

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003502.D
 Acq On : 03 Nov 2020 18:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:57:49 AM

Quant Time: Nov 04 01:16:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	217192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	314322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	295136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	117613	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	7.72	113	102172	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
50) Toluene-d8	10.18	98	410265	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.48	95	141202	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	76912	44.757	ug/l	95
3) Chloromethane	2.12	50	104104	46.017	ug/l	98
4) Vinyl Chloride	2.26	62	114890	45.242	ug/l	99
5) Bromomethane	2.65	94	88057	41.503	ug/l	100
6) Chloroethane	2.80	64	73179	48.349	ug/l	99
7) Trichlorofluoromethane	3.13	101	155267	48.169	ug/l	98
8) Diethyl Ether	3.54	74	52869	53.486	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	88282	49.554	ug/l	99
10) Methyl Iodide	4.10	142	87589	48.094	ug/l	98
11) Tert butyl alcohol	4.97	59	51480	231.136	ug/l	100
12) 1,1-Dichloroethene	3.88	96	85741	48.372	ug/l	96
13) Acrolein	3.74	56	40719	220.358	ug/l	99
14) Allyl chloride	4.49	41	159683	49.378	ug/l	100
15) Acrylonitrile	5.18	53	127145	240.973	ug/l	99
16) Acetone	3.96	43	147638	200.998	ug/l	96
17) Carbon Disulfide	4.20	76	273079	47.555	ug/l	99
18) Methyl Acetate	4.49	43	69930	50.379	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	235013	53.530	ug/l	98
20) Methylene Chloride	4.72	84	101611	49.121	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	101092	49.254	ug/l	99
22) Diisopropyl ether	6.13	45	308125	54.323	ug/l	97
23) Vinyl Acetate	6.07	43	1104588	259.149	ug/l	99
24) 1,1-Dichloroethane	6.03	63	183771	50.985	ug/l	98
25) 2-Butanone	7.00	43	207282	225.631	ug/l	99
26) 2,2-Dichloropropane	6.99	77	162586	48.418	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	114012	51.264	ug/l	100
28) Bromochloromethane	7.35	49	100264	55.295	ug/l	97
29) Tetrahydrofuran	7.36	42	117330	244.417	ug/l	99
30) Chloroform	7.52	83	185269	52.333	ug/l	98
31) Cyclohexane	7.79	56	157226	47.111	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	165311	50.053	ug/l	100
36) 1,1-Dichloropropene	7.92	75	145922	49.239	ug/l	99
37) Ethyl Acetate	7.08	43	86276	46.883	ug/l	99
38) Carbon Tetrachloride	7.91	117	150917	49.088	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	163789	49.635	ug/l	99
40) Benzene	8.17	78	411131	49.850	ug/l	100
41) Methacrylonitrile	7.33	41	49809m	50.686	ug/l	
42) 1,2-Dichloroethane	8.25	62	131937	51.056	ug/l	99
43) Isopropyl Acetate	8.28	43	165680	50.096	ug/l	99
44) Trichloroethene	8.94	130	114298	49.367	ug/l	96
45) 1,2-Dichloropropane	9.22	63	107453	51.592	ug/l	99
46) Dibromomethane	9.31	93	58942	51.440	ug/l	98
47) Bromodichloromethane	9.50	83	148032	52.783	ug/l	98
48) Methyl methacrylate	9.30	41	77415	49.691	ug/l	97
49) 1,4-Dioxane	9.30	88	14377	1005.577	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	434812	246.759	ug/l	99
52) Toluene	10.24	92	262307	50.851	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	154879	51.893	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	175708	52.317	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	83487	51.327	ug/l	97
56) Ethyl methacrylate	10.51	69	117083	53.740	ug/l	99
57) 1,3-Dichloropropane	10.79	76	148021	52.335	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	286287	259.208	ug/l	99
59) 2-Hexanone	10.83	43	309943	237.565	ug/l	100
60) Dibromochloromethane	10.99	129	107113	53.579	ug/l	99
61) 1,2-Dibromoethane	11.09	107	79589	50.683	ug/l	99
64) Tetrachloroethene	10.72	164	107474	48.761	ug/l	96
65) Chlorobenzene	11.52	112	284011	49.533	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	111490	51.559	ug/l	100
67) Ethyl Benzene	11.59	91	519053	49.924	ug/l	99
68) m/p-Xylenes	11.70	106	392018	99.498	ug/l	100
69) o-Xylene	12.03	106	184252	50.838	ug/l	98
70) Styrene	12.04	104	318653	51.782	ug/l	100
71) Bromoform	12.20	173	72247	50.126	ug/l #	99
73) Isopropylbenzene	12.33	105	505314	47.934	ug/l	100
74) N-amyl acetate	12.14	43	147213	49.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	105096	46.673	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	72534m	42.479	ug/l	
77) Bromobenzene	12.61	156	130676	48.788	ug/l	99
78) n-propylbenzene	12.67	91	598171	48.173	ug/l	100
79) 2-Chlorotoluene	12.75	91	338071	48.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	433356	49.615	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	36775	44.951	ug/l	100
82) 4-Chlorotoluene	12.85	91	349135	48.158	ug/l	99
83) tert-Butylbenzene	13.07	119	371649	47.976	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	433923	49.707	ug/l	99
85) sec-Butylbenzene	13.25	105	518228	49.406	ug/l	100
86) p-Isopropyltoluene	13.37	119	482276	49.578	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	247741	49.652	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	244436	49.266	ug/l	99
89) n-Butylbenzene	13.69	91	441605	49.702	ug/l	100
90) Hexachloroethane	13.96	117	82073	50.132	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	222133	50.115	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	18697	45.869	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	162490	51.827	ug/l	99
94) Hexachlorobutadiene	15.11	225	101292	50.222	ug/l	98
95) Naphthalene	15.23	128	309681	49.326	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	147354	52.248	ug/l	99

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

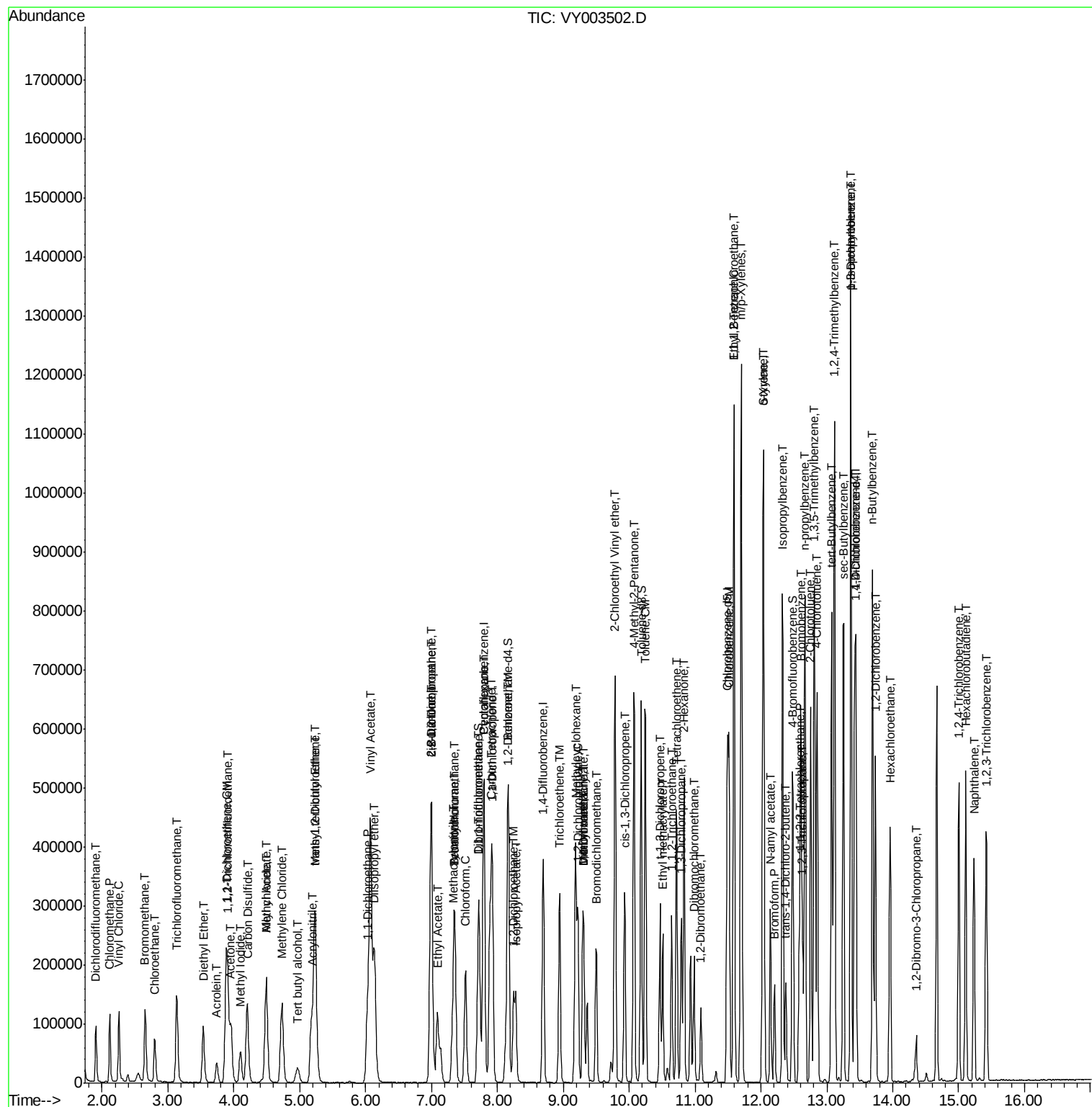
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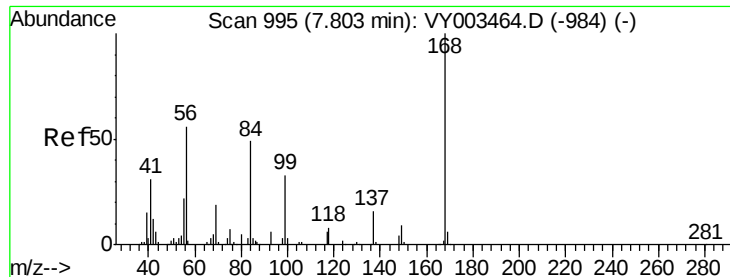
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 217192

Ion Ratio Lower Upper

168 100

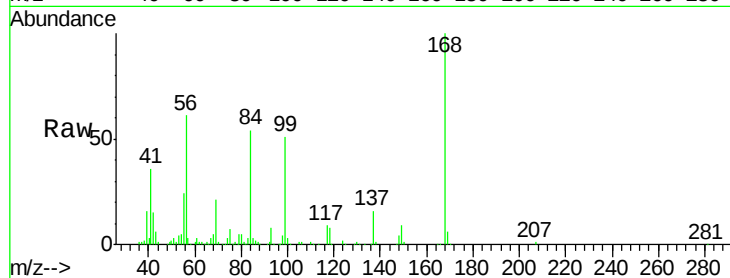
99 50.7 39.7 59.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.80

100000

80000

60000

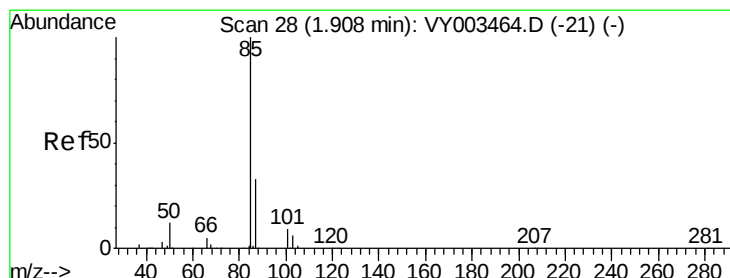
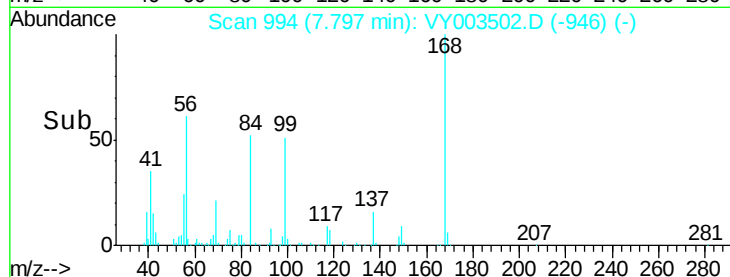
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.757 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003502.D

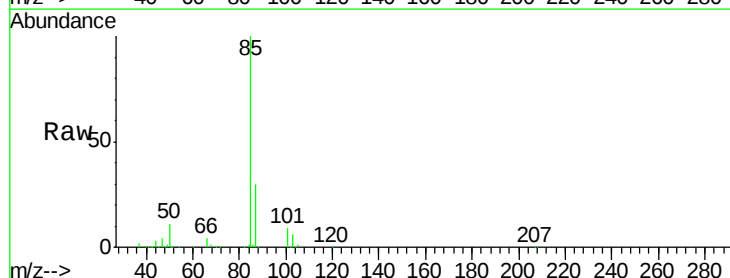
Acq: 03 Nov 2020 18:56

Tgt Ion: 85 Resp: 76912

Ion Ratio Lower Upper

85 100

87 30.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)

