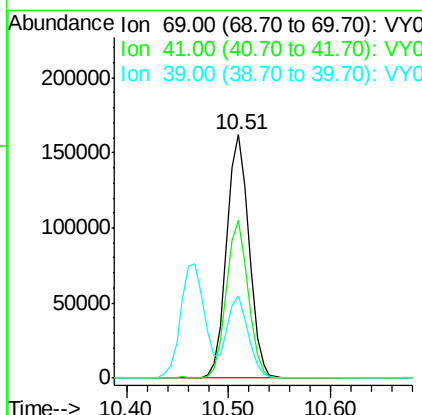
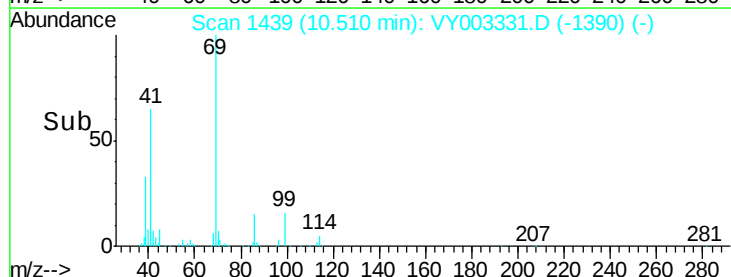
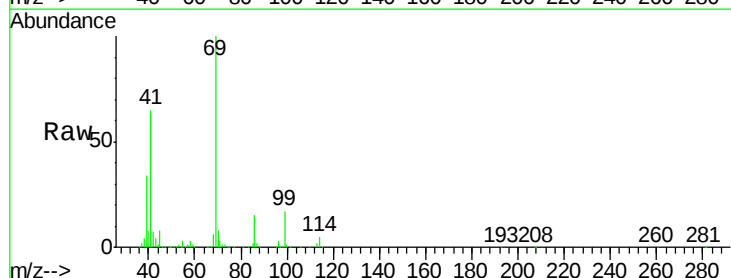
Manual Integrations
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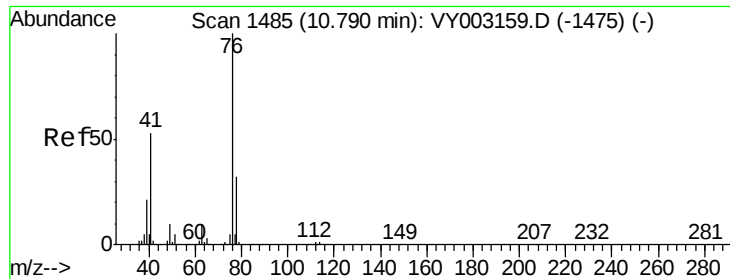
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 7/24/2020 12:58:32 PM



#56
 Ethyl methacrylate
 Concen: 52.230 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion:	69	Resp:	245943
Ion	Ratio	Lower	Upper
69	100		
41	62.8	50.0	75.0
39	32.9	27.6	41.4





#57

1,3-Dichloropropane

Concen: 50.695 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 297719

Ion Ratio Lower Upper

76 100

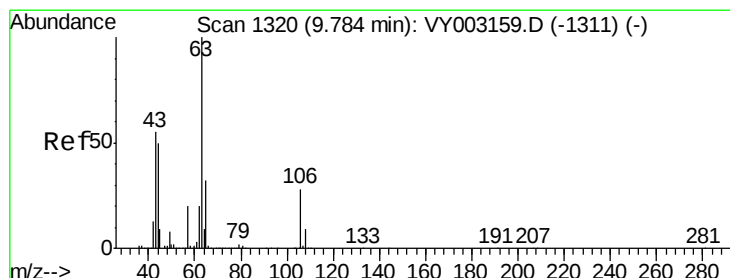
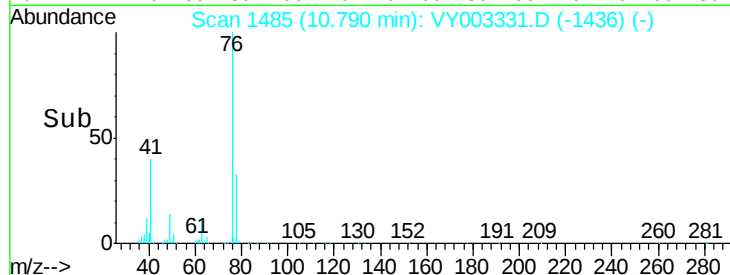
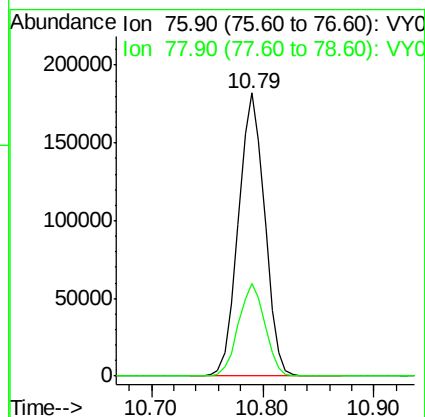
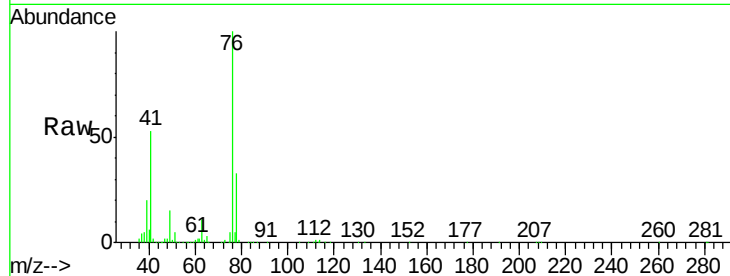
78 32.9 26.0 39.0

Manual Integrations

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MMDadoda

7/24/2020 12:58:32 PM



#58

2-Chloroethyl Vinyl ether

Concen: 269.342 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003331.D

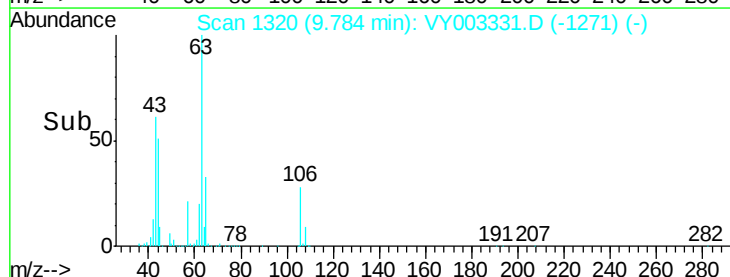
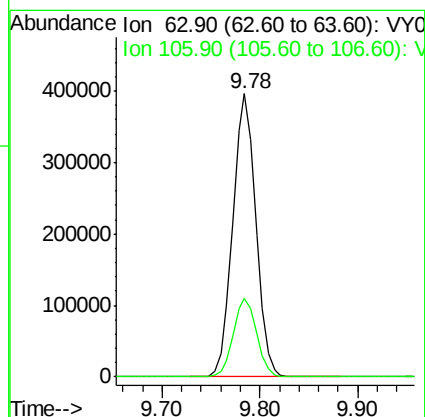
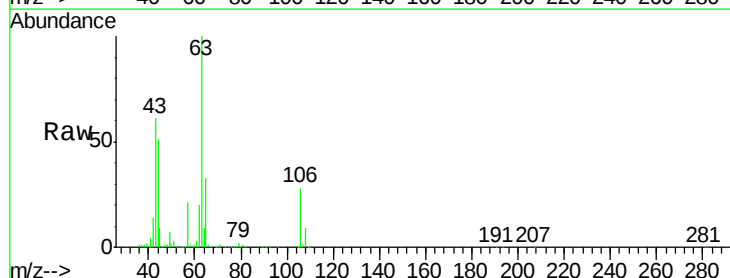
Acq: 23 Jul 2020 21:09

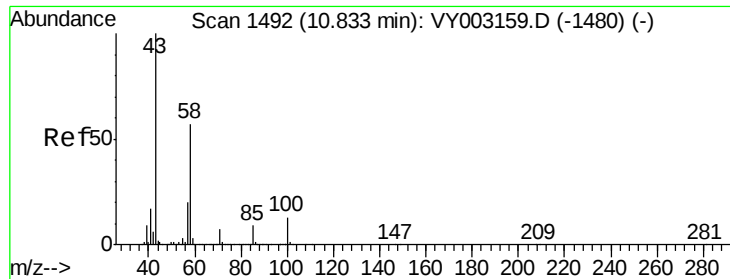
Tgt Ion: 63 Resp: 646829

Ion Ratio Lower Upper

63 100

106 27.9 22.9 34.3





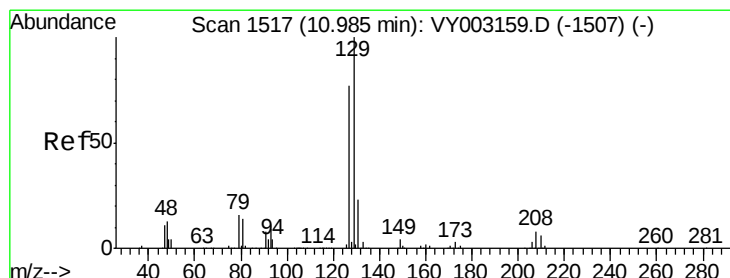
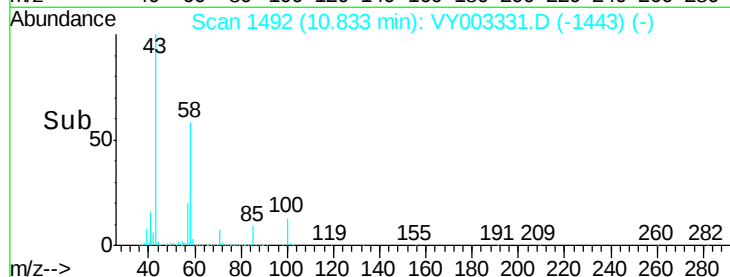
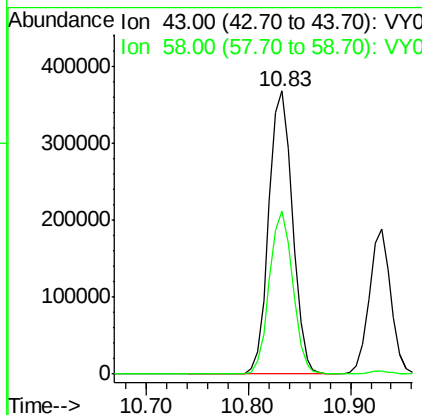
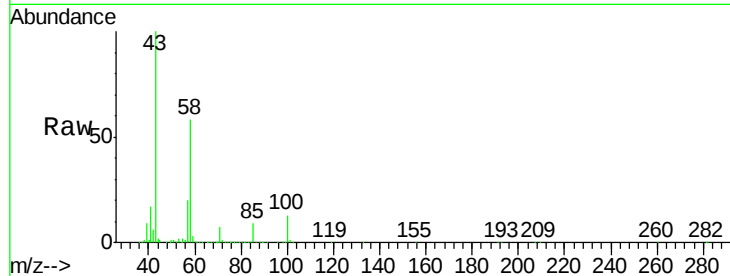
#59
2-Hexanone
Concen: 266.800 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 592712
Ion Ratio Lower Upper
43 100
58 56.8 28.3 85.0

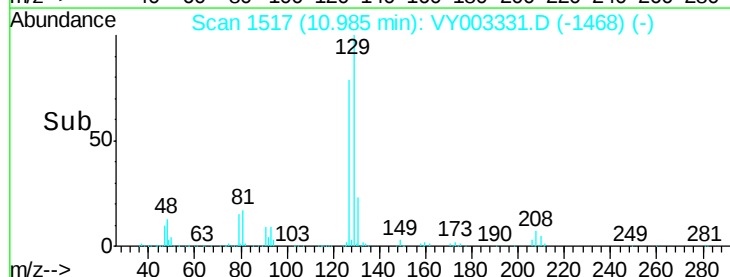
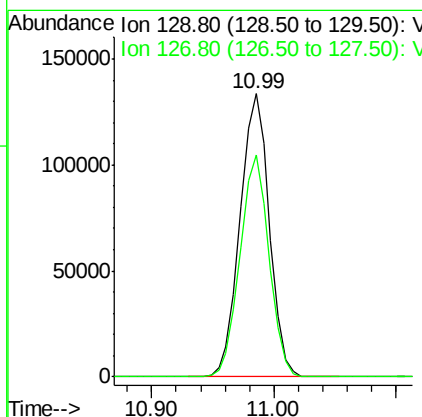
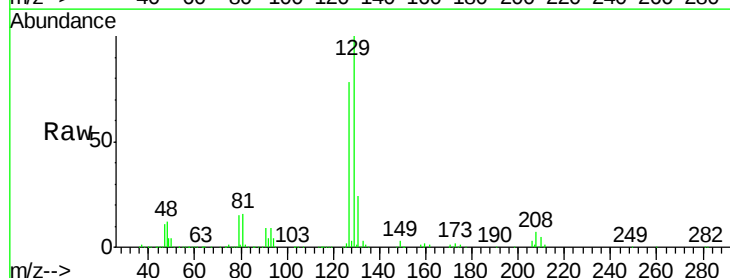
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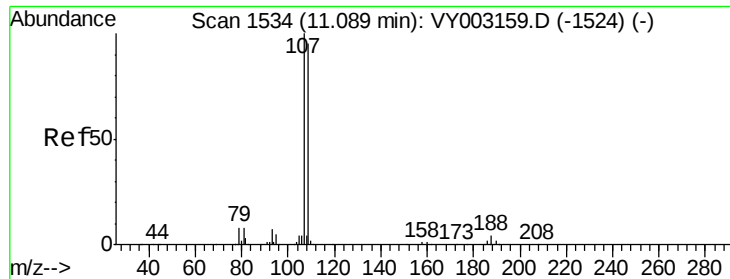
MMDadoda
7/24/2020 12:58:32 PM