1.91

60000

50000

40000

30000

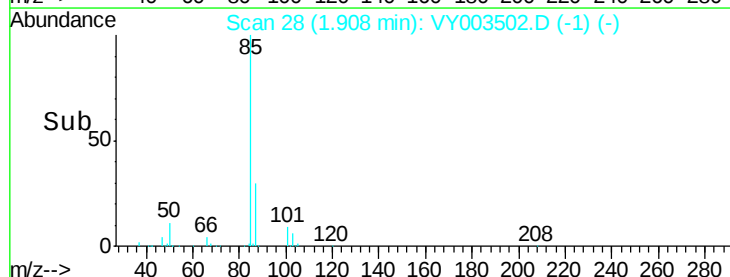
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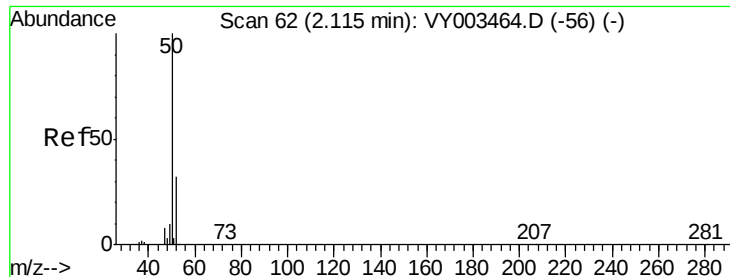
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0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.017 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 104104

Ion Ratio Lower Upper

50 100

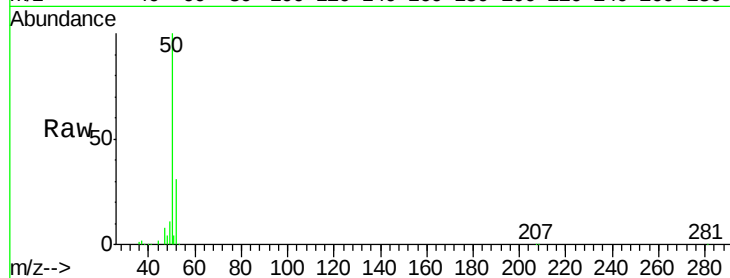
52 31.1 25.6 38.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

80000

60000

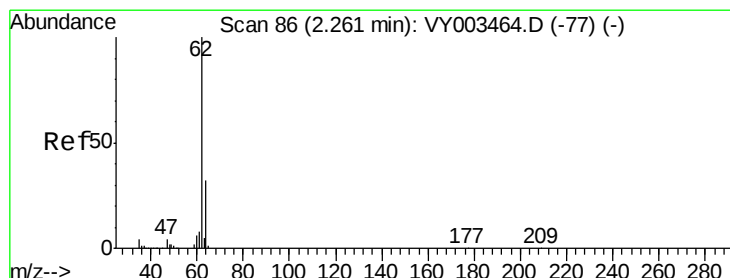
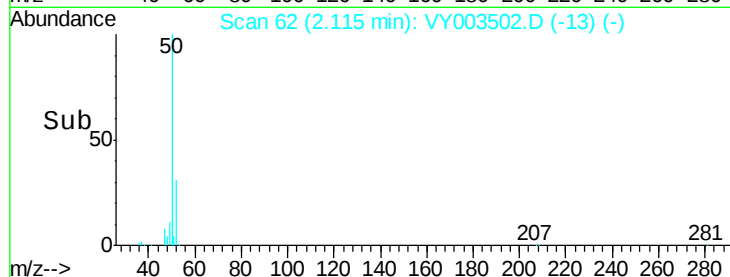
40000

20000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 45.242 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003502.D

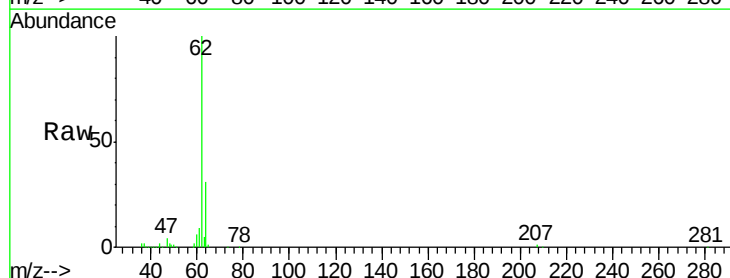
Acq: 03 Nov 2020 18:56

Tgt Ion: 62 Resp: 114890

Ion Ratio Lower Upper

62 100

64 31.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

80000

60000

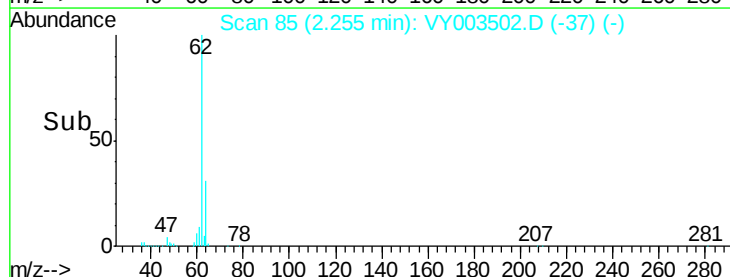
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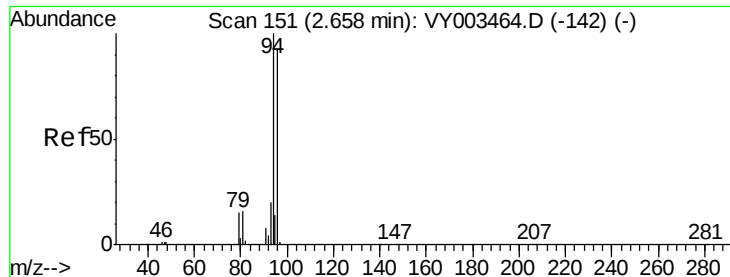
20000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 41.503 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 88057

Ion Ratio Lower Upper

94 100

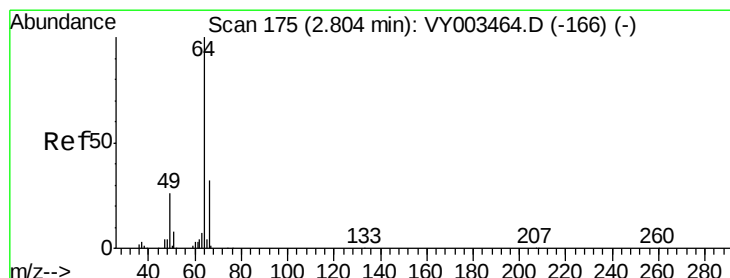
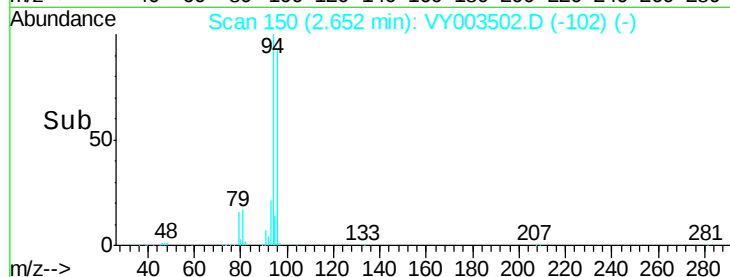
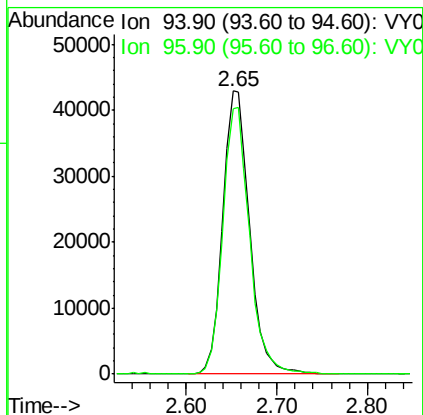
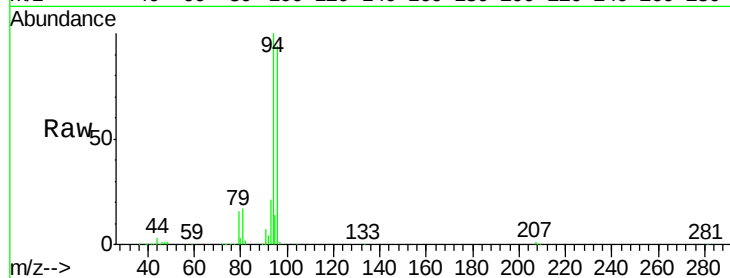
96 93.4 74.6 112.0

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#6

Chloroethane

Concen: 48.349 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003502.D

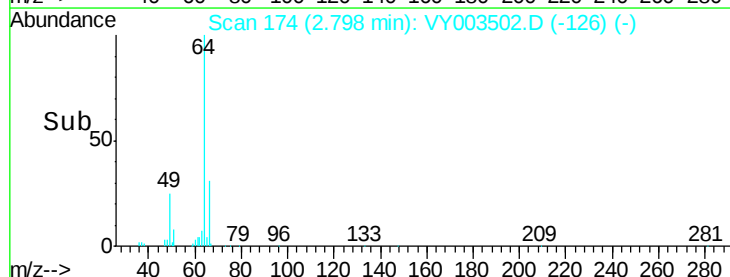
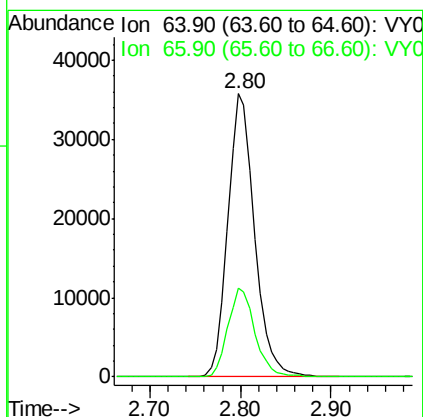
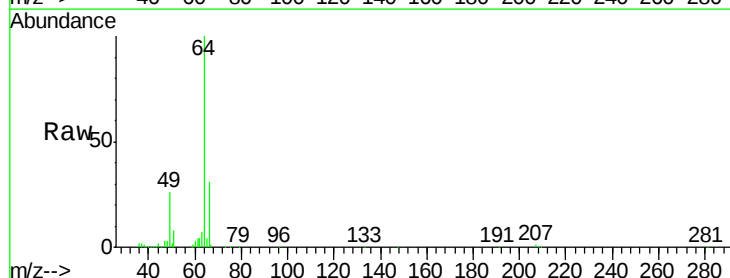
Acq: 03 Nov 2020 18:56

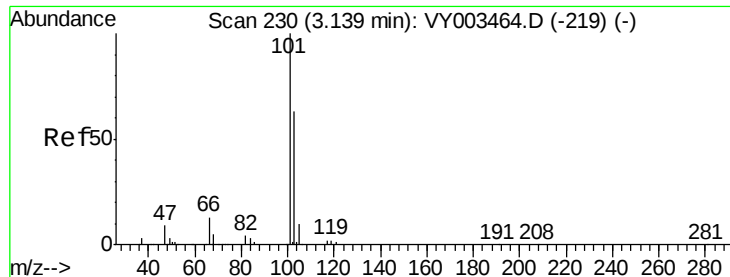
Tgt Ion: 64 Resp: 73179

Ion Ratio Lower Upper

64 100

66 31.2 25.6 38.4





#7

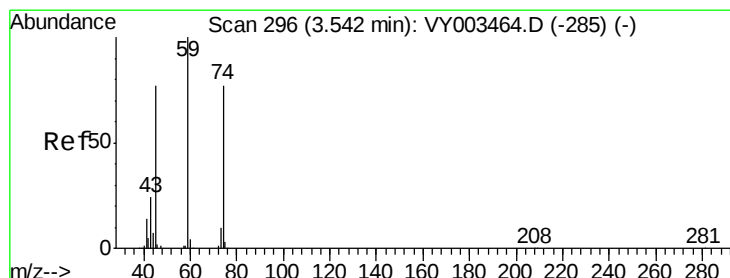
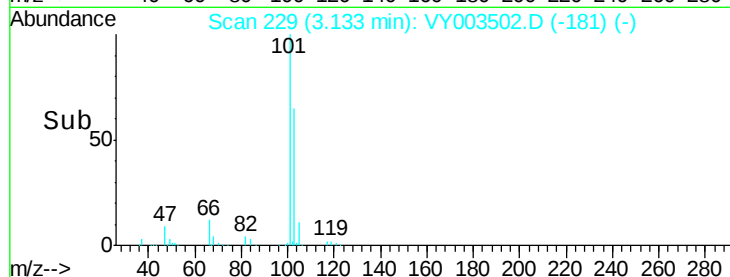
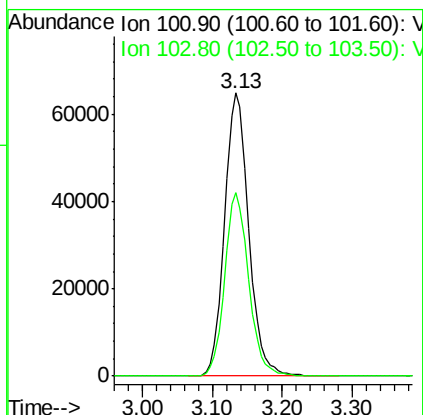
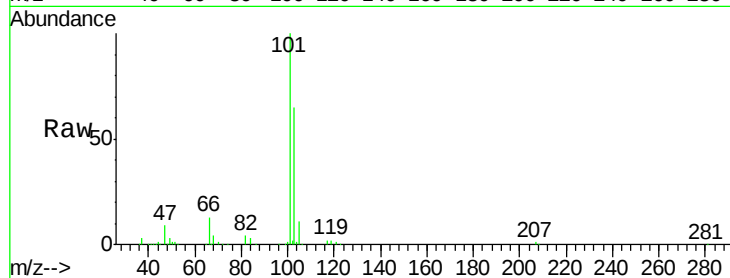
Trichlorofluoromethane
Concen: 48.169 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003502.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.7	76.1

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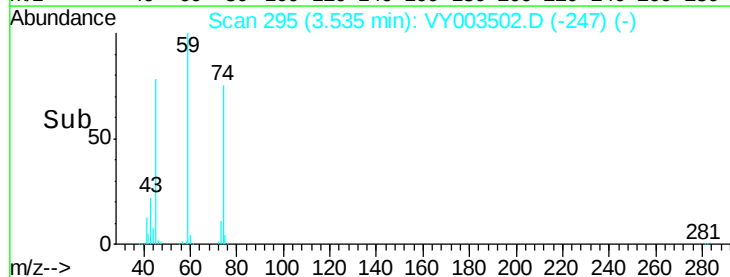
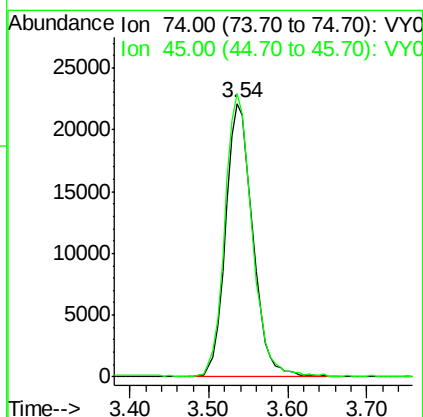
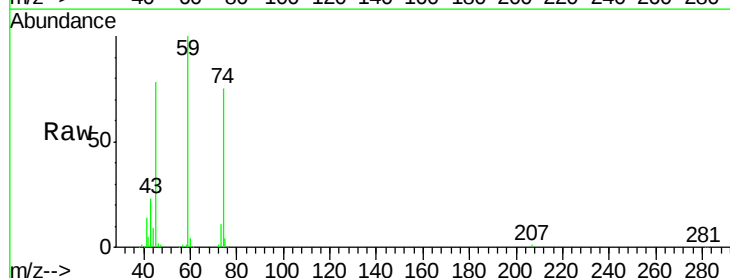
MMDadoda
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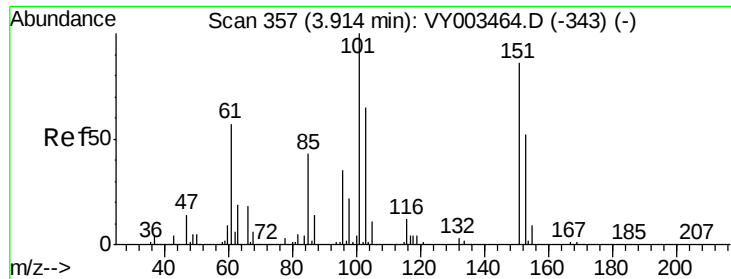


#8

Diethyl Ether
Concen: 53.486 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003502.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.6	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.554 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003502.D

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Instrument :

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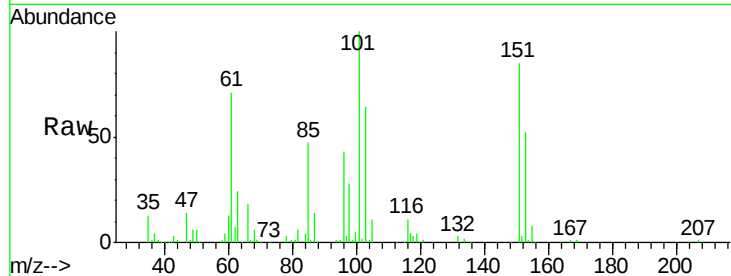
ClientSampleId :

VSTDCCC050EC

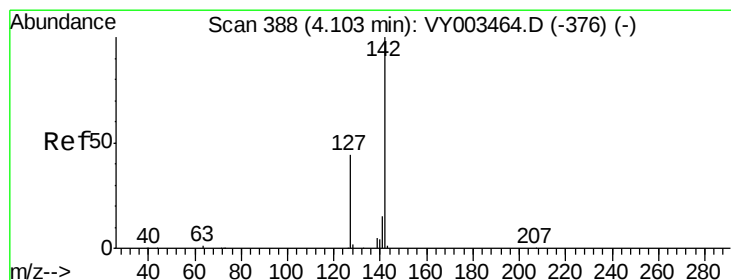
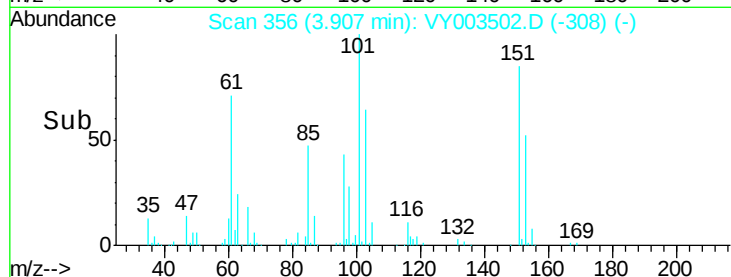
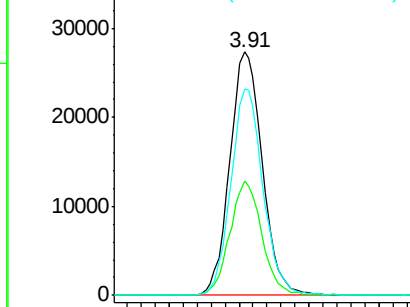
Tot Ion:	101	Resp:	88282
Ion Ratio	Lower	Upper	
101	100		
85	46.1	35.8	53.8
151	83.6	67.6	101.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.094 ug/l

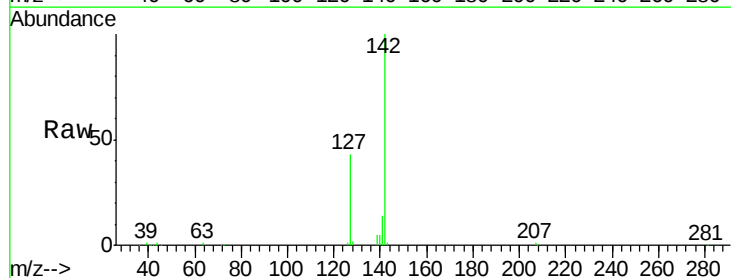
RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

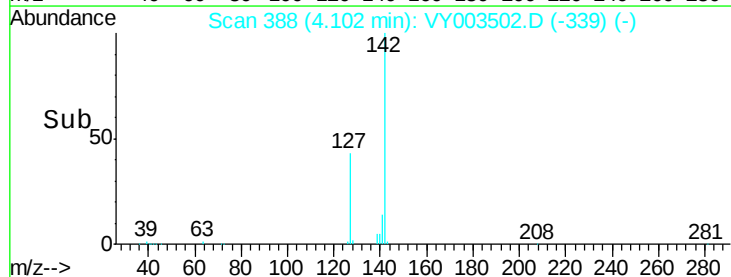
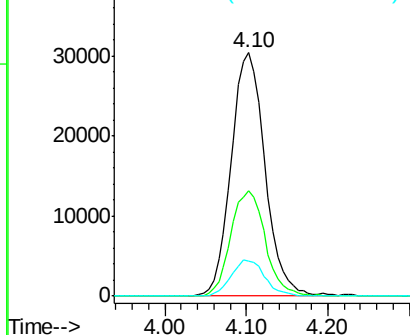
Lab File: VY003502.D

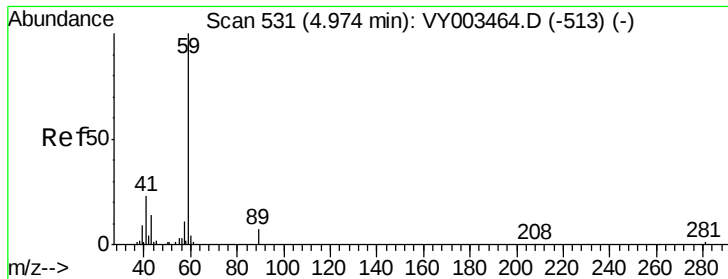
Acq: 03 Nov 2020 18:56

Tgt Ion:	142	Resp:	87589
Ion Ratio	Lower	Upper	
142	100		
127	44.4	34.5	51.7
141	14.7	11.8	17.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

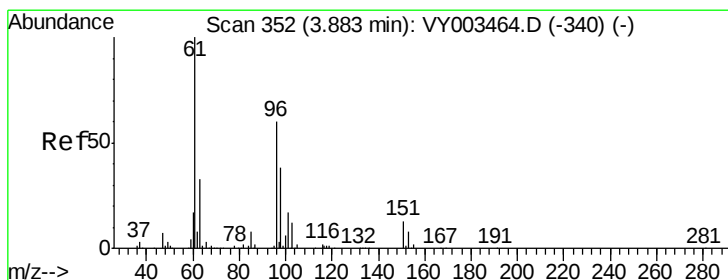
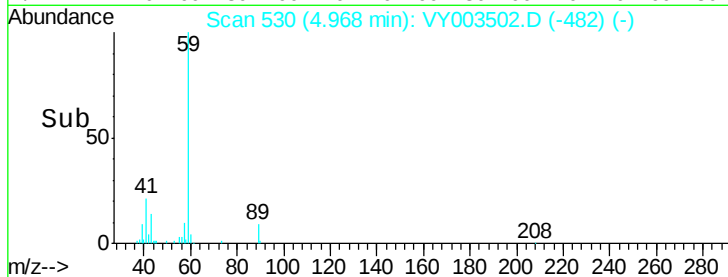
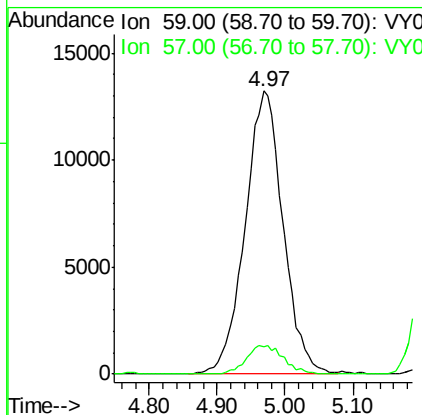
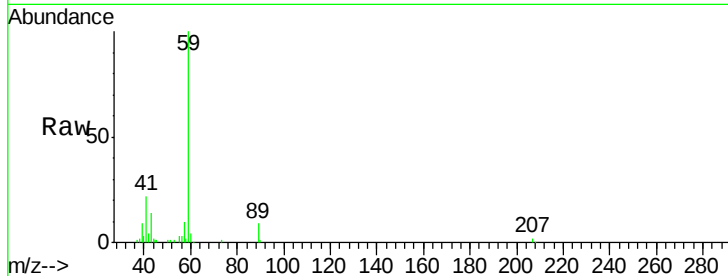
Tert butyl alcohol
 Concen: 231.136 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.9	11.9

Manual Integrations
 APPROVED

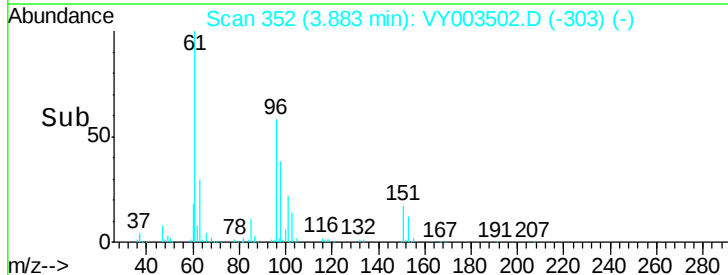
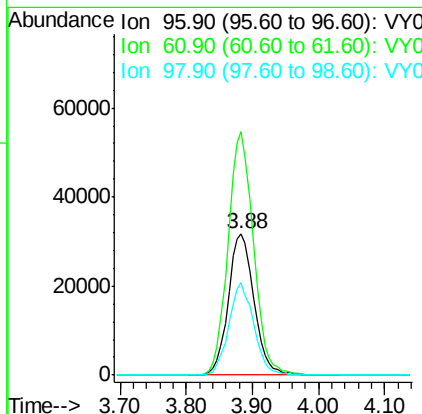
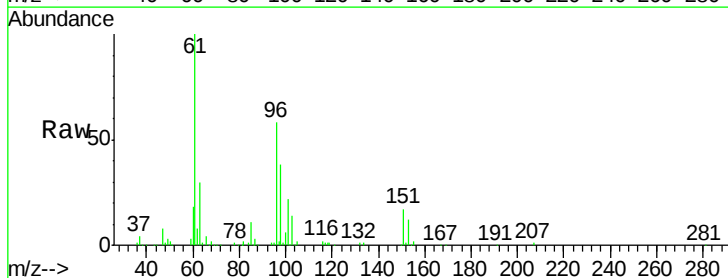
MMDadoda
 11/4/2020 11:57:49 AM

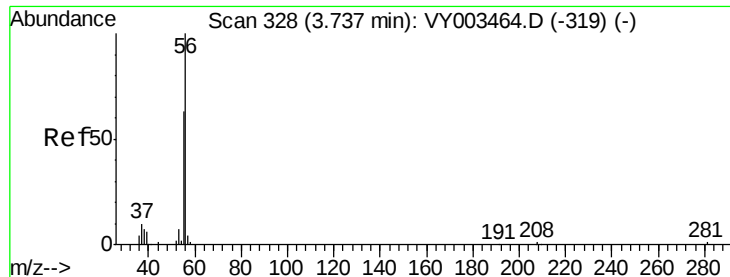


#12

1,1-Dichloroethene
 Concen: 48.372 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.8	133.6	200.4
98	65.4	50.2	75.2