#60
Dibromochloromethane
Concen: 50.718 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 129 Resp: 220943
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





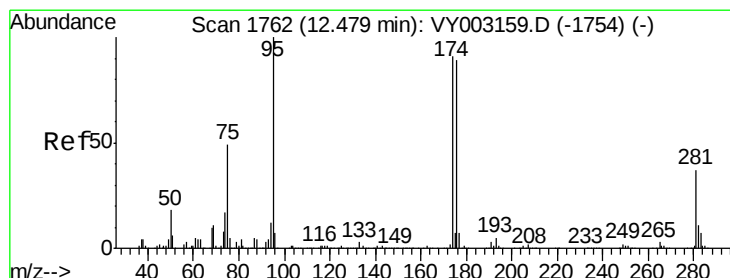
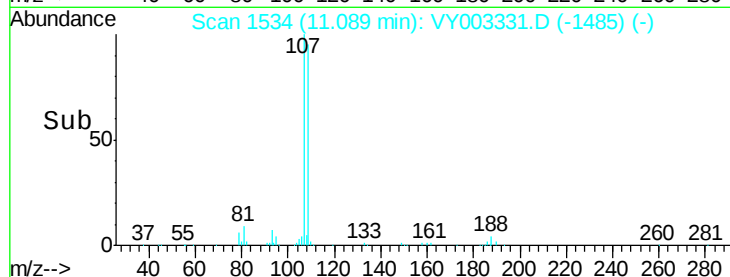
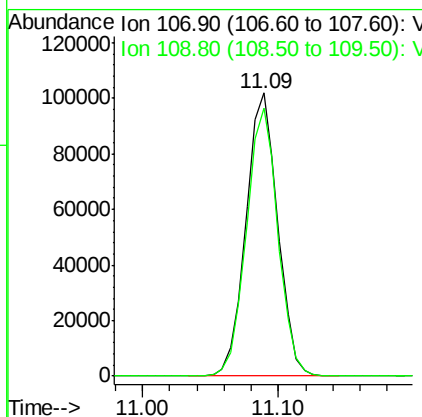
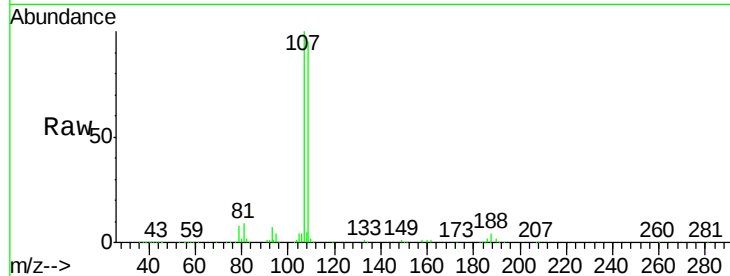
#61
 1,2-Dibromoethane
 Concen: 48.604 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 166148
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4

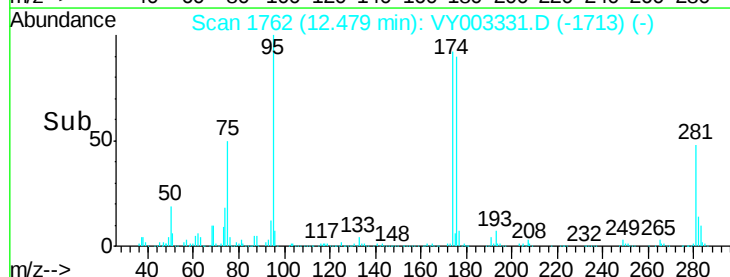
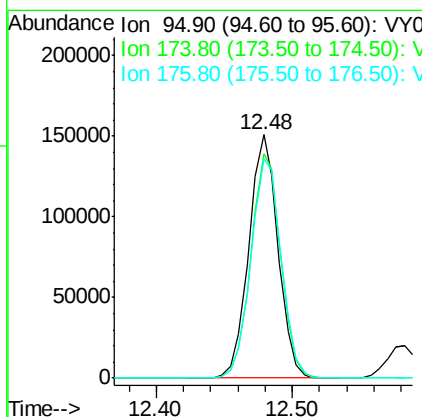
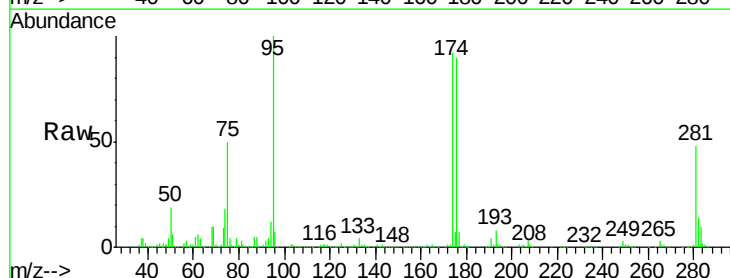
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#62
 4-Bromofluorobenzene
 Concen: 45.205 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion: 95 Resp: 226437
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 190.6
 176 93.8 0.0 186.4





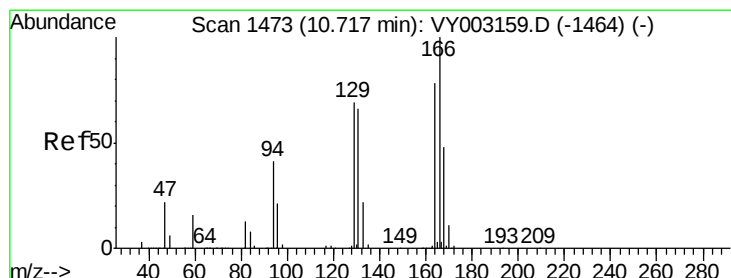
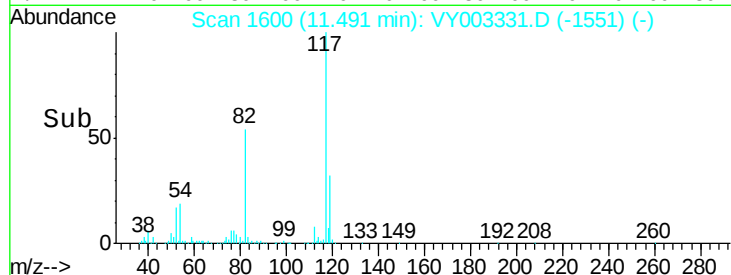
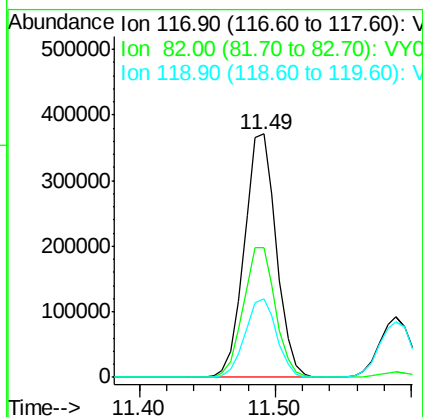
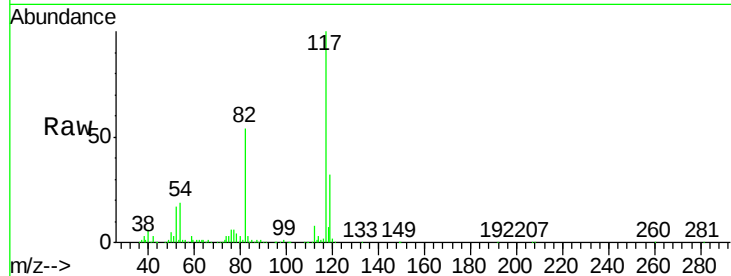
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.0	63.0
119	32.4	25.5	38.3

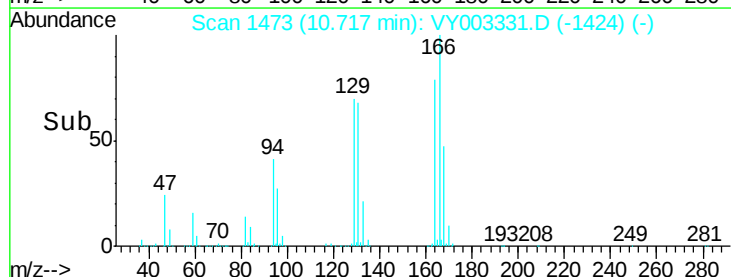
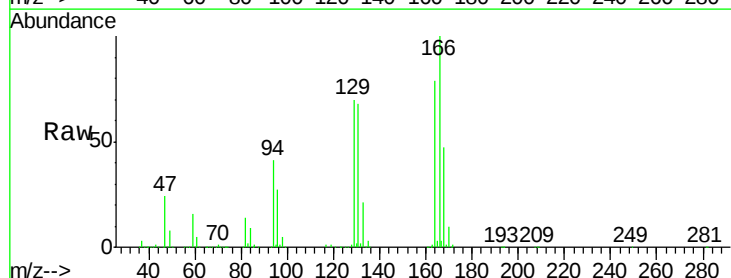
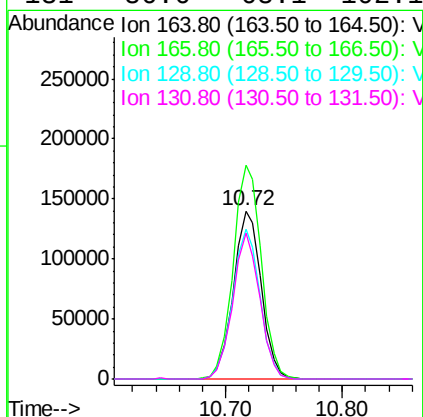
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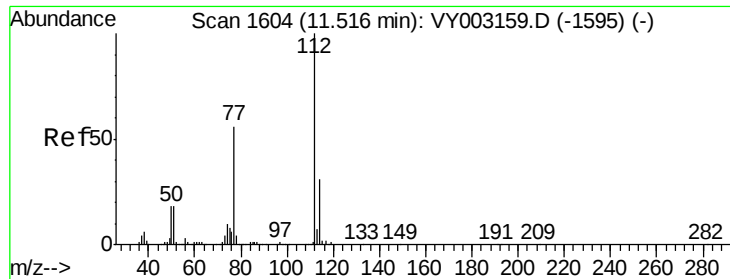
MMDadoda
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#64
Tetrachloroethene
Concen: 42.938 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.9	154.3
129	89.4	71.4	107.2
131	86.6	68.1	102.1





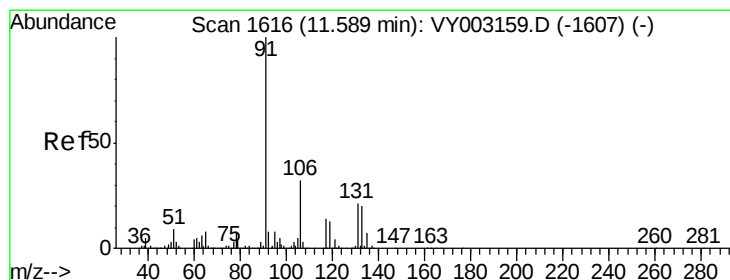
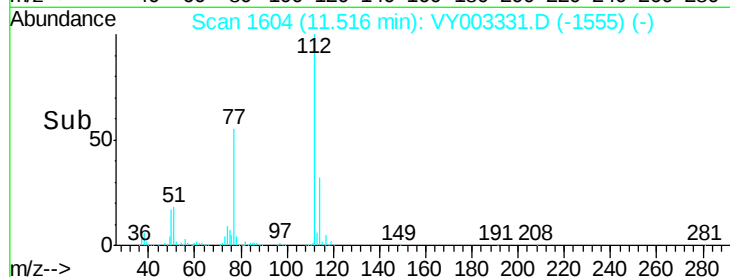
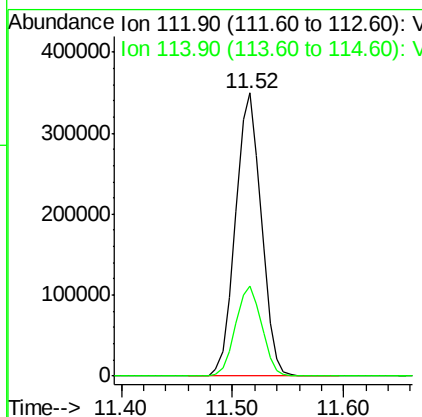
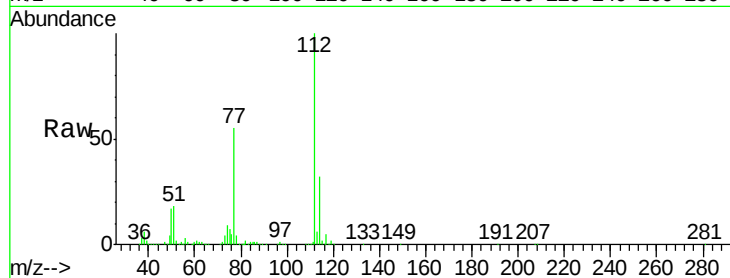
#65
Chlorobenzene
Concen: 47.791 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 559741
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1

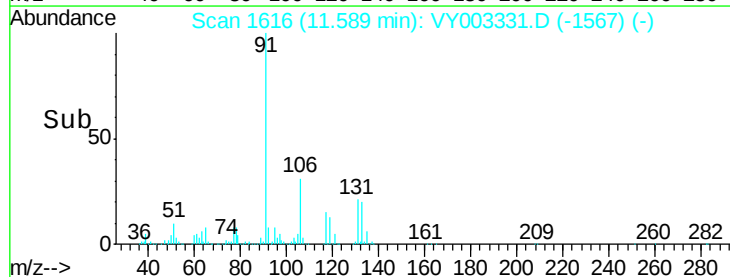
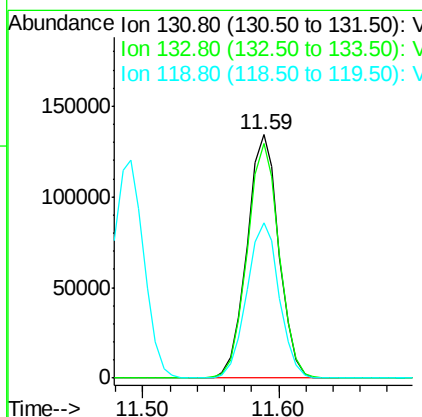
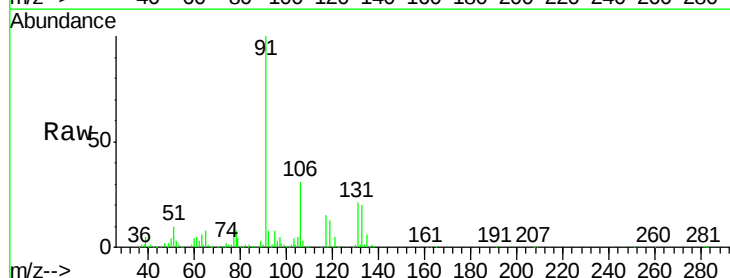
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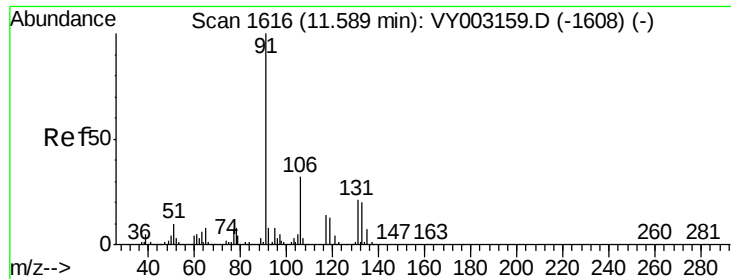
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.470 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion:131 Resp: 220488
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 64.8 32.4 97.0





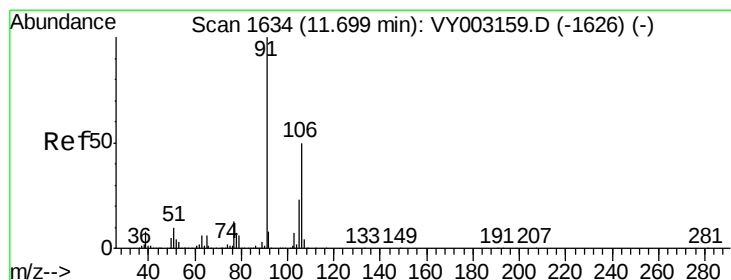
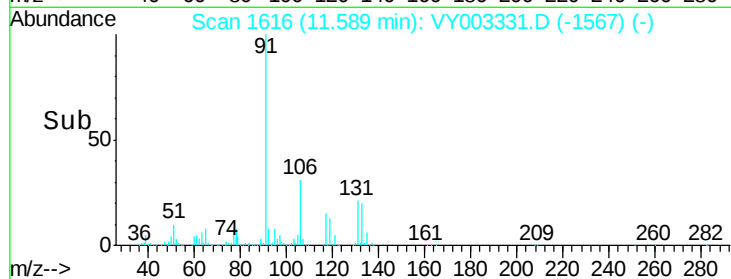
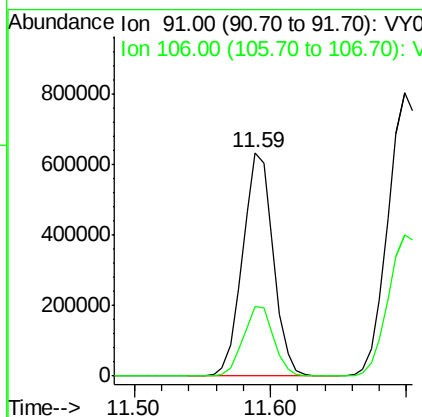
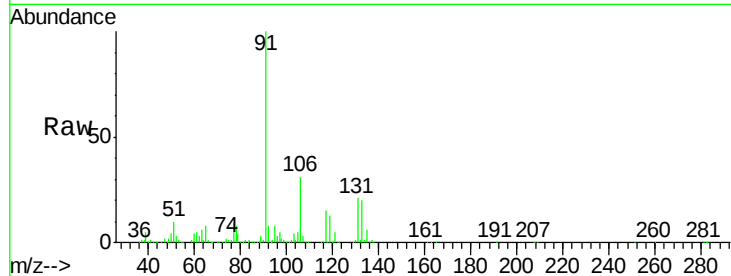
#67
Ethyl Benzene
Concen: 47.522 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 993790
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

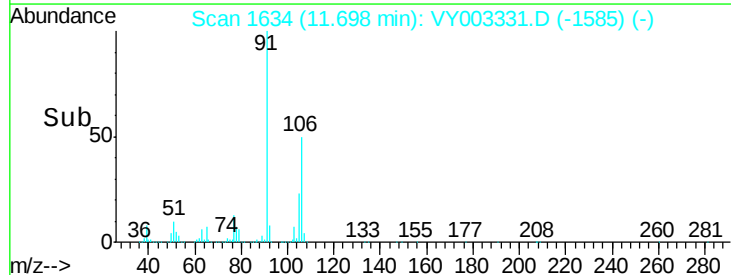
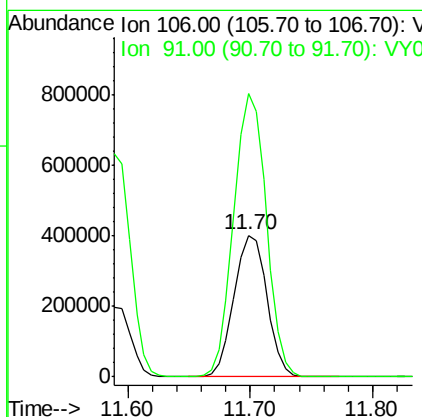
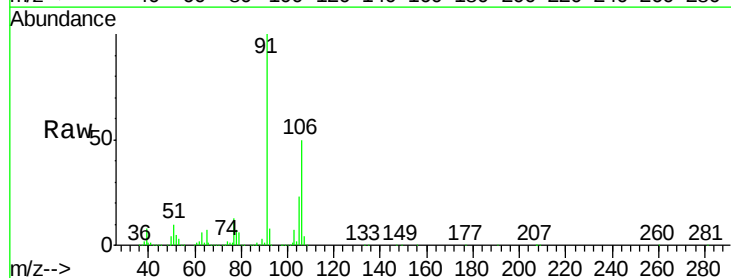
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#68
m/p-Xylenes
Concen: 94.433 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 106 Resp: 749286
Ion Ratio Lower Upper
106 100
91 198.4 159.0 238.6





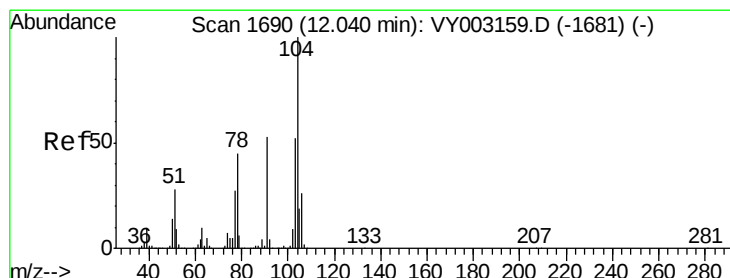
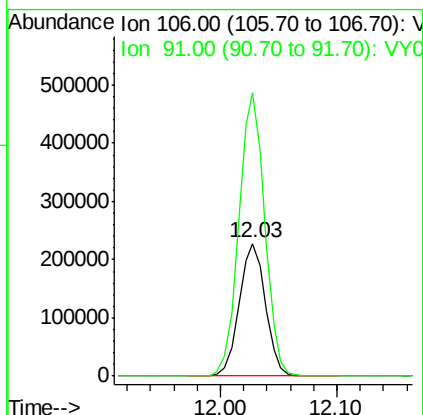
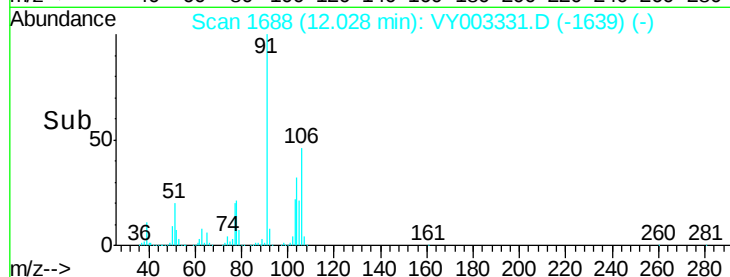
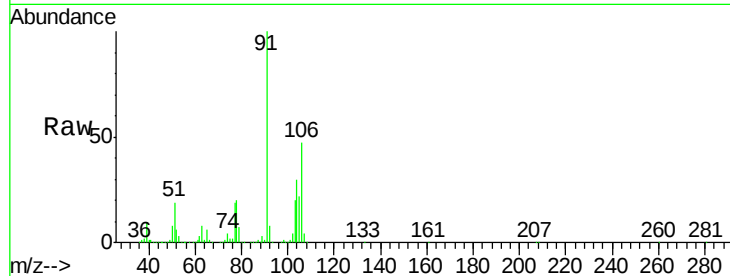
#69
o-Xylene
Concen: 48.238 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	209.7	105.1	315.1	

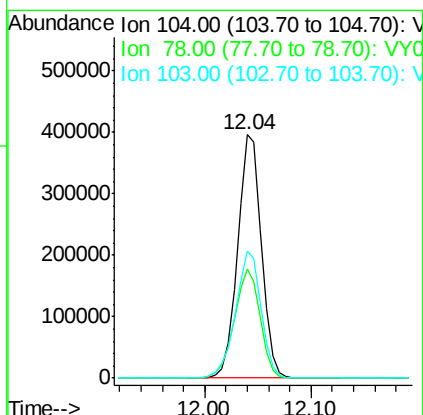
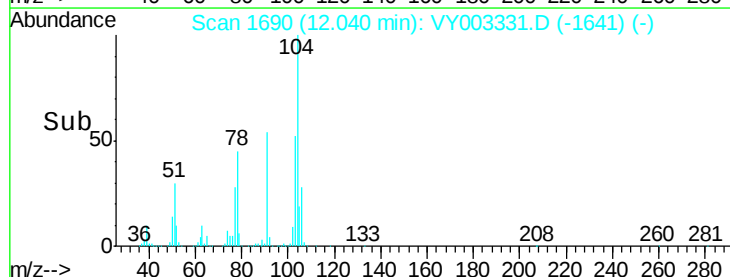
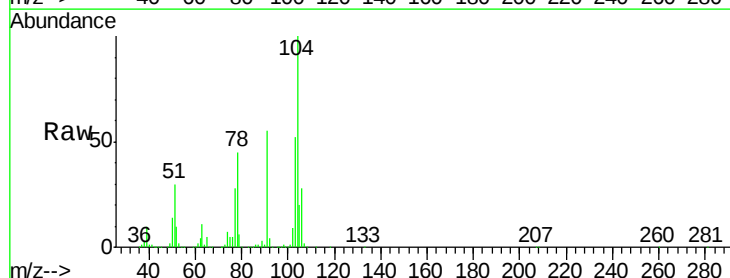
Manual Integrations
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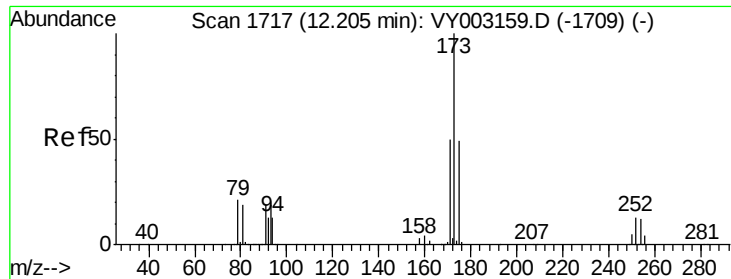
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#70
Styrene
Concen: 48.929 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	48.6	38.5	57.7	
103	56.0	43.9	65.9	