#13

Acrolein

Concen: 220.358 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 40719

Ion Ratio Lower Upper

56 100

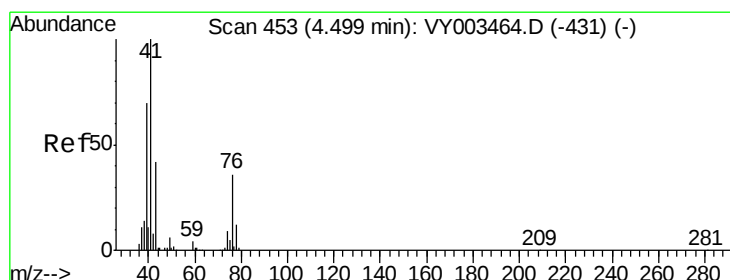
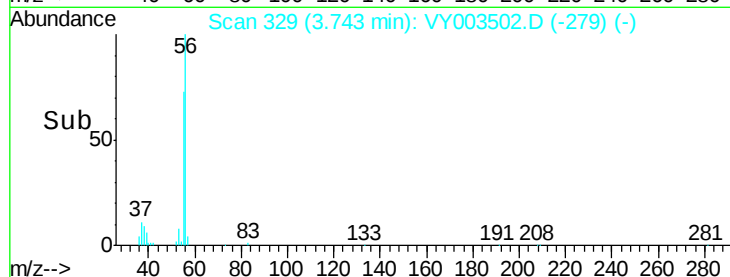
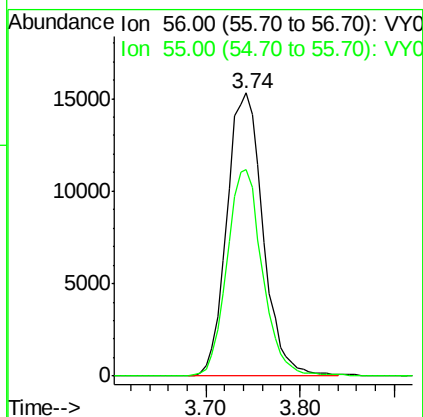
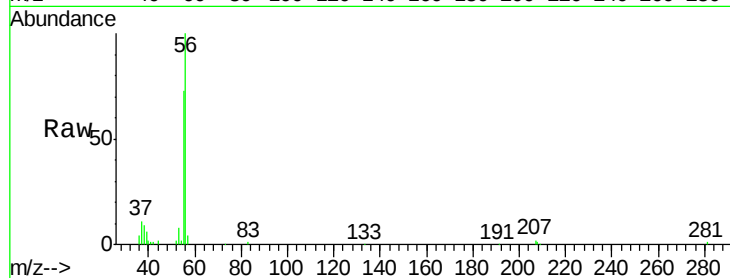
55 71.9 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 49.378 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

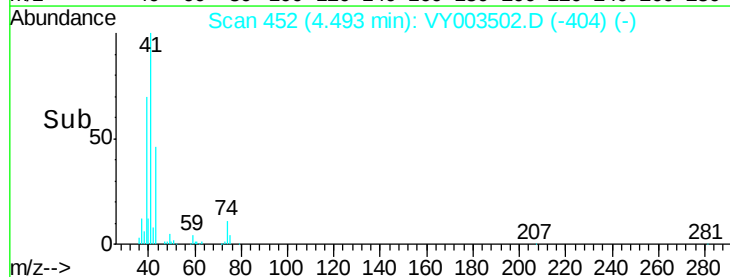
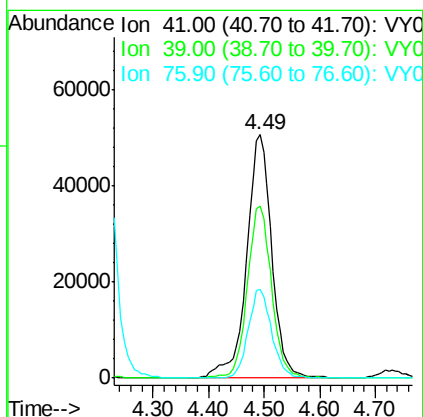
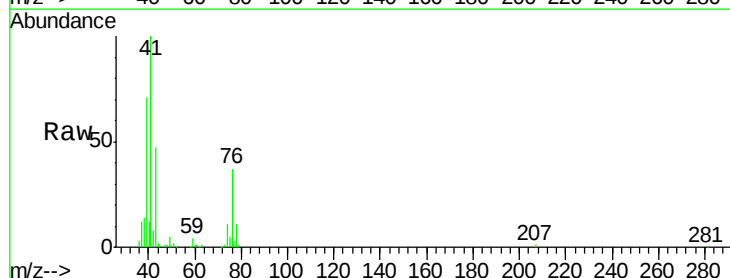
Tgt Ion: 41 Resp: 159683

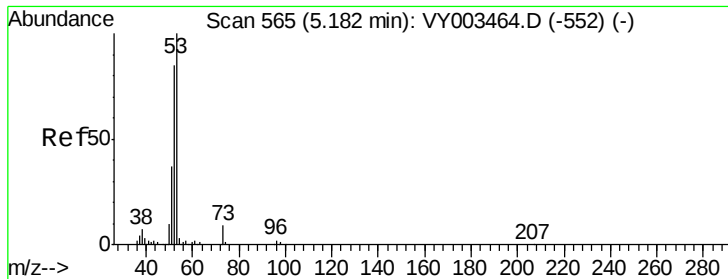
Ion Ratio Lower Upper

41 100

39 67.8 54.4 81.6

76 34.0 27.6 41.4





#15

Acrylonitrile

Concen: 240.973 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

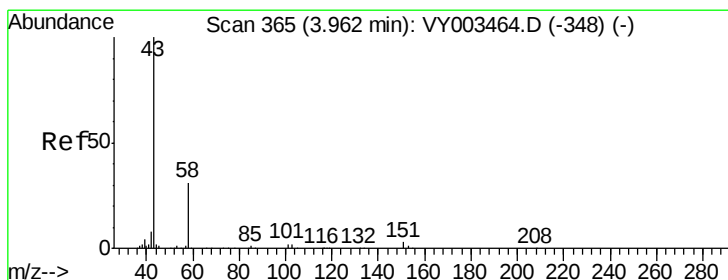
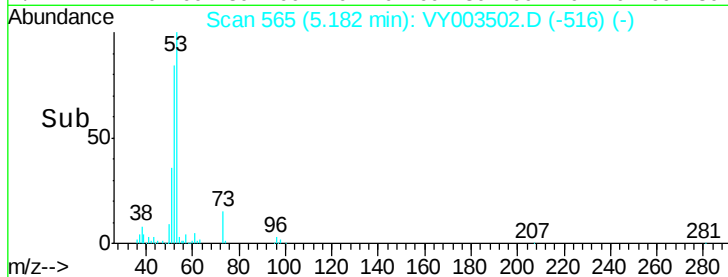
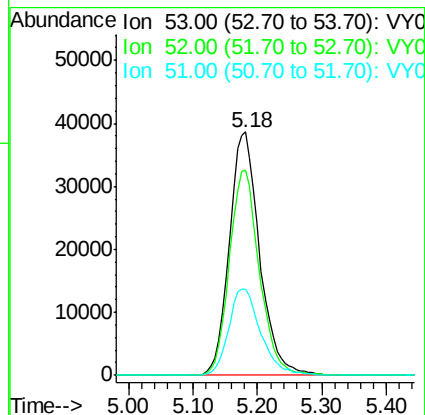
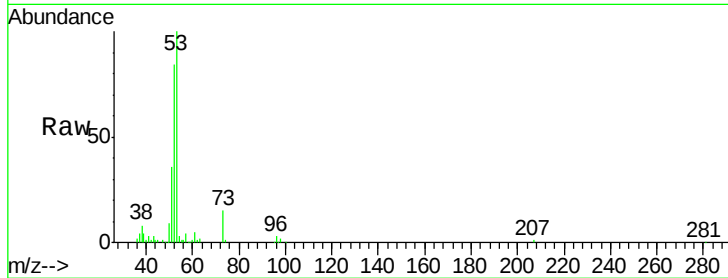
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	127145
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.9	100.3
51	37.8	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 200.998 ug/l

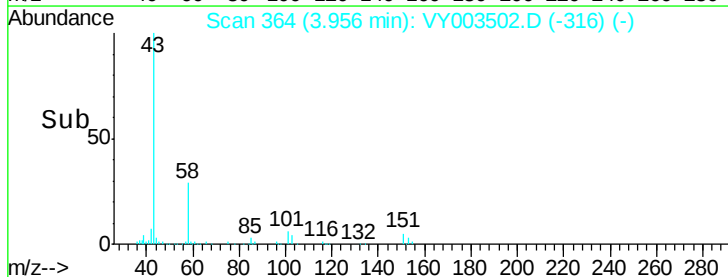
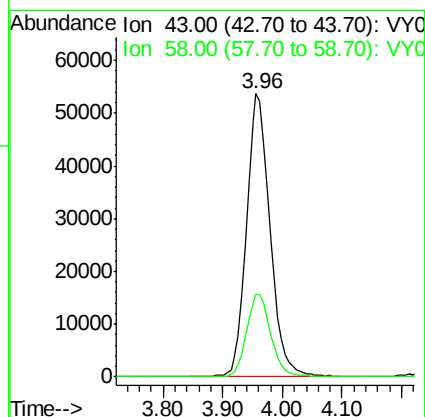
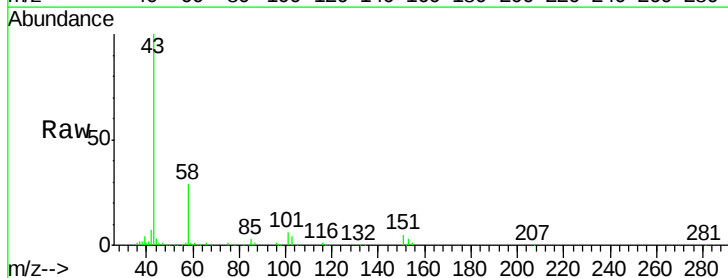
RT: 3.96 min Scan# 364

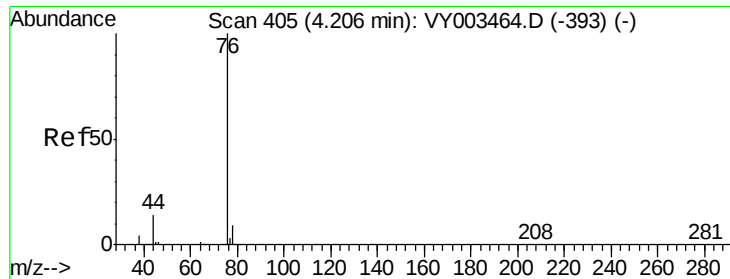
Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Tgt Ion:	43	Resp:	147638
Ion Ratio	Lower	Upper	
43	100		
58	29.0	25.0	37.4





#17

Carbon Disulfide

Concen: 47.555 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 273079

Ion Ratio Lower Upper

76 100

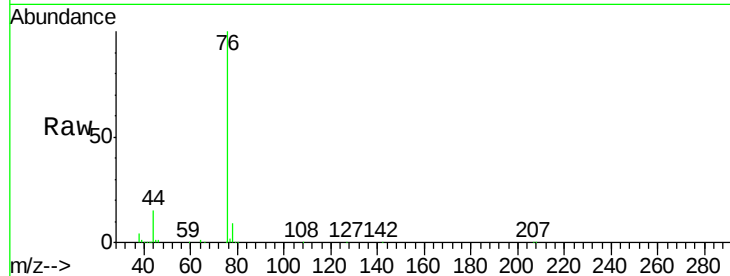
78 9.0 7.4 11.2

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

4.20

100000

80000

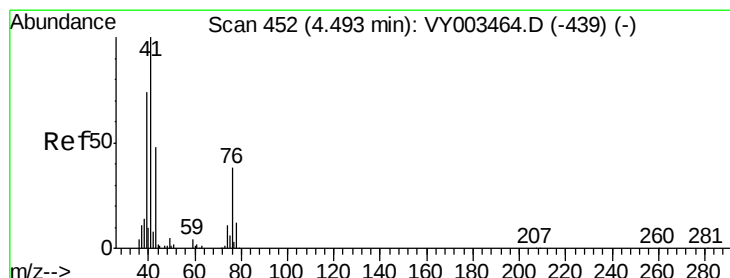
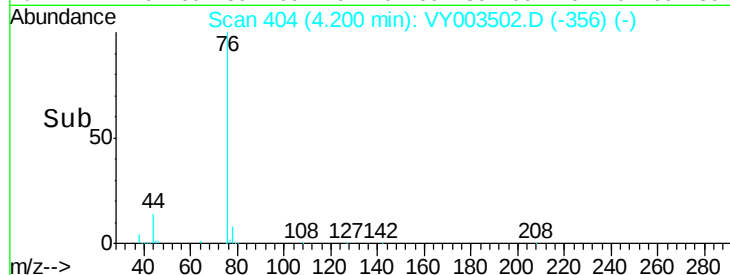
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 50.379 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.00 min