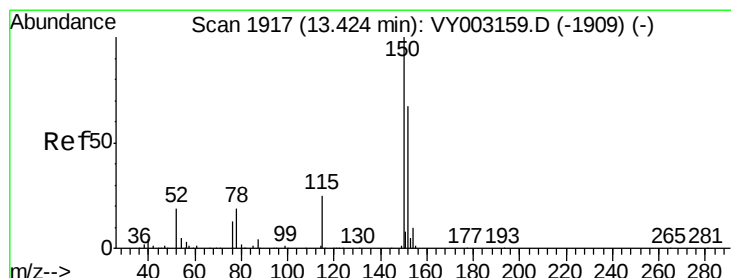
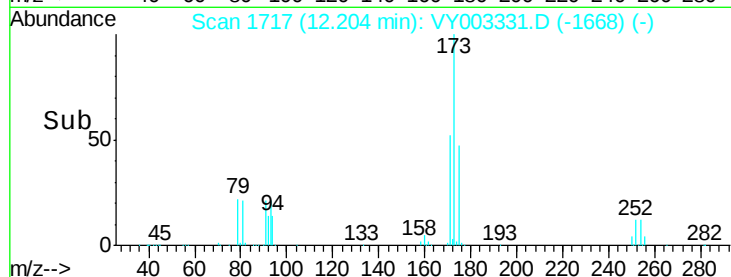
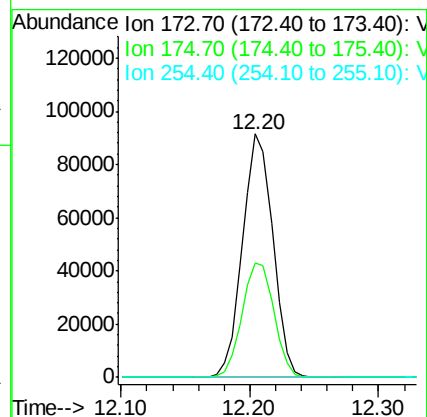
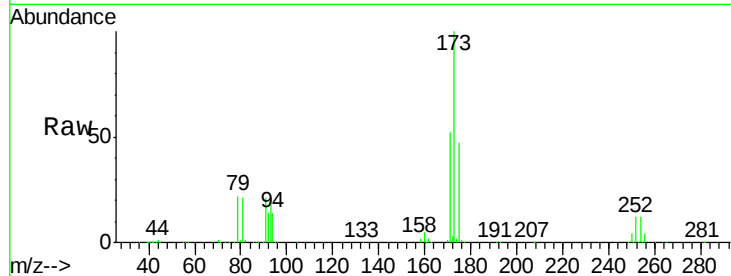
#71
Bromoform
Concen: 49.954 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	73.0
254	0.2	0.2	0.2

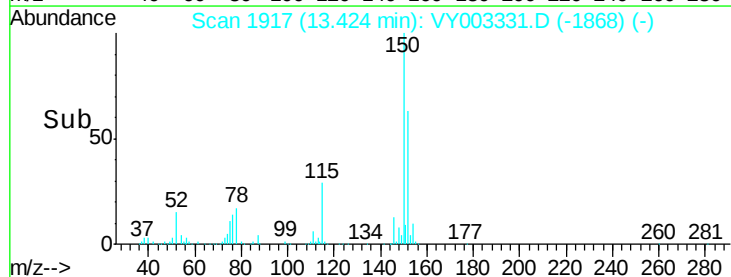
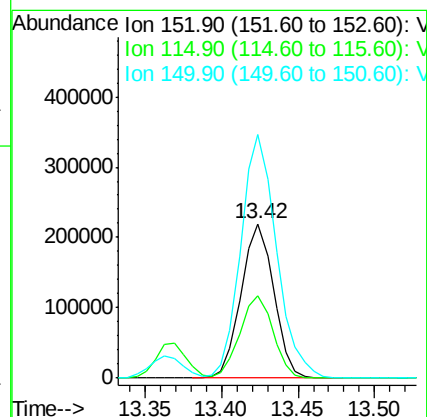
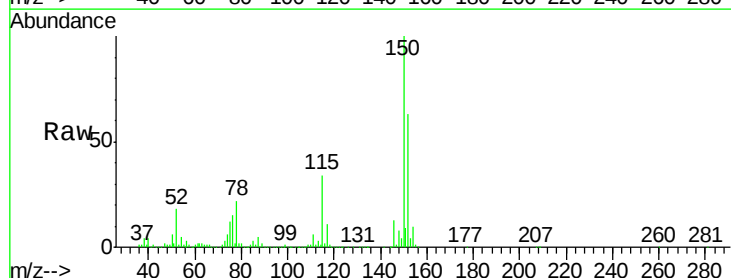
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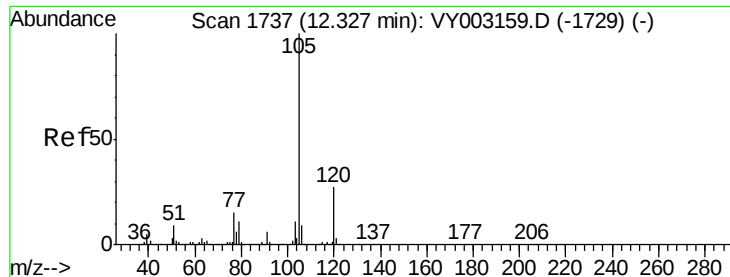
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.9	80.7
150	172.7	0.0	338.0





#73

Isopropylbenzene

Concen: 46.918 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 973267

Ion Ratio Lower Upper

105 100

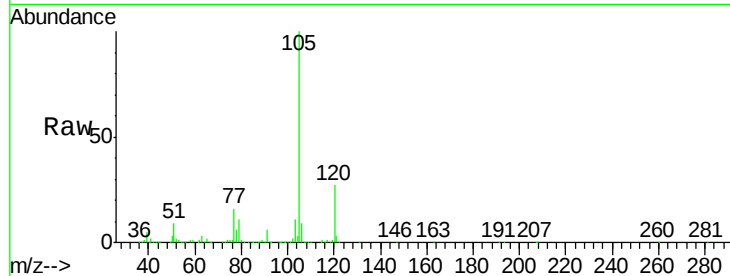
120 27.0 13.4 40.2

Manual Integrations

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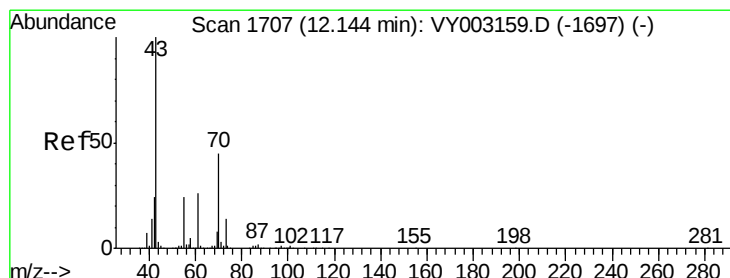
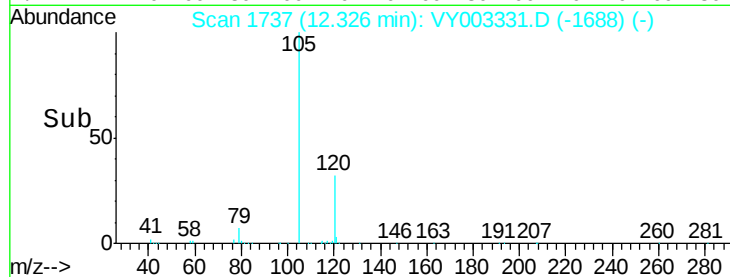
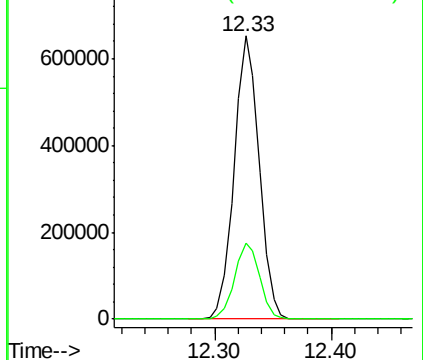
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.912 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Tgt Ion: 43 Resp: 302155

Ion Ratio Lower Upper

43 100

70 43.3 35.6 53.4

55 23.8 19.4 29.2

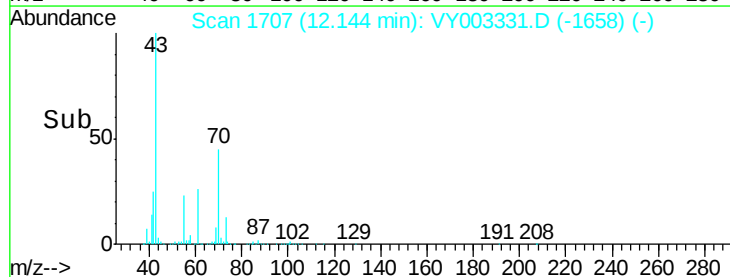
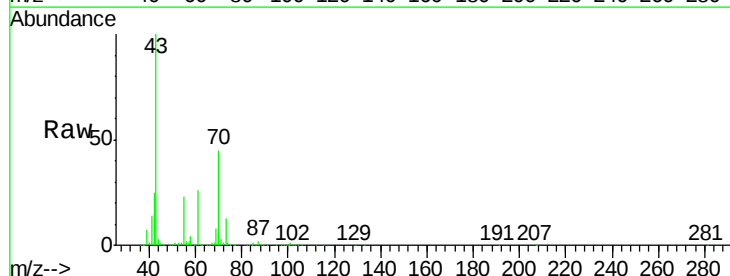
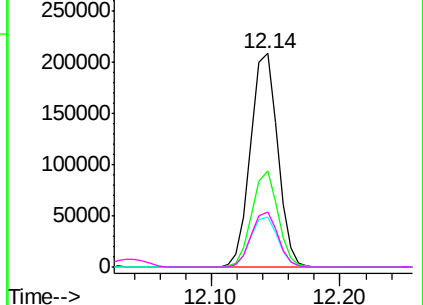
61 25.5 20.8 31.2

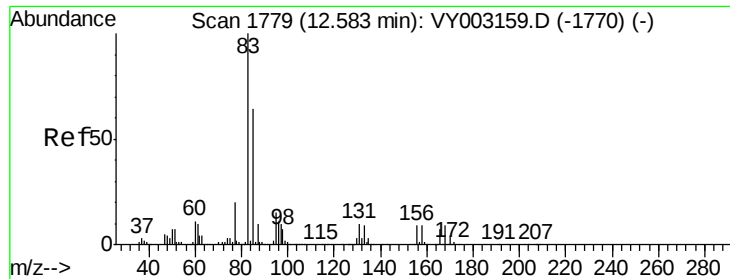
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.538 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 206482

Ion Ratio Lower Upper

83 100

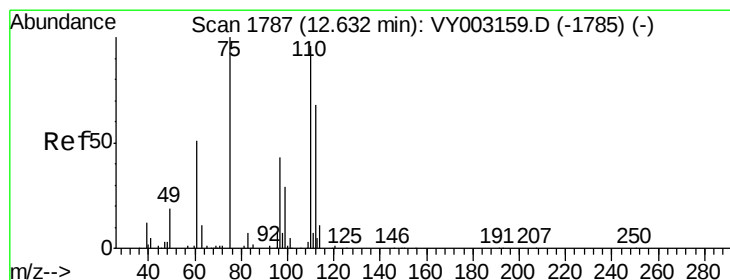
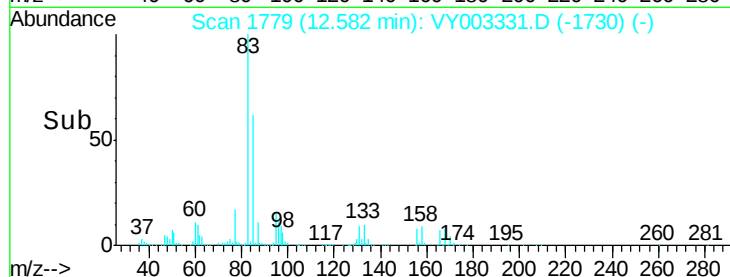
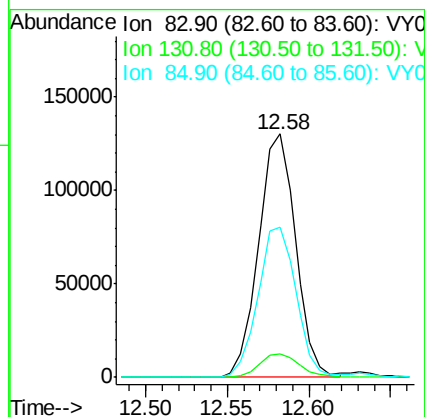
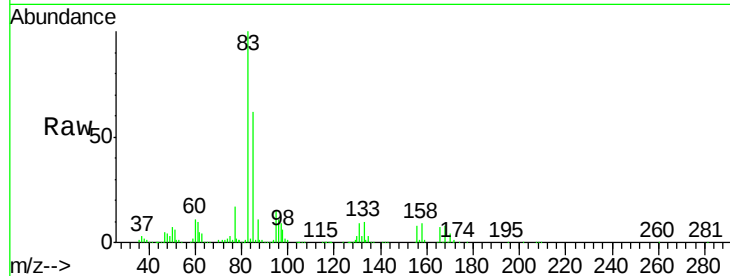
131 10.5 5.2 15.6

85 63.4 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 49.450 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003331.D