Lab File: VY003502.D

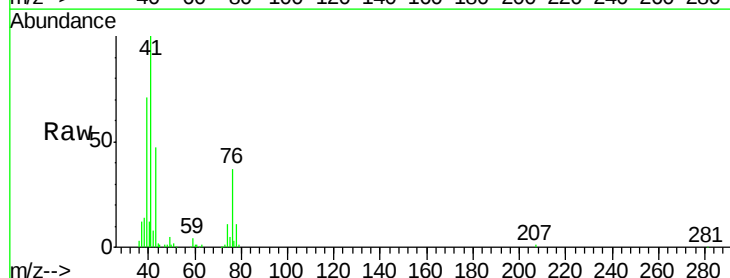
Acq: 03 Nov 2020 18:56

Tgt Ion: 43 Resp: 69930

Ion Ratio Lower Upper

43 100

74 21.9 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

25000

20000

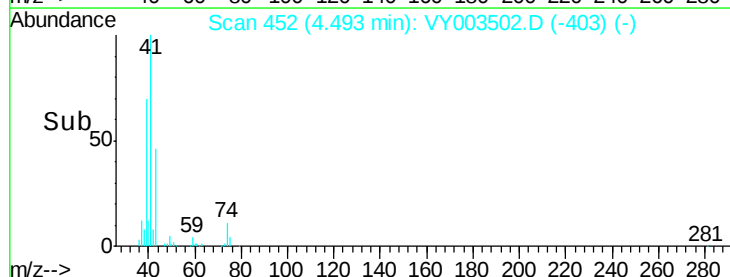
15000

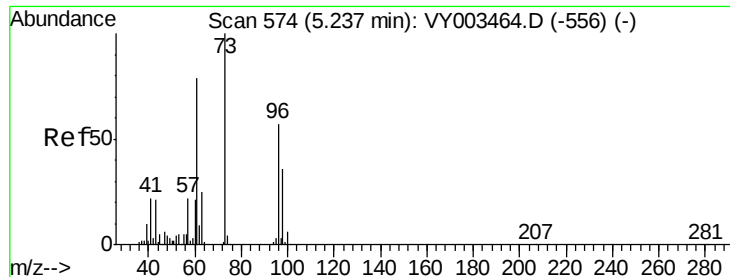
10000

5000

0

Time-->





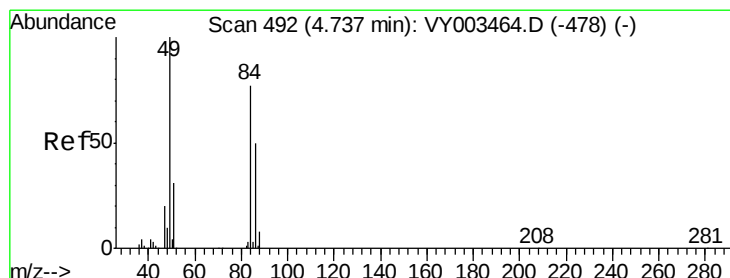
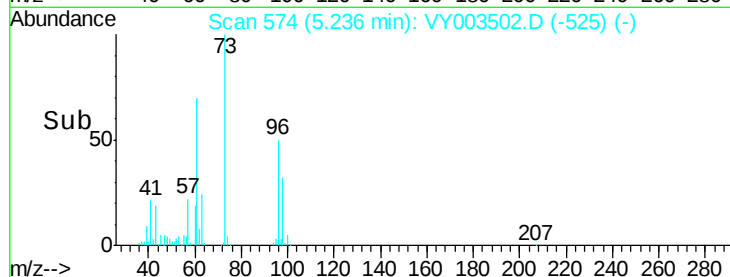
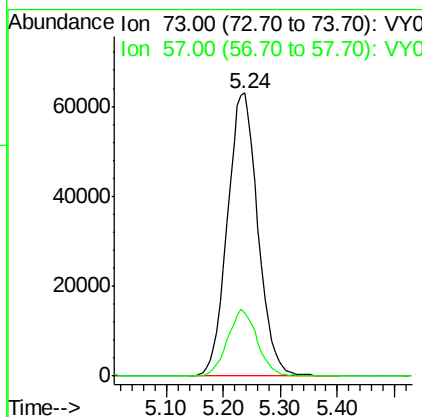
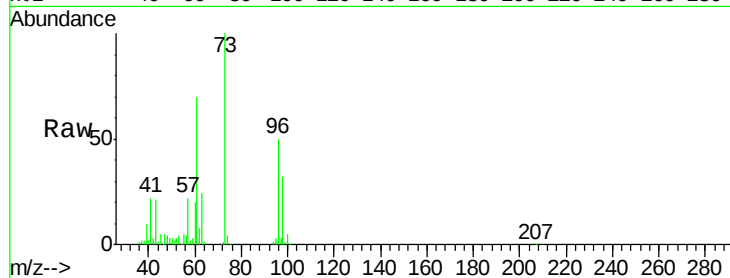
#19
Methvl tert-butvl Ether
Concen: 53.530 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.2	25.8

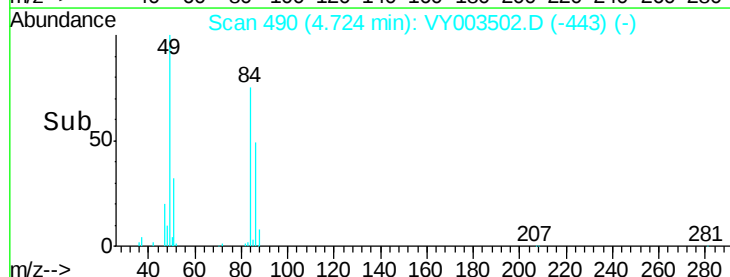
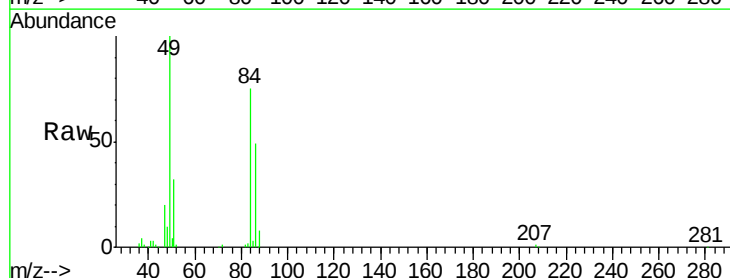
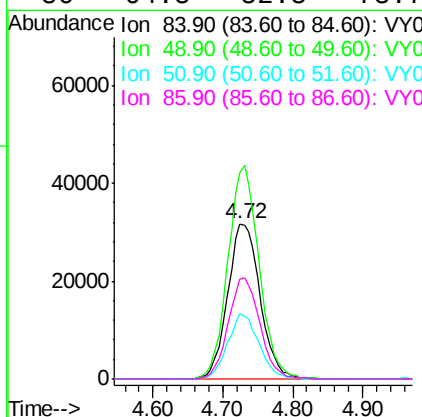
Manual Integrations
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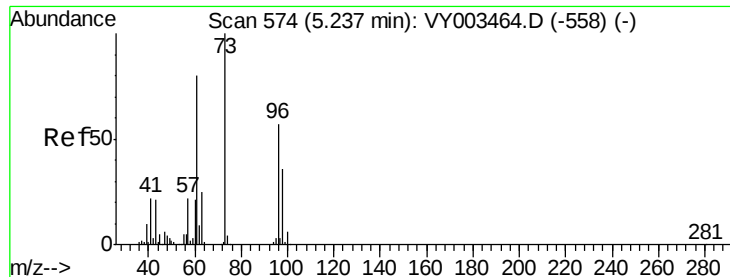
MMDadoda
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#20
Methylene Chloride
Concen: 49.121 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.6	104.3	156.5
51	42.5	32.5	48.7
86	64.5	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 49.254 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

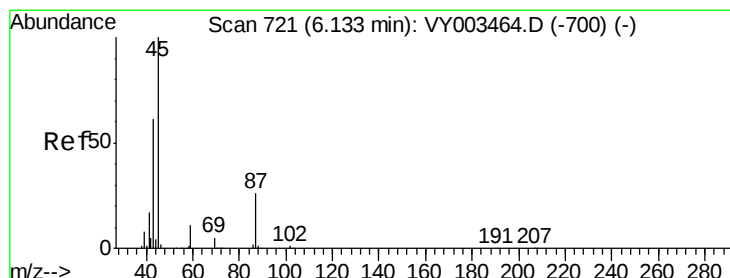
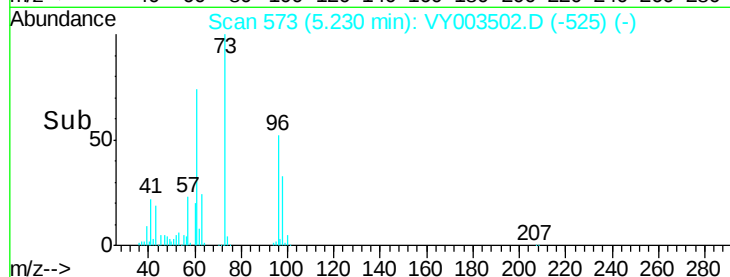
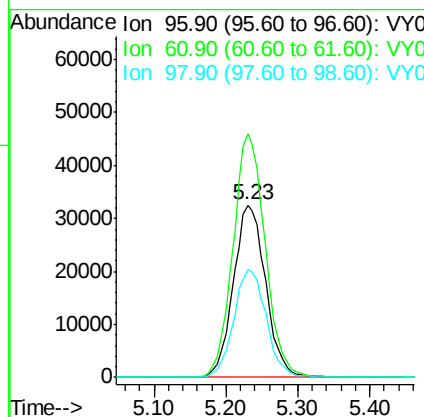
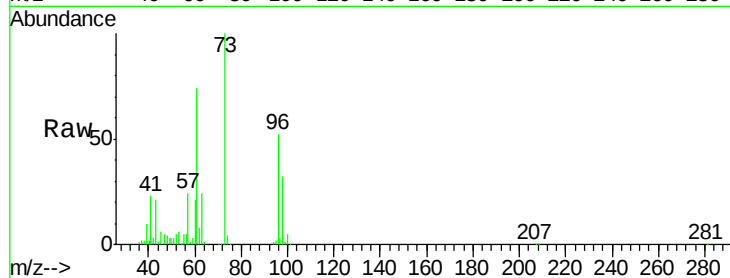
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	101092
Ion Ratio	Lower	Upper	
96	100		
61	141.4	111.3	166.9
98	62.5	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.323 ug/l

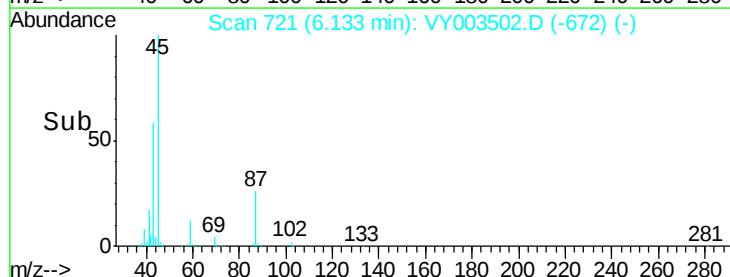
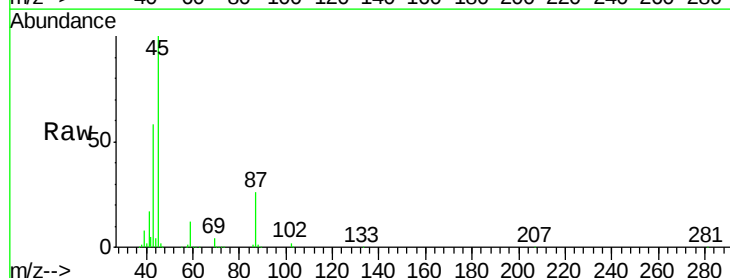
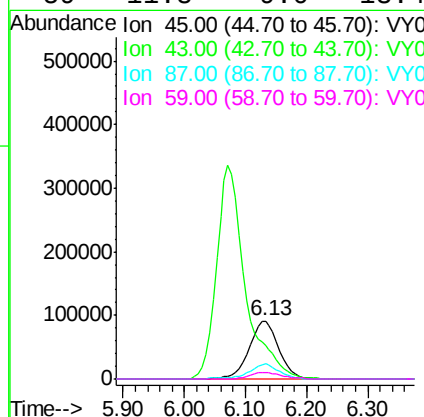
RT: 6.13 min Scan# 721

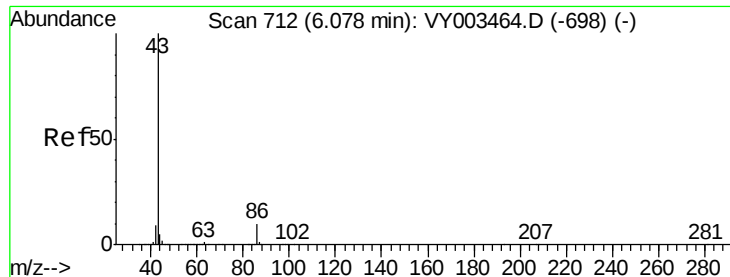
Delta R.T. -0.00 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Tgt Ion:	45	Resp:	308125
Ion Ratio	Lower	Upper	
45	100		
43	57.9	48.8	73.2
87	25.7	20.6	31.0
59	11.8	9.0	13.4





#23

Vinyl Acetate

Concen: 259.149 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1104588

Ion Ratio Lower Upper

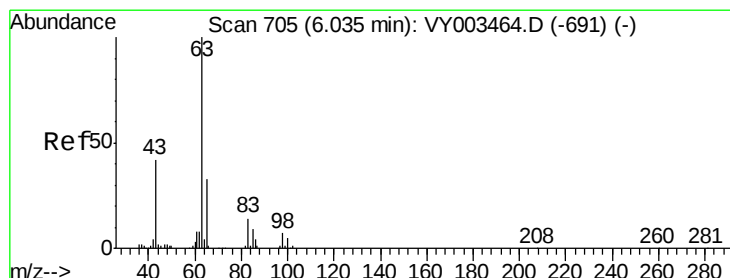
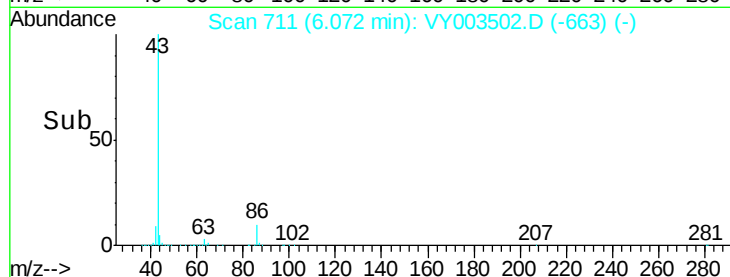
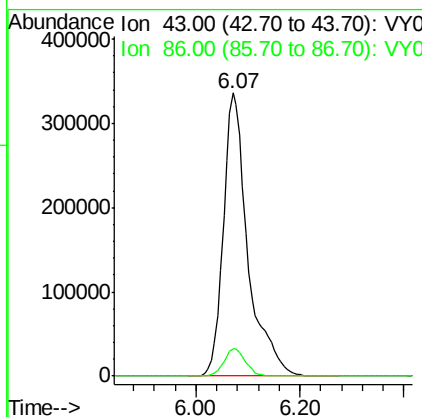
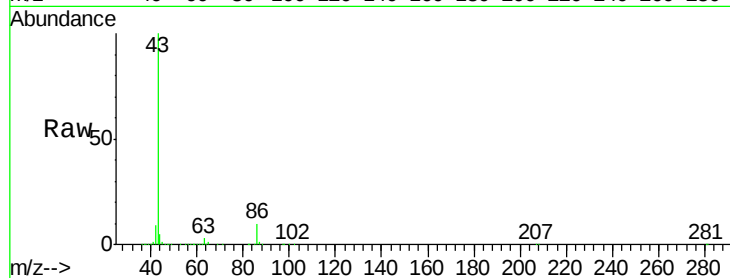
43 100