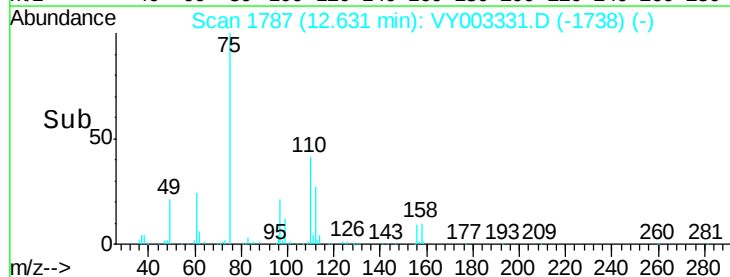
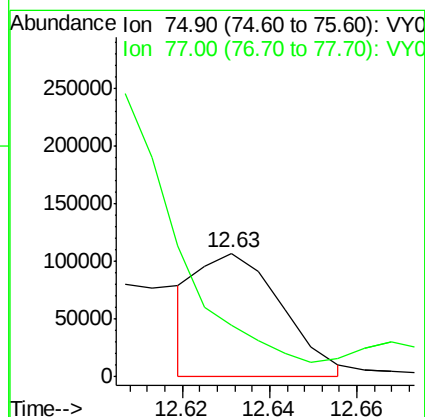
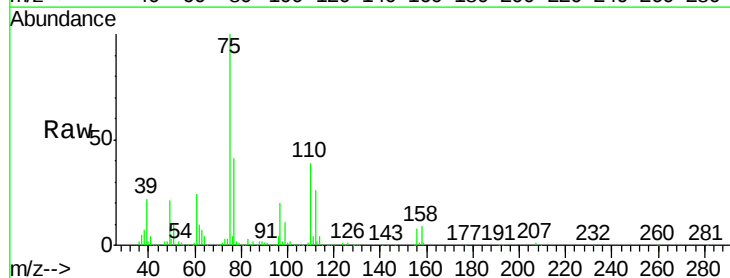
Acq: 23 Jul 2020 21:09

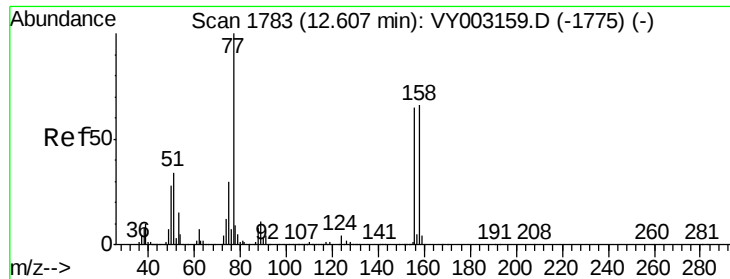
Tgt Ion: 75 Resp: 142484

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





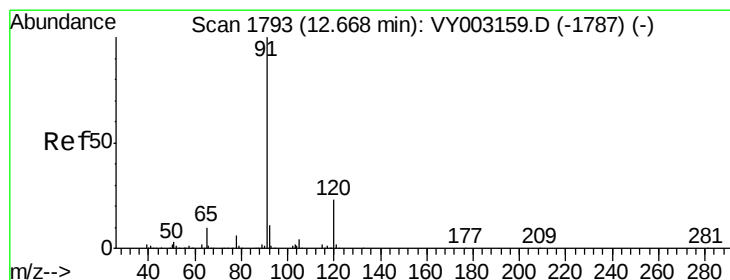
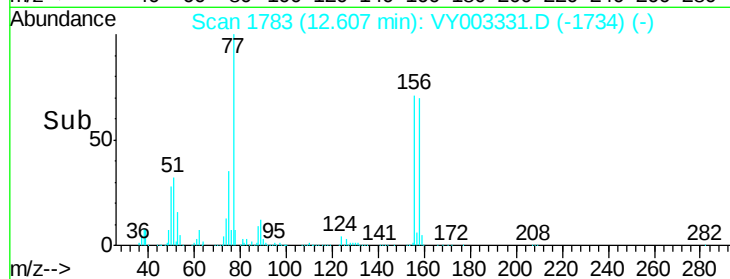
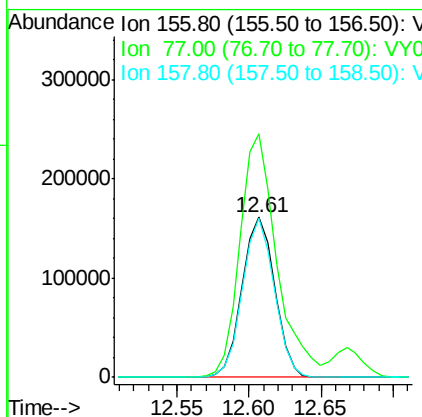
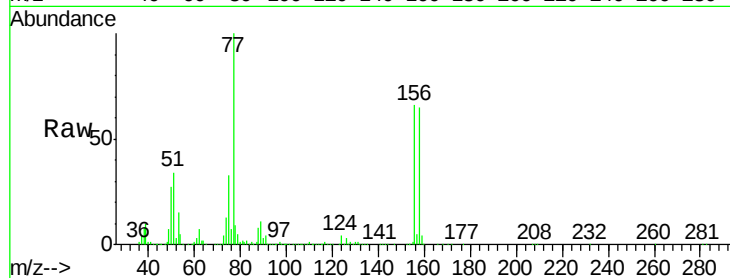
#77
Bromobenzene
Concen: 47.894 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.5	86.6	259.7
158	97.2	49.4	148.0

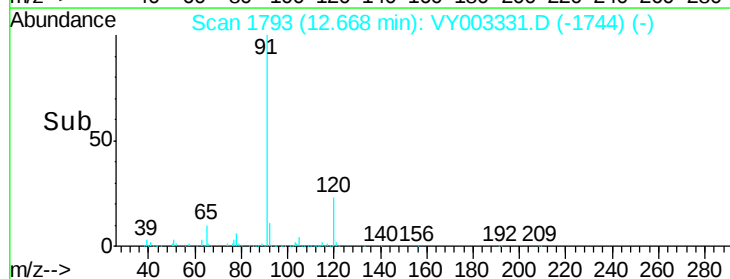
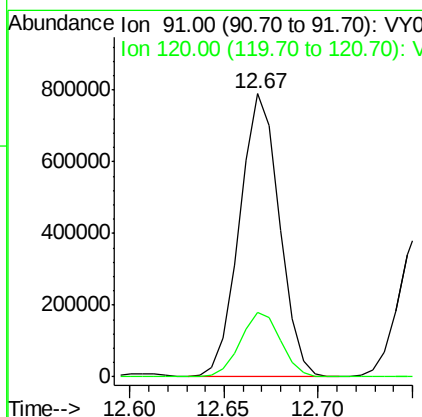
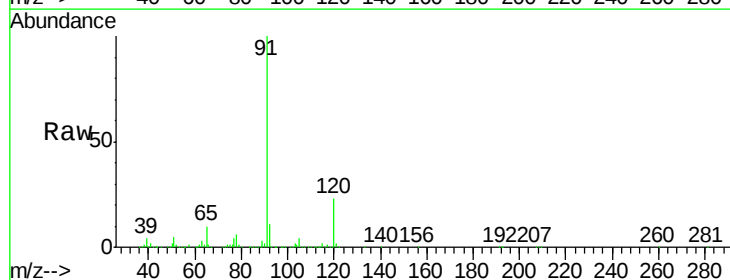
Manual Integrations
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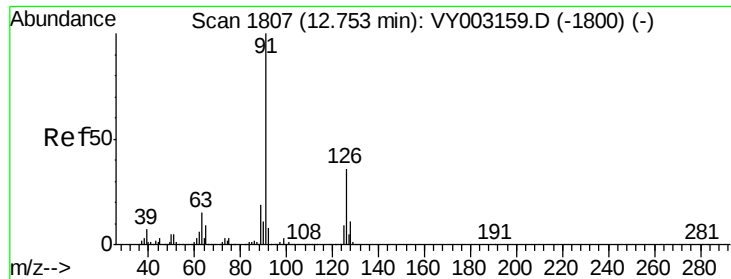
MMDadoda
7/24/2020 12:58:32 PM



#78
n-propylbenzene
Concen: 47.355 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.1





#79

2-Chlorotoluene

Concen: 47.242 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 644510

Ion Ratio Lower Upper

91 100

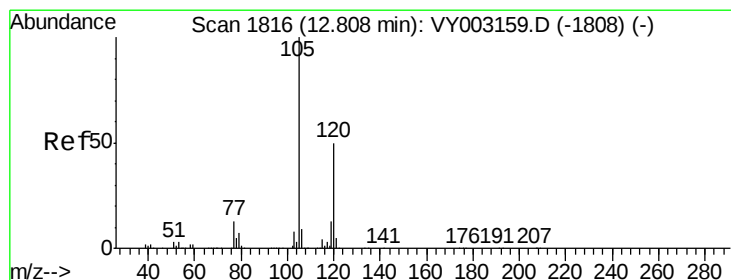
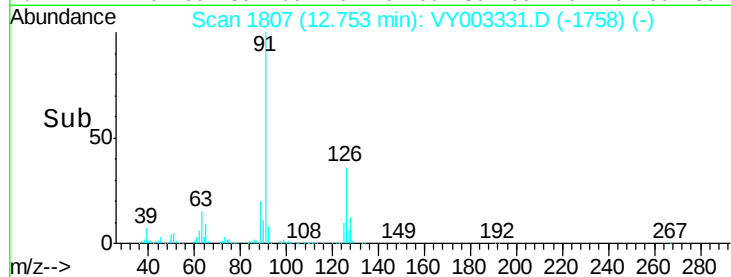
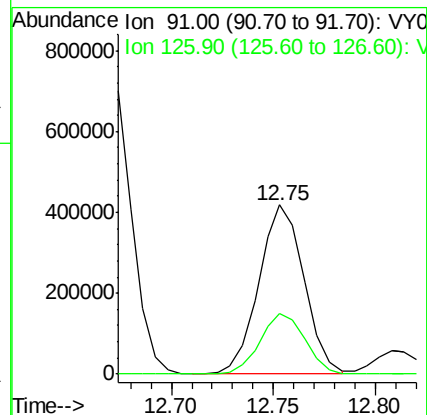
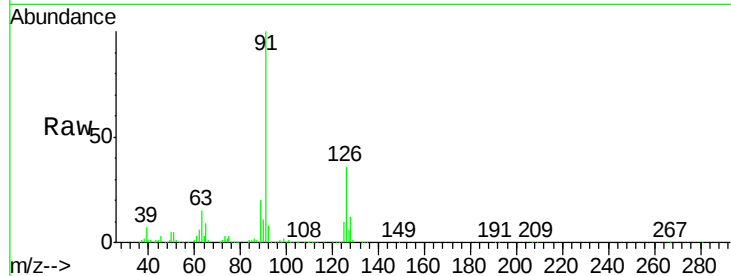
126 35.8 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.351 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003331.D

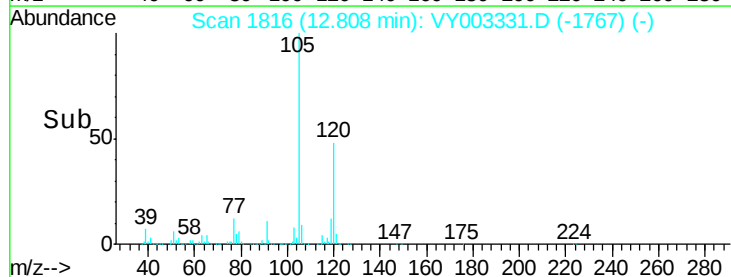
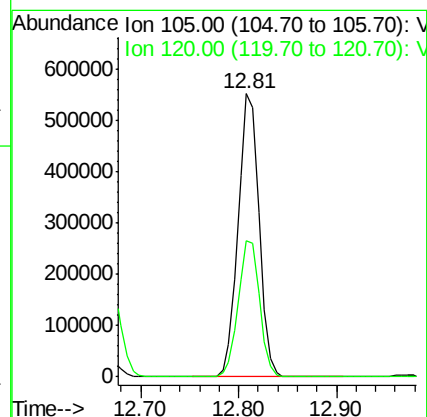
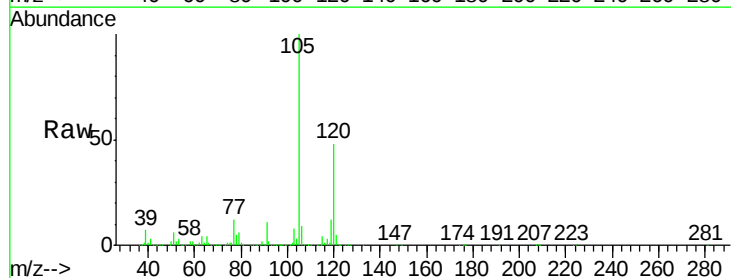
Acq: 23 Jul 2020 21:09

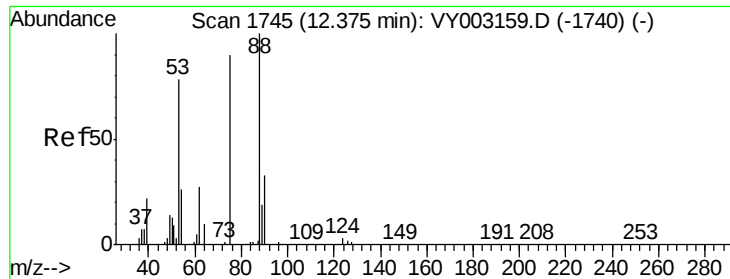
Tgt Ion: 105 Resp: 818668

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.6





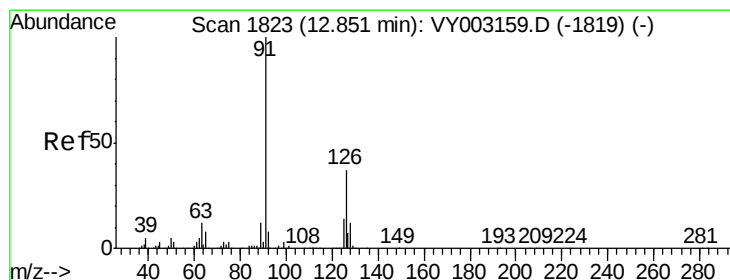
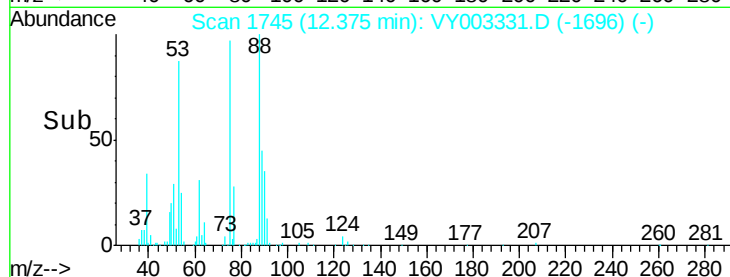
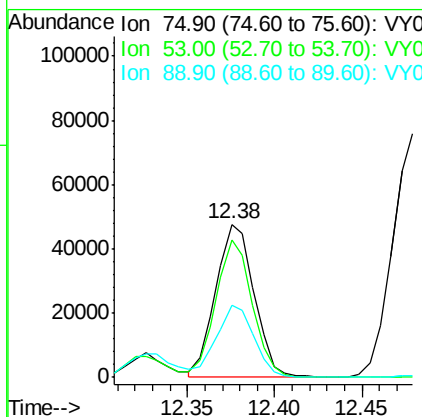
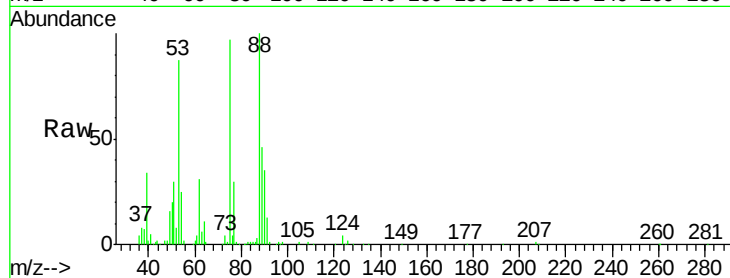
#81
trans-1,4-Dichloro-2-butene
Concen: 48.892 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.6	72.0	108.0
89	46.5	37.3	55.9

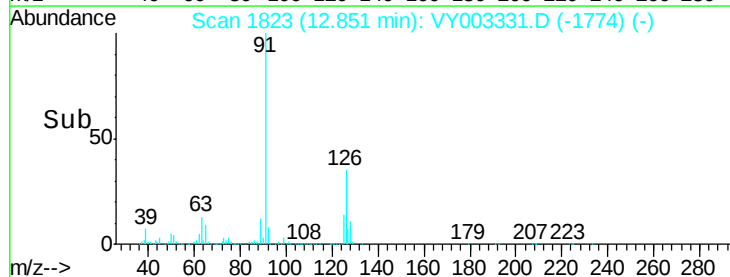
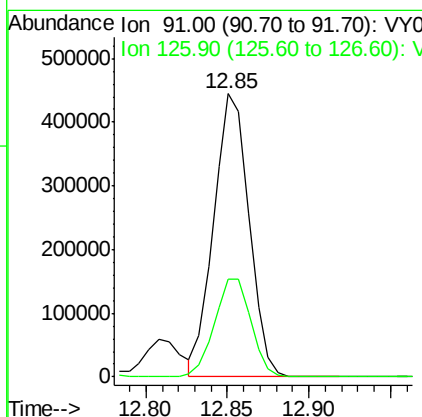
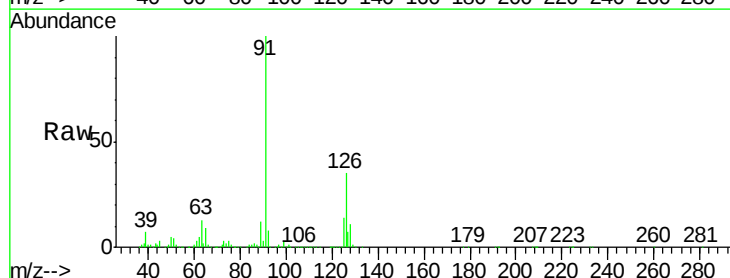
Manual Integrations
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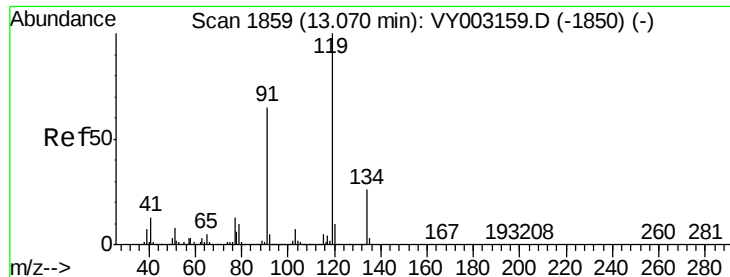
MMDadoda
7/24/2020 12:58:32 PM



#82
4-Chlorotoluene
Concen: 47.092 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.9	53.7





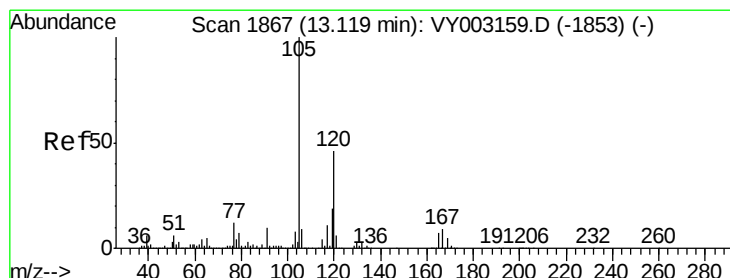
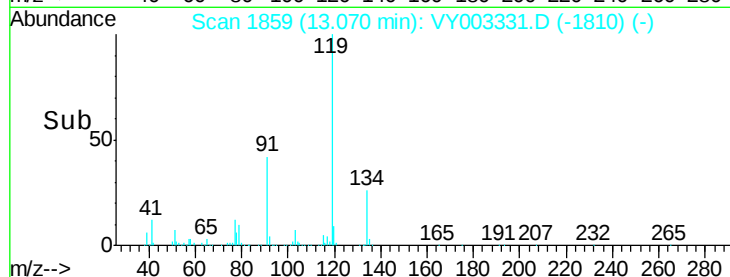
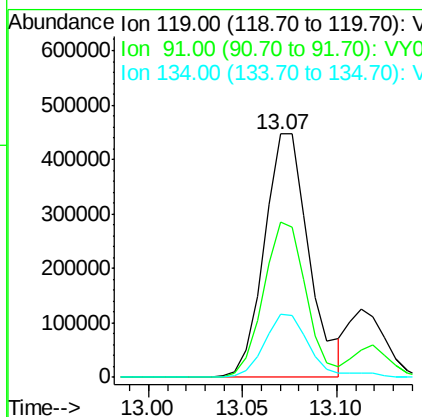
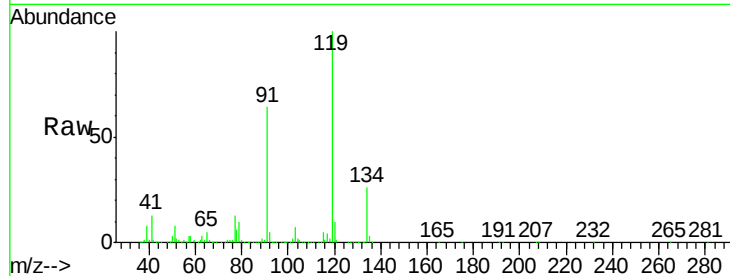
#83
tert-Butylbenzene
Concen: 48.075 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.8	92.4
134	26.5	13.2	39.6

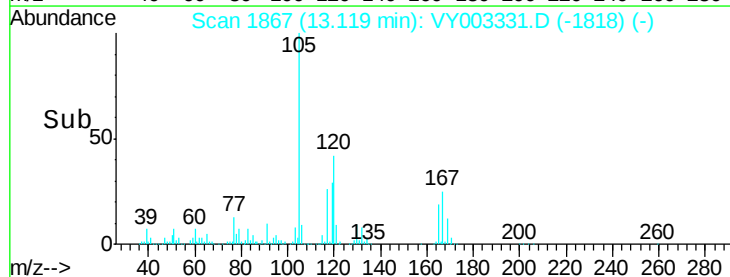
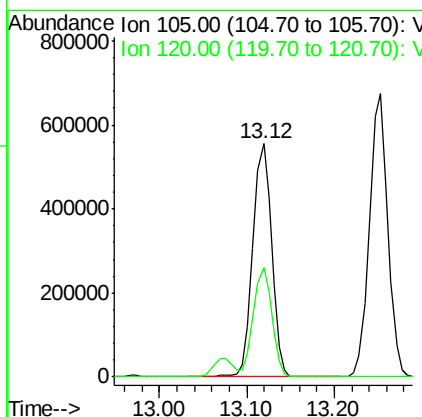
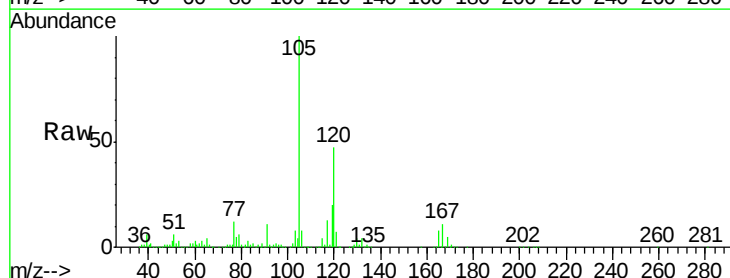
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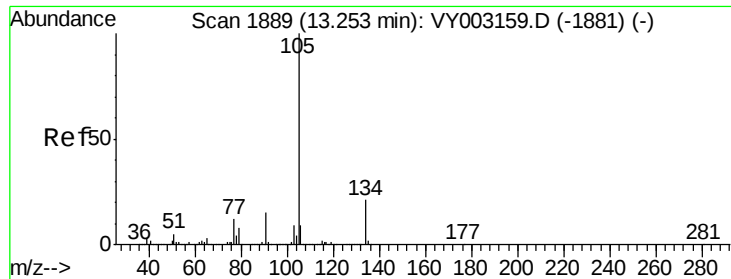
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 47.644 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.5	67.5





#85

sec-Butylbenzene

Concen: 47.397 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 993798

Ion Ratio Lower Upper

105 100

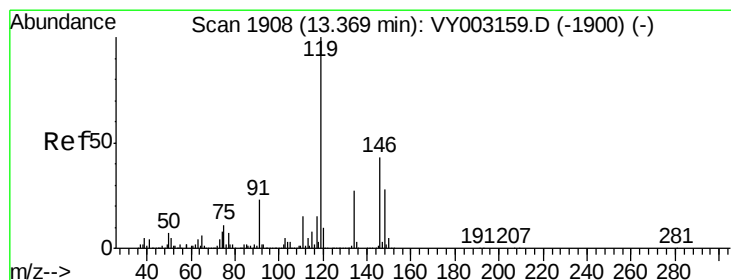
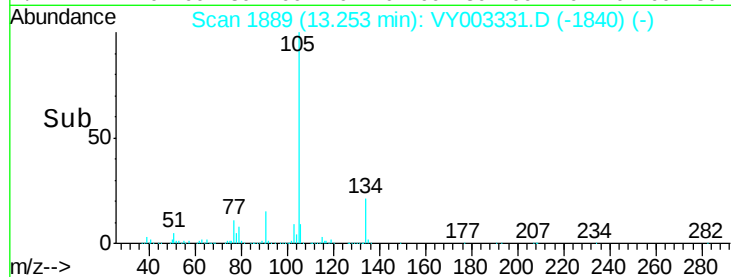
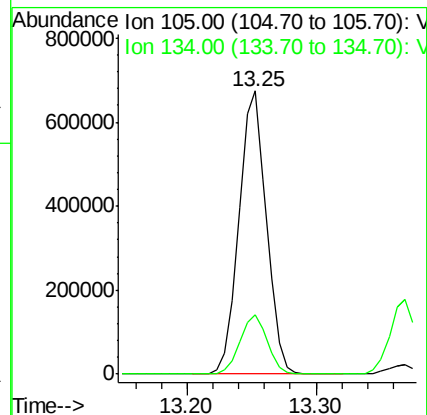
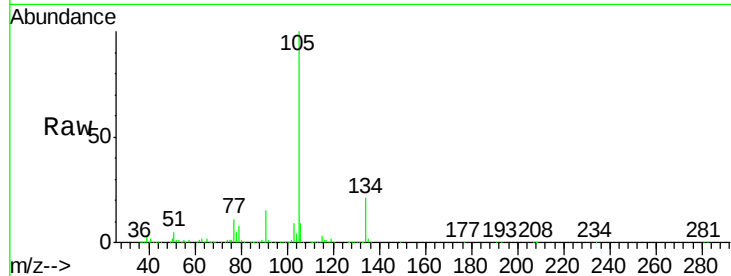
134 20.9 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 47.329 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