86 9.7 8.2 12.2

Manual Integrations
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MMDadoda

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#24

1,1-Dichloroethane

Concen: 50.985 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

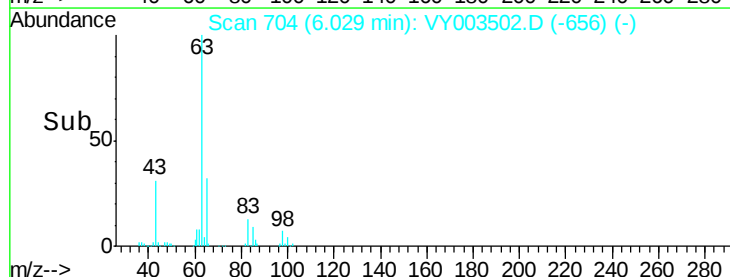
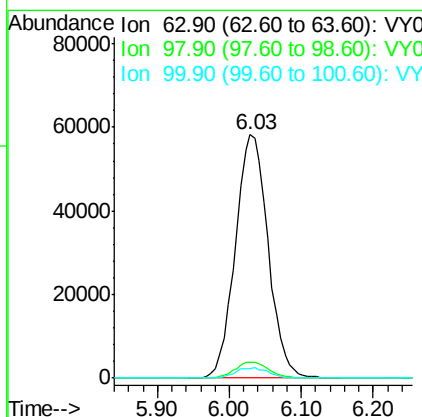
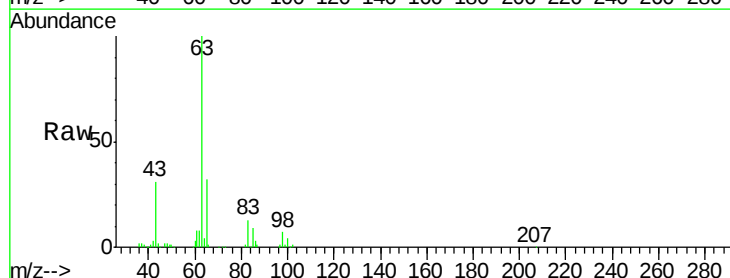
Tgt Ion: 63 Resp: 183771

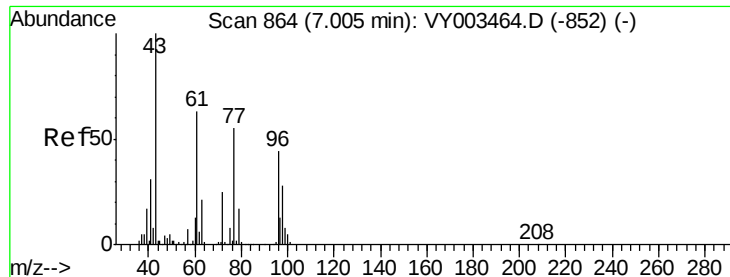
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.0 2.3 6.9





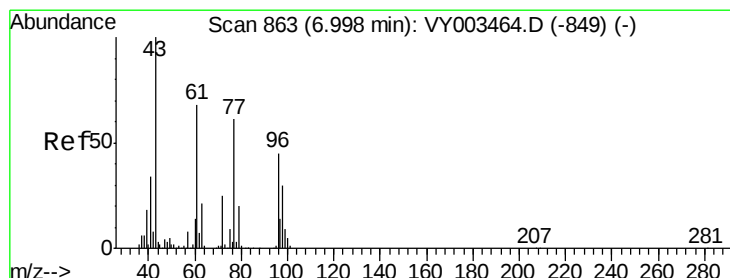
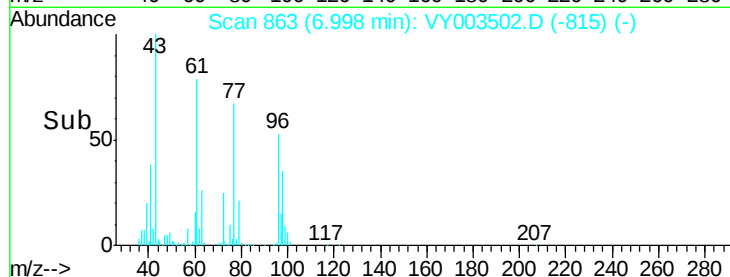
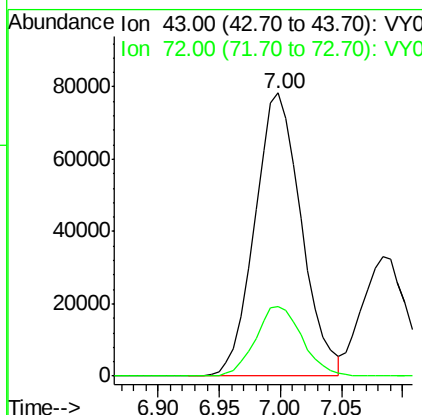
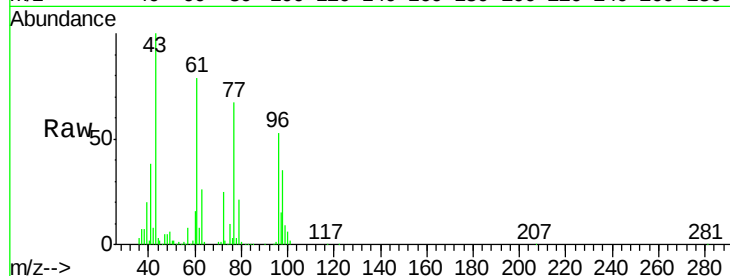
#25
2-Butanone
Concen: 225.631 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 207282
Ion Ratio Lower Upper
43 100
72 24.5 20.1 30.1

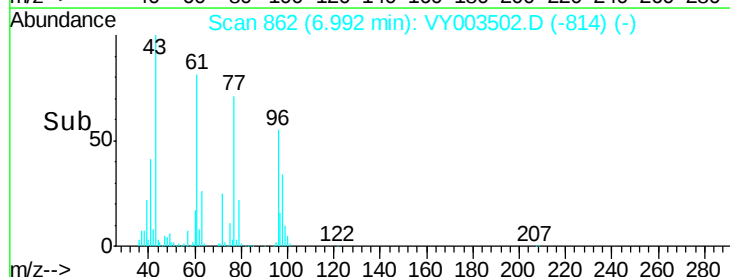
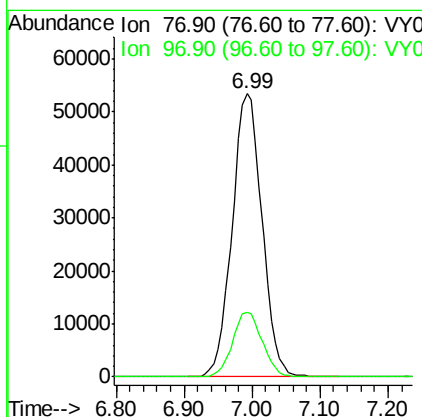
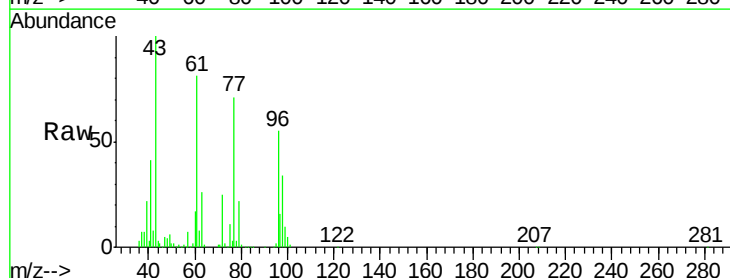
Manual Integrations
APPROVED

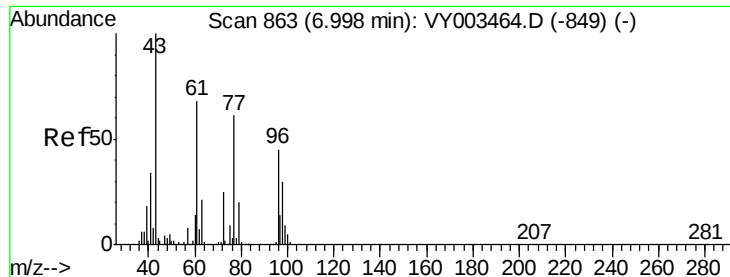
MMDadoda
11/4/2020 11:57:49 AM



#26
2,2-Dichloropropane
Concen: 48.418 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion: 77 Resp: 162586
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27

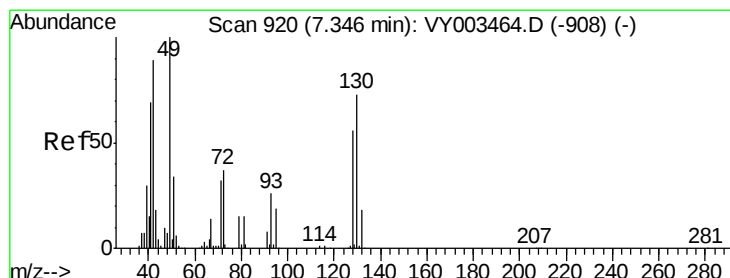
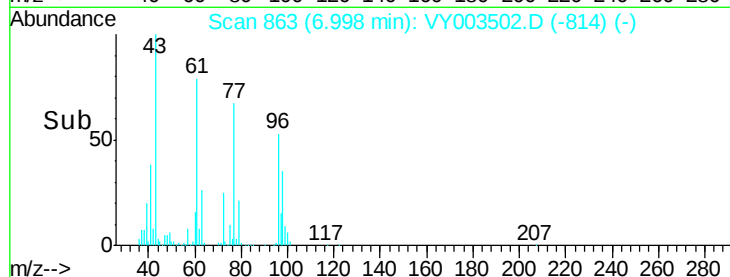
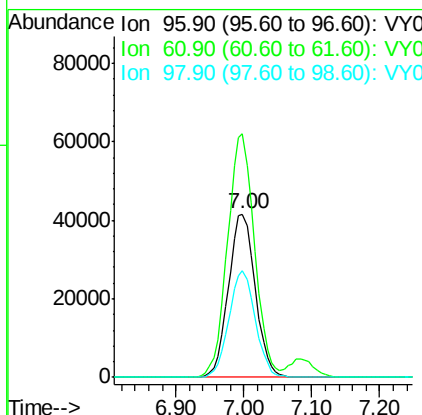
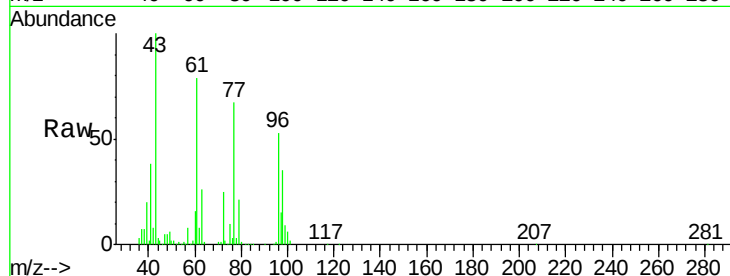
cis-1,2-Dichloroethene
Concen: 51.264 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.6	0.0	299.2	
98	64.4	0.0	128.6	

Manual Integrations
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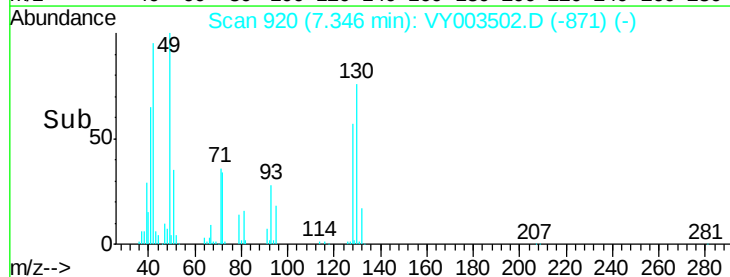
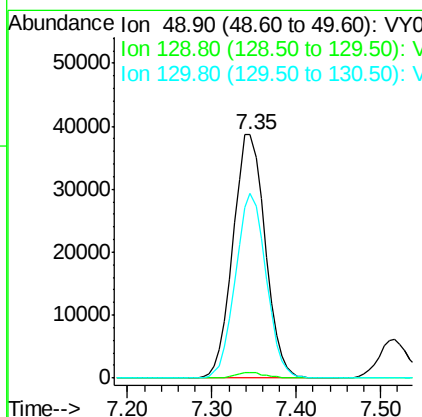
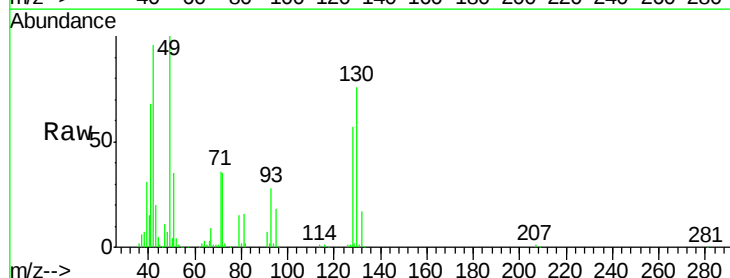
MMDadoda
11/4/2020 11:57:49 AM