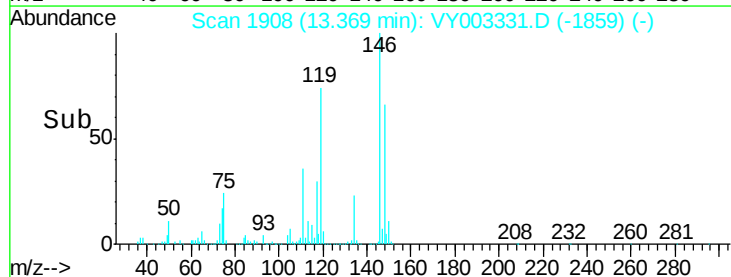
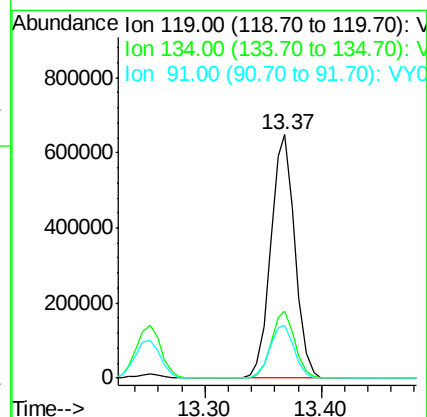
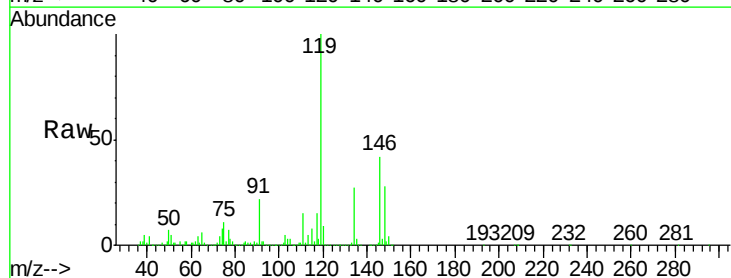
Tgt Ion:119 Resp: 926603

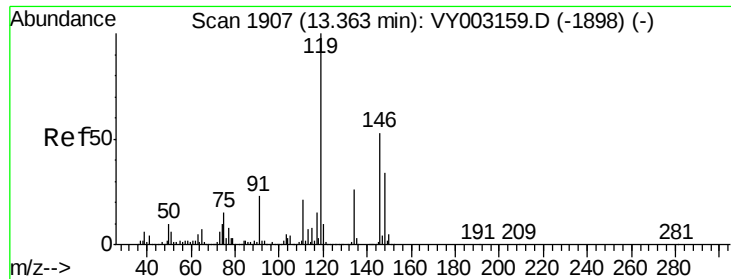
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.0 11.2 33.6





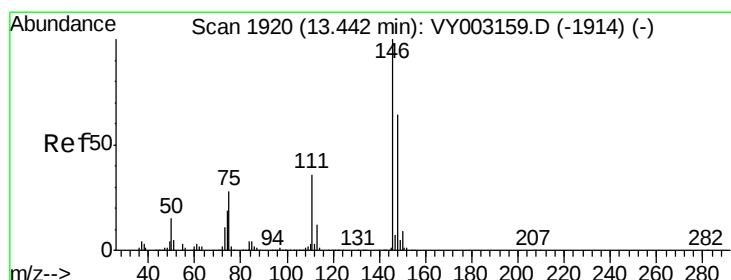
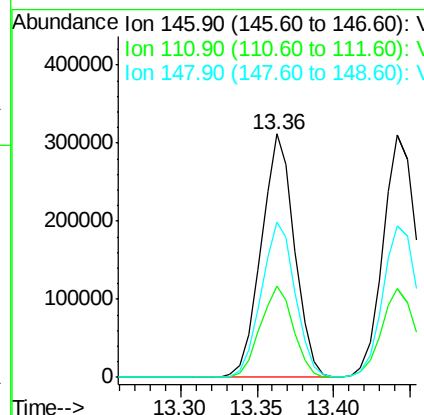
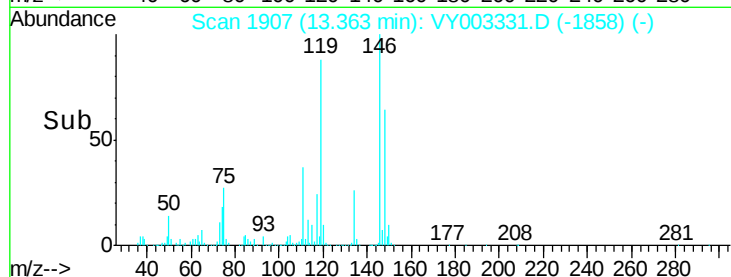
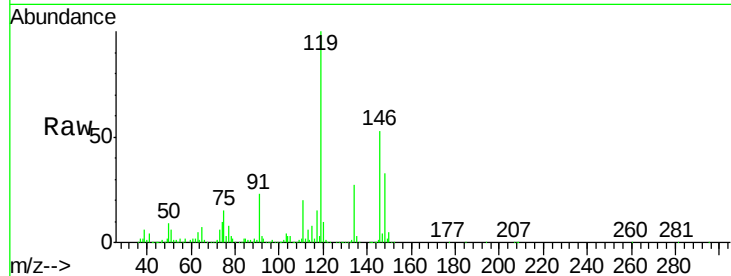
#87
 1,3-Dichlorobenzene
 Concen: 47.102 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	64.8	32.3	96.9

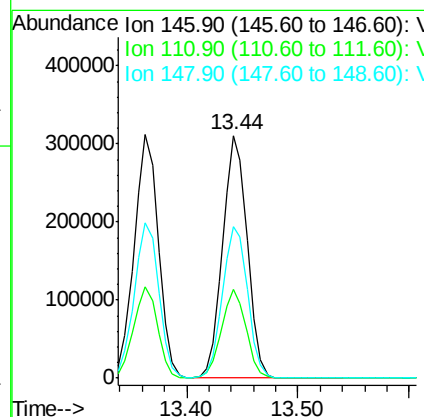
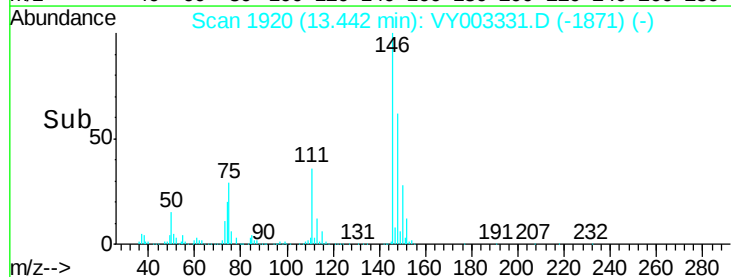
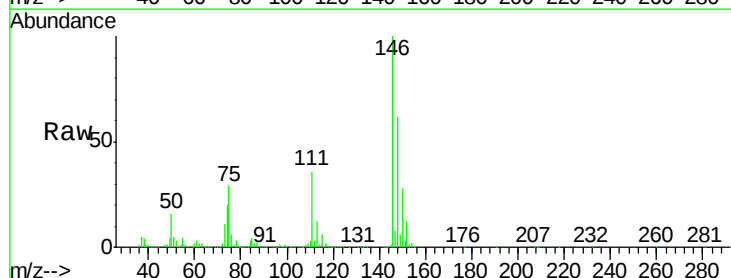
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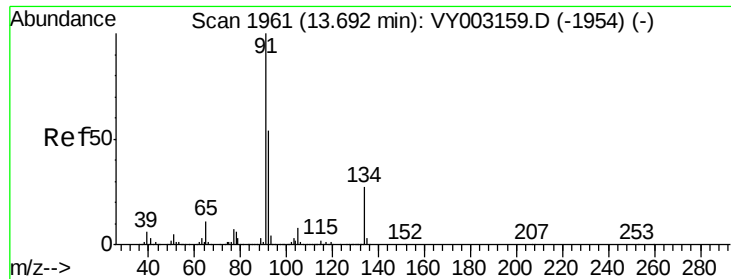
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#88
 1,4-Dichlorobenzene
 Concen: 47.752 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.0
148	63.8	32.0	96.0





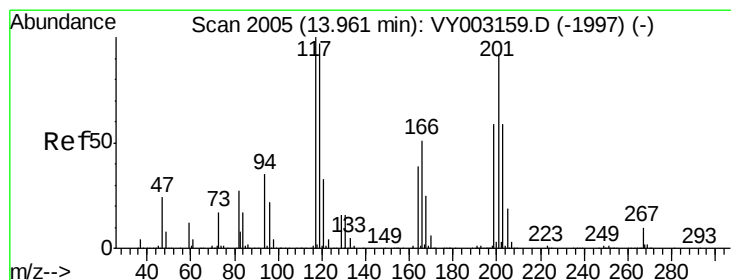
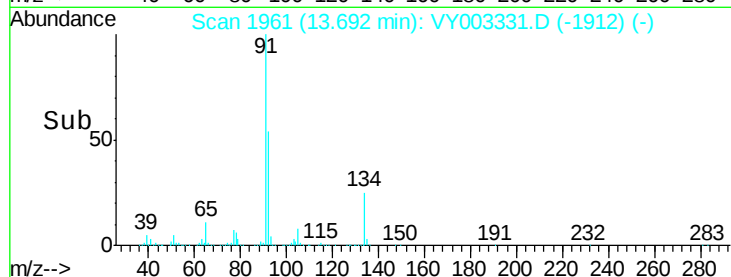
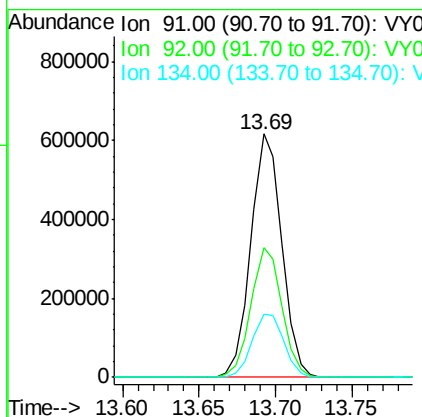
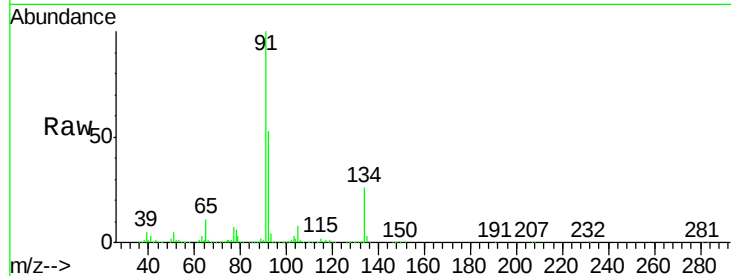
#89
n-Butylbenzene
Concen: 47.095 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	26.9	13.6	40.7

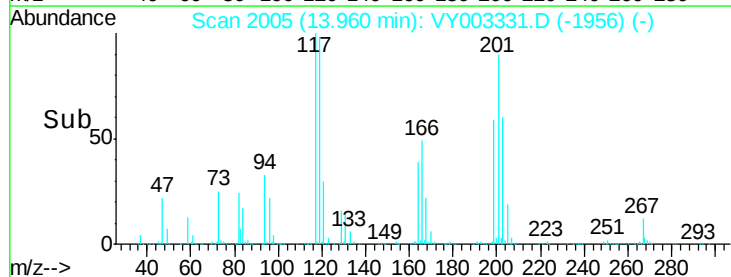
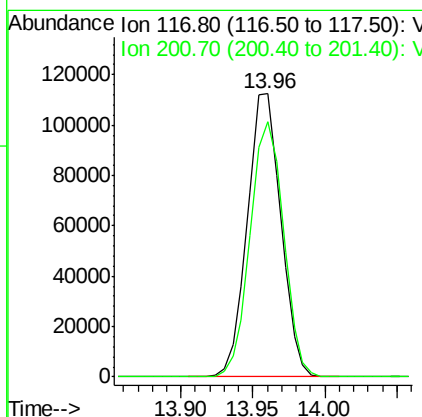
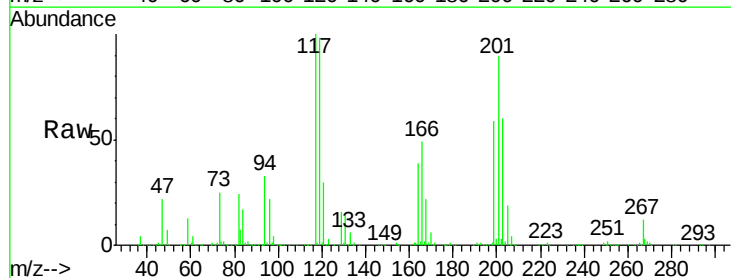
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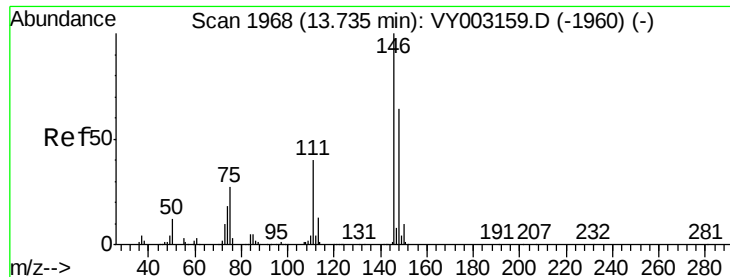
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#90
Hexachloroethane
Concen: 50.908 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	45.1	135.3





#91

1,2-Dichlorobenzene

Concen: 48.872 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

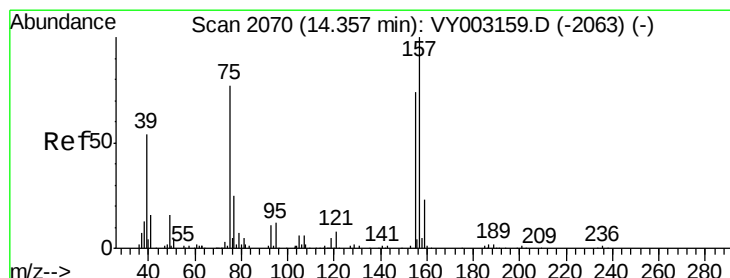
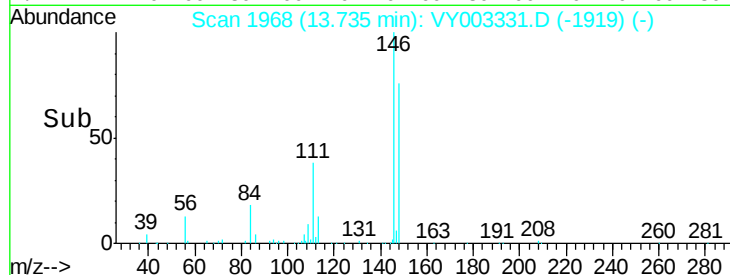
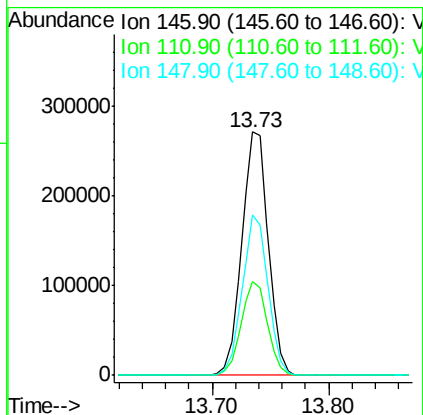
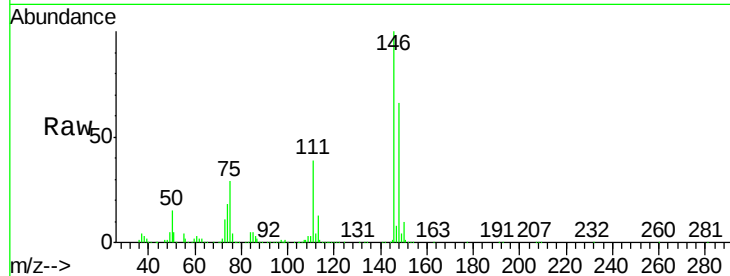
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	428857
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.6	58.8
148	63.7	32.4	97.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.785 ug/l

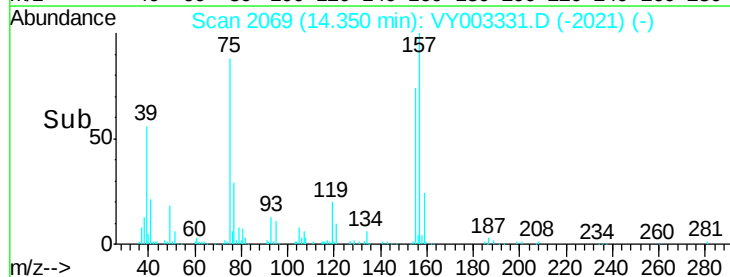
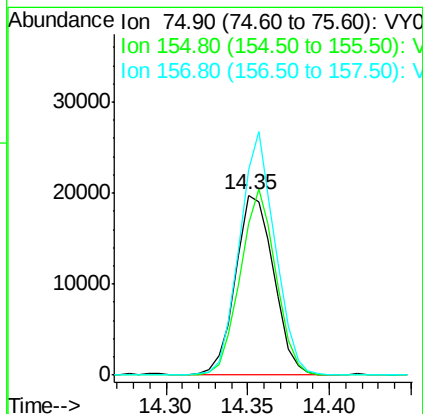
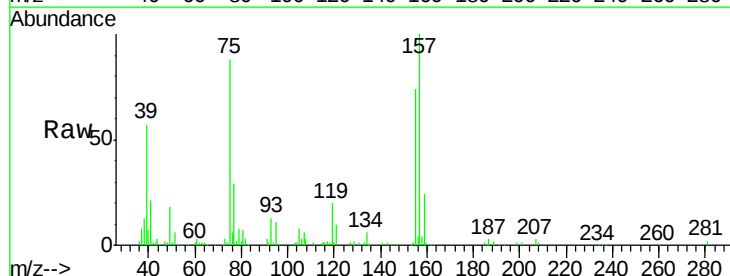
RT: 14.35 min Scan# 2069

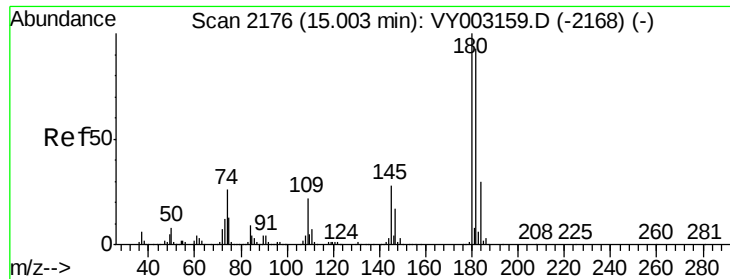
Delta R.T. -0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Tgt Ion:	75	Resp:	32337
Ion Ratio	Lower	Upper	
75	100		
155	96.2	48.1	144.3
157	124.8	61.9	185.6





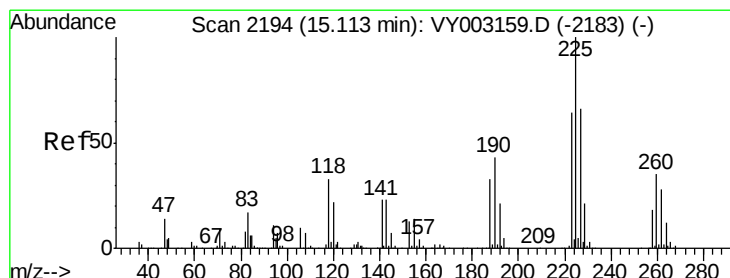
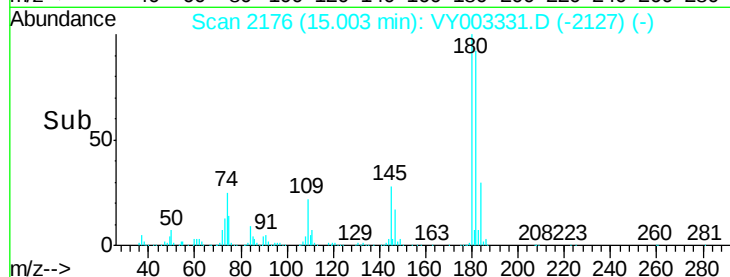
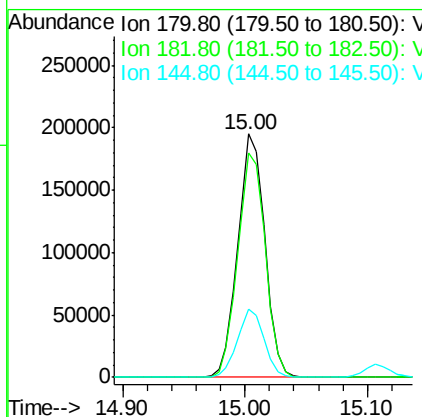
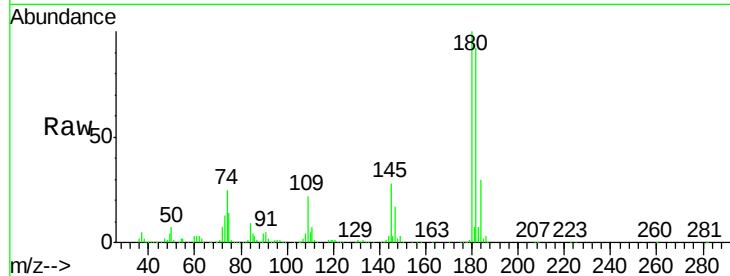
#93
 1,2,4-Trichlorobenzene
 Concen: 47.615 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	297246		
182	94.1	47.3	142.0	
145	27.6	13.7	41.1	

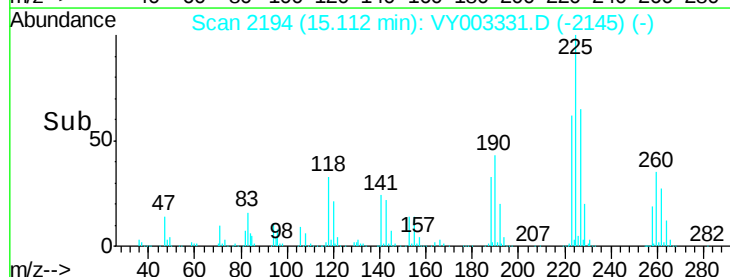
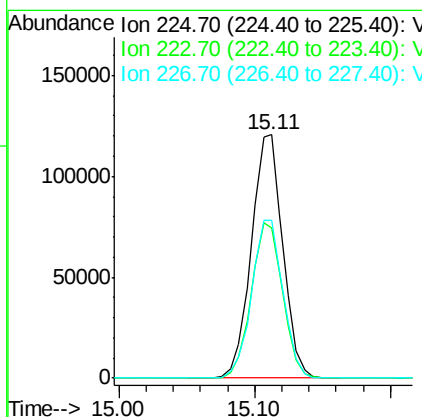
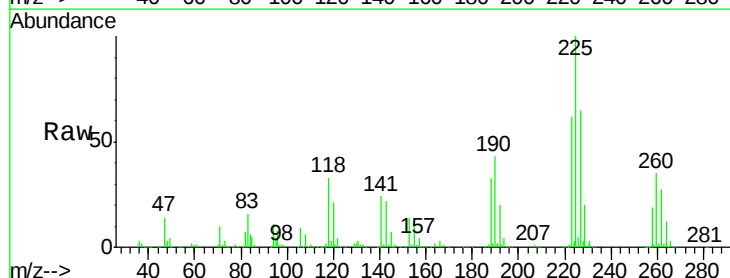
Manual Integrations
 APPROVED

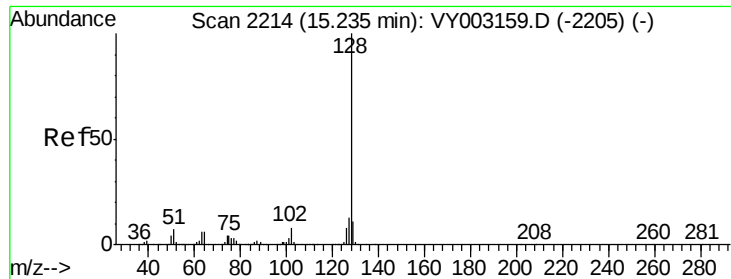
MMDadoda
 7/24/2020 12:58:32 PM



#94
 Hexachlorobutadiene
 Concen: 45.595 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	195036		
223	63.7	31.6	94.7	
227	64.7	32.3	96.8	





#95

Naphthalene

Concen: 51.498 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

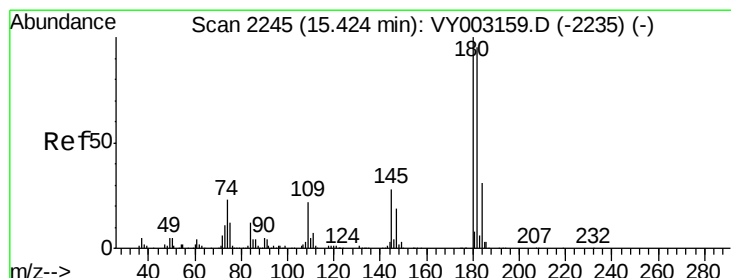
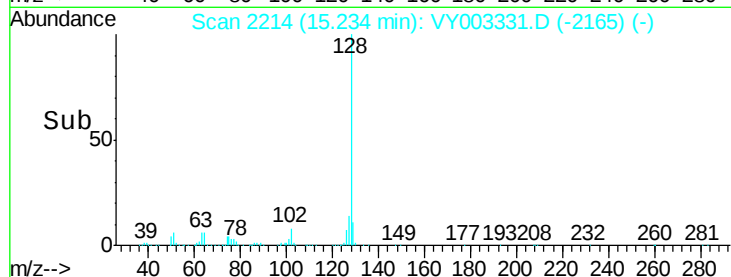
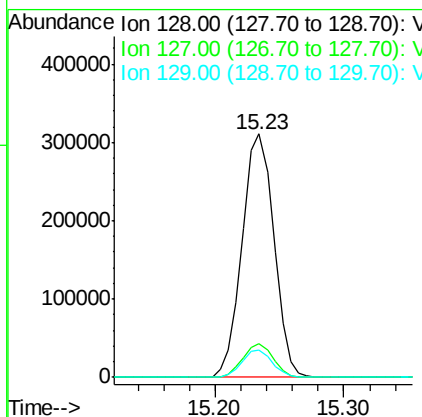
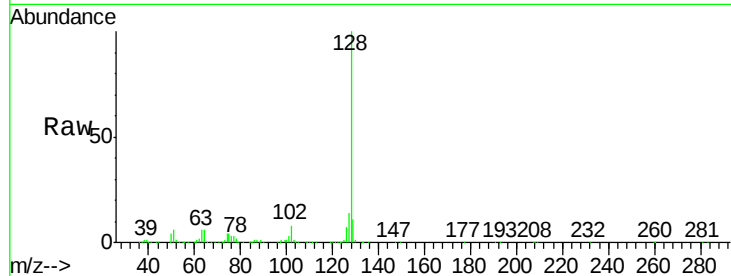
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	531312
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.9	16.3
129	10.8	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/24/2020 12:58:32 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.784 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Tgt Ion:	180	Resp:	245672
Ion Ratio	Lower	Upper	
180	100		
182	94.7	48.8	146.3
145	29.0	14.9	44.5