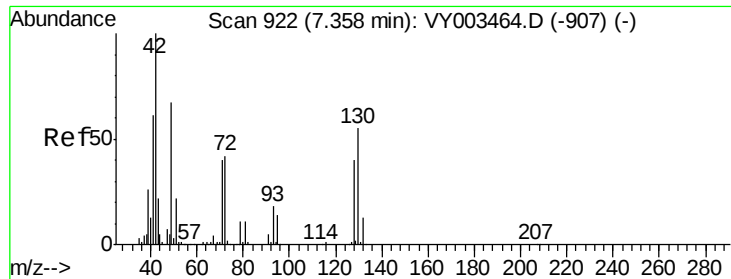


#28

Bromochloromethane
Concen: 55.295 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.2	
130	72.2	60.0	90.0	





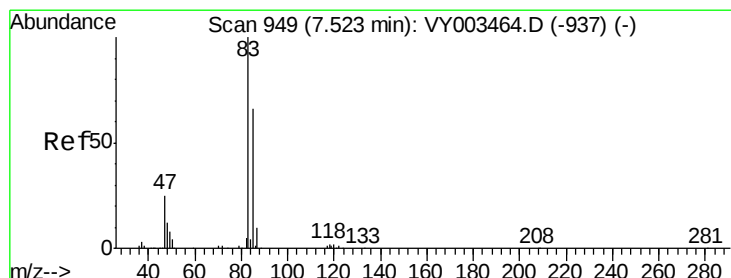
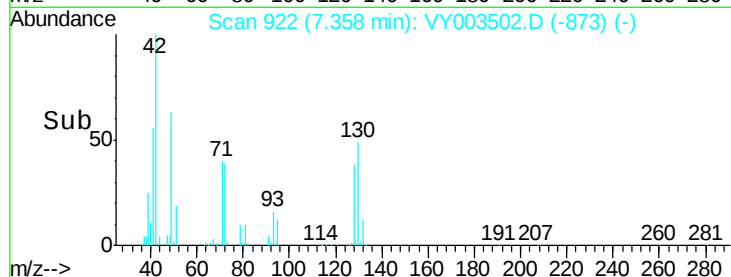
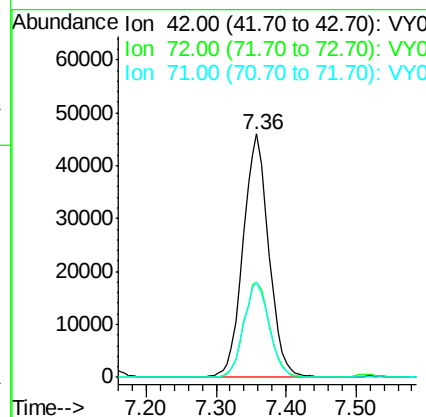
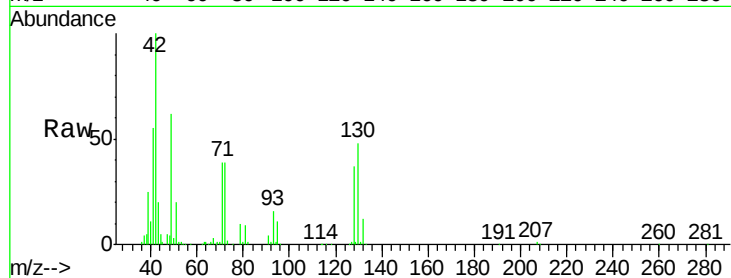
#29
Tetrahydrofuran
Concen: 244.417 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	32.8	49.2
71	38.6	30.7	46.1

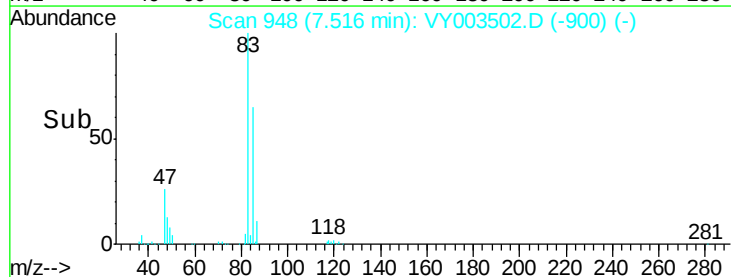
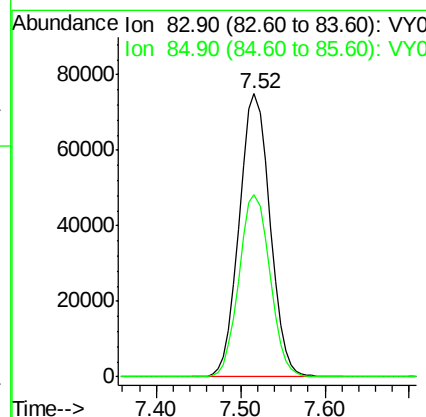
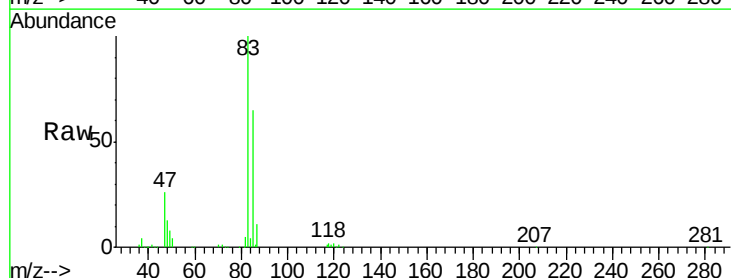
Manual Integrations
APPROVED

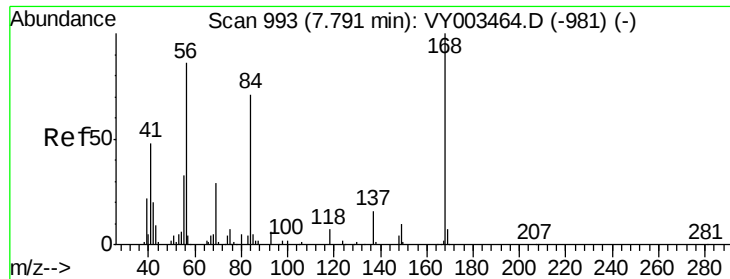
MMDadoda
11/4/2020 11:57:49 AM



#30
Chloroform
Concen: 52.333 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.6	79.0





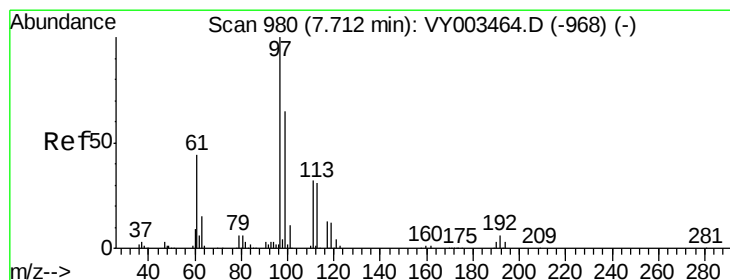
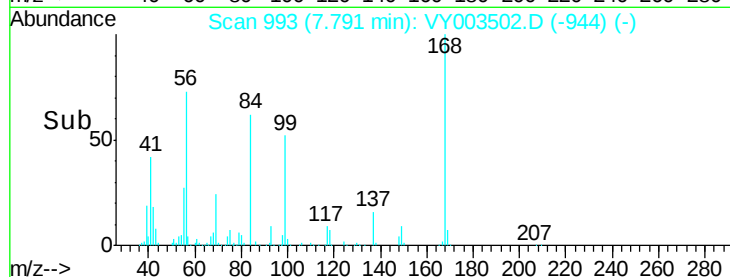
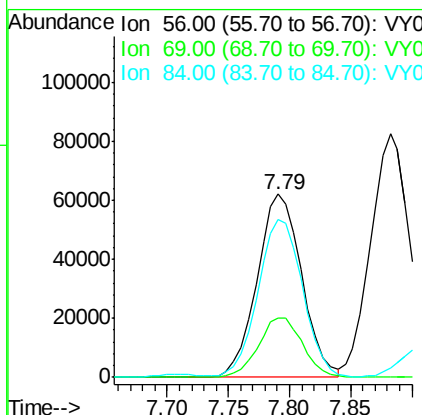
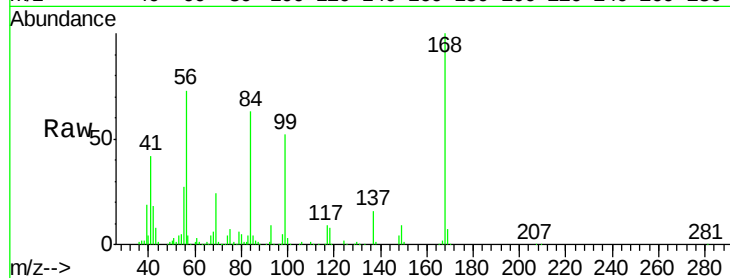
#31
Cyclohexane
Concen: 47.111 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	26.6	39.8
84	84.2	65.9	98.9

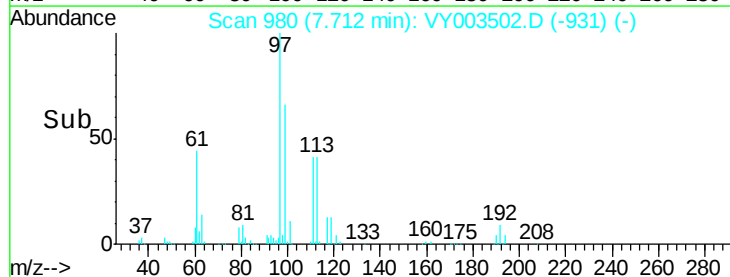
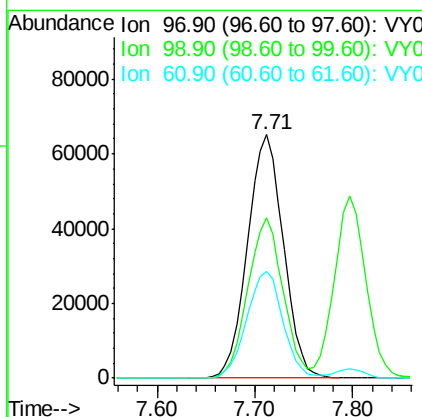
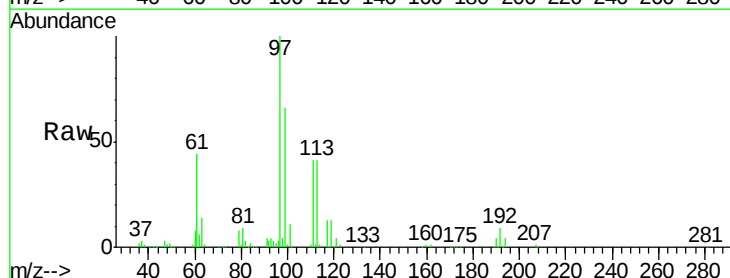
Manual Integrations
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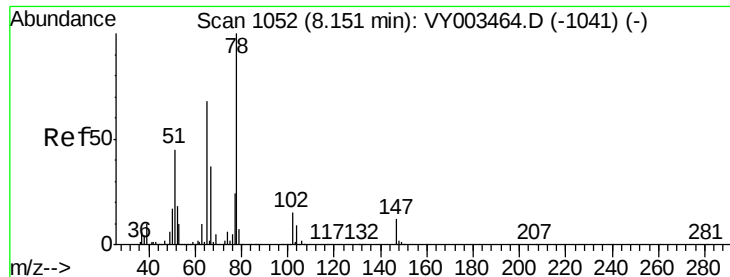
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#32
1,1,1-Trichloroethane
Concen: 50.053 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	44.0	35.1	52.7





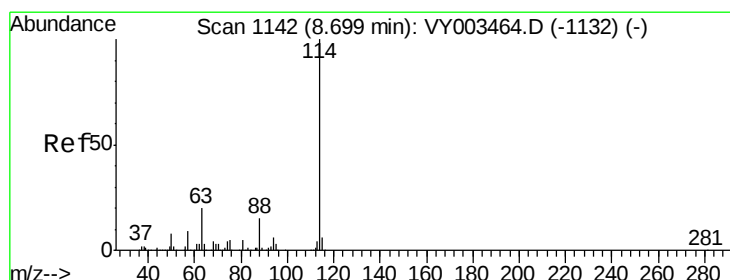
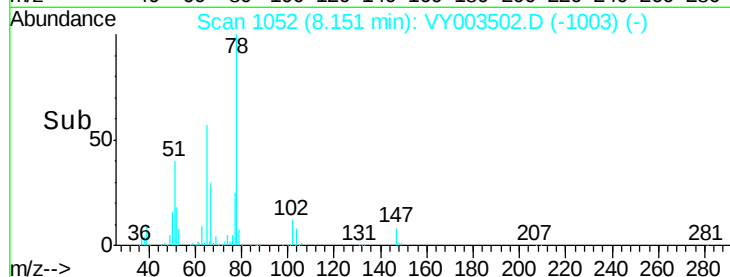
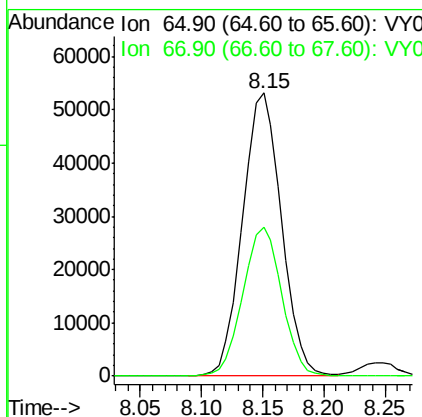
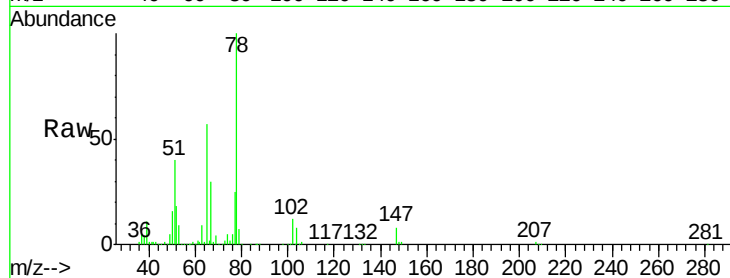
#33
 1,2-Dichloroethane-d4
 Concen: 52.821 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	106.0	

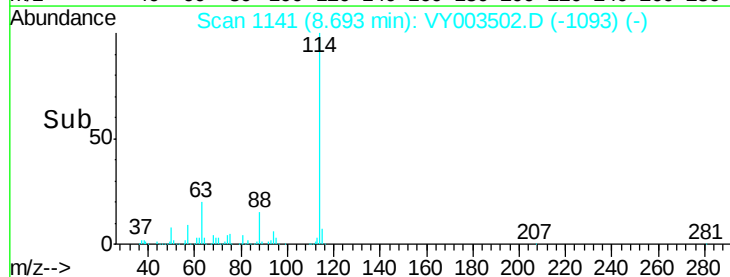
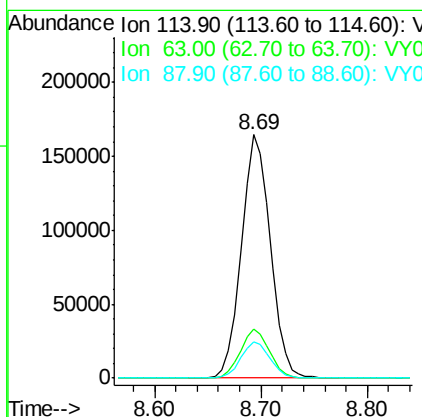
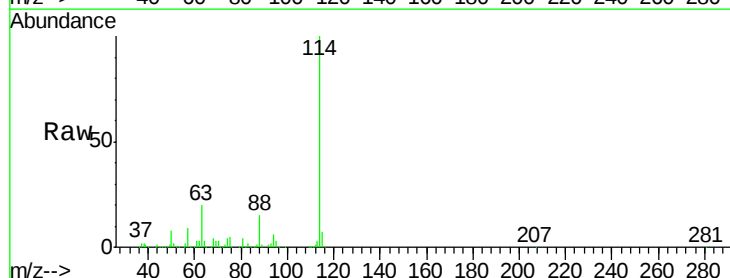
Manual Integrations
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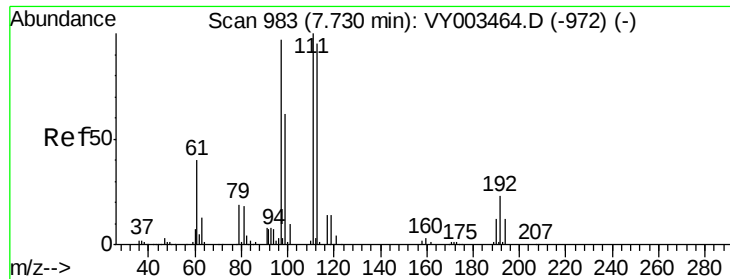
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 11/4/2020 11:57:49 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	40.6	
88	15.0	0.0	29.4	





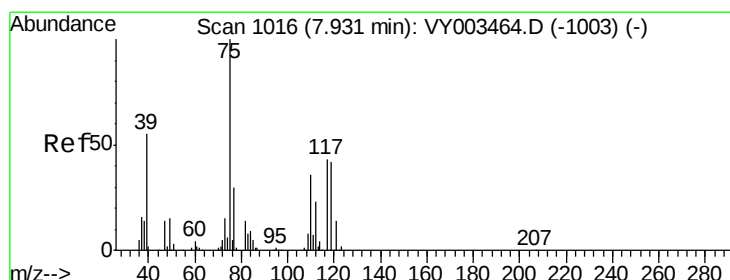
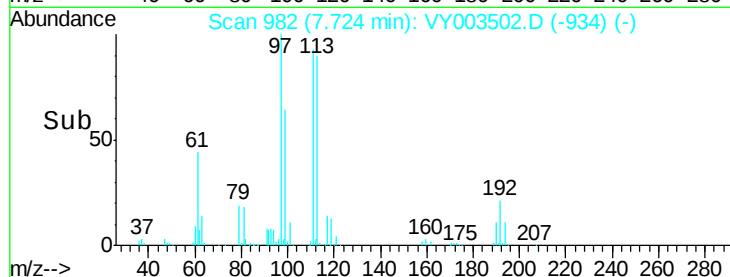
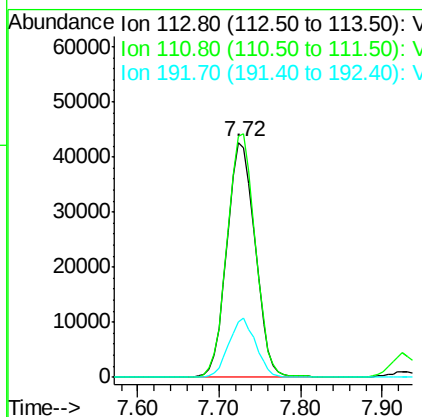
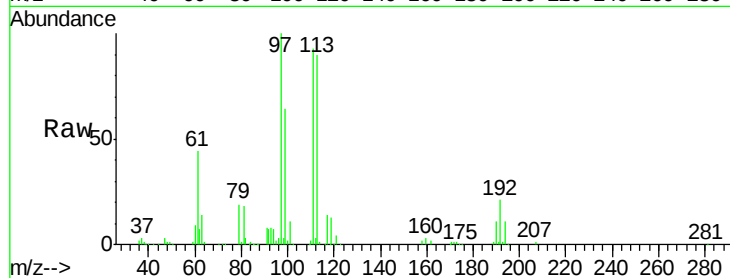
#35
 Dibromofluoromethane
 Concen: 53.417 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102172		
111	102.9	81.8	122.6	
192	24.0	18.8	28.2	

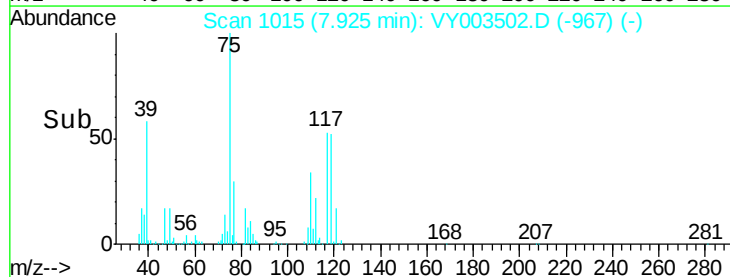
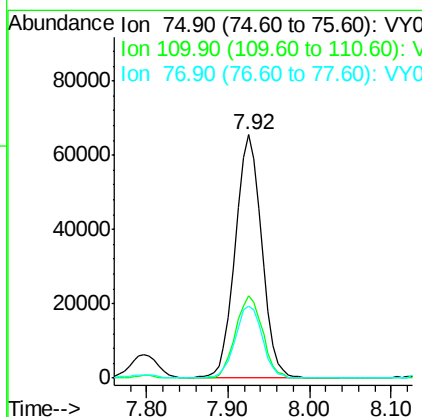
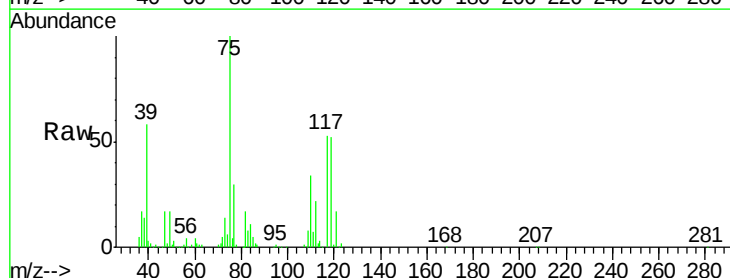
Manual Integrations
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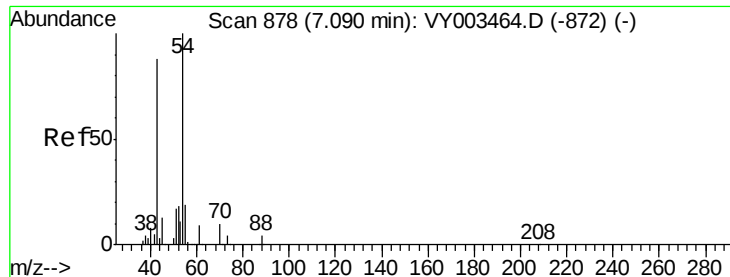
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 11/4/2020 11:57:49 AM



#36
 1,1-Dichloropropene
 Concen: 49.239 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	145922		
110	34.5	17.6	52.9	
77	30.6	24.7	37.1	





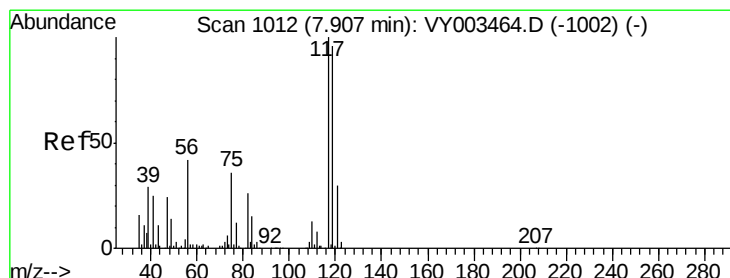
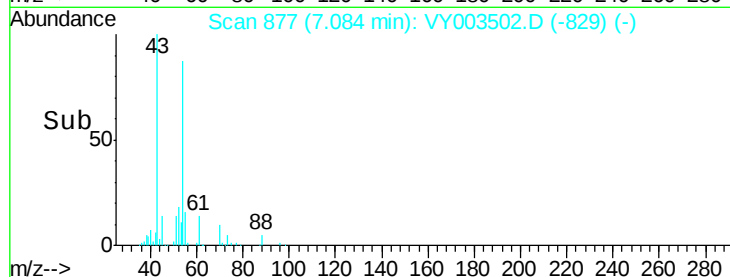
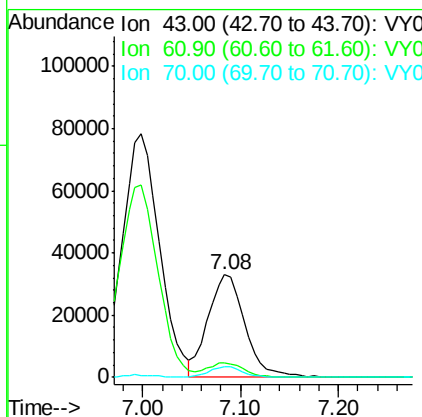
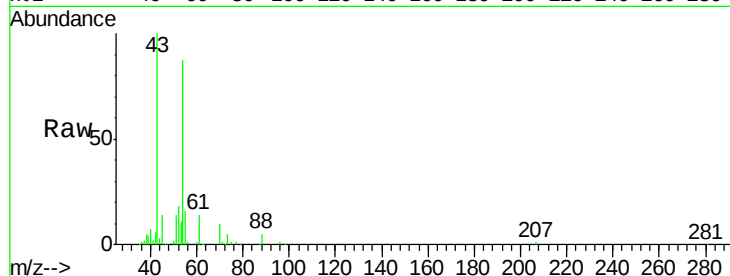
#37
Ethyl Acetate
Concen: 46.883 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	86276
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.0	16.6
70	9.7	7.9	11.9

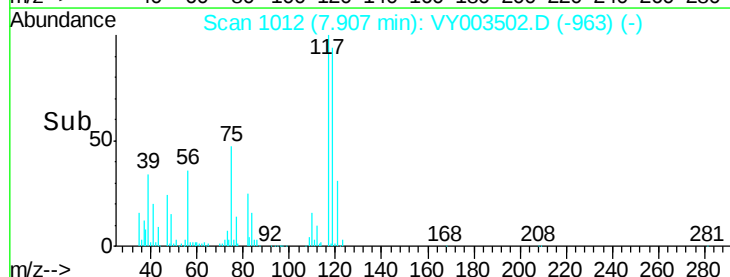
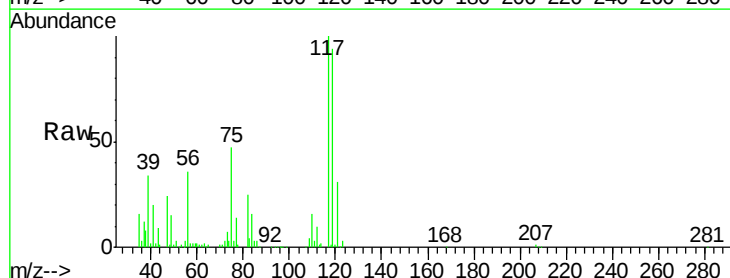
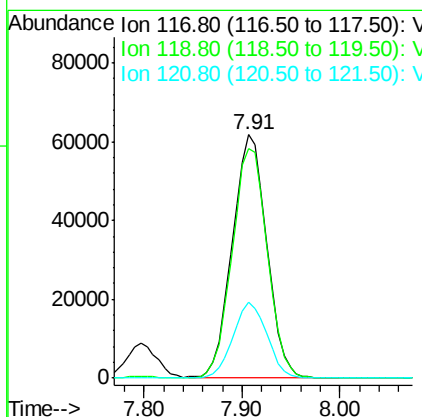
Manual Integrations
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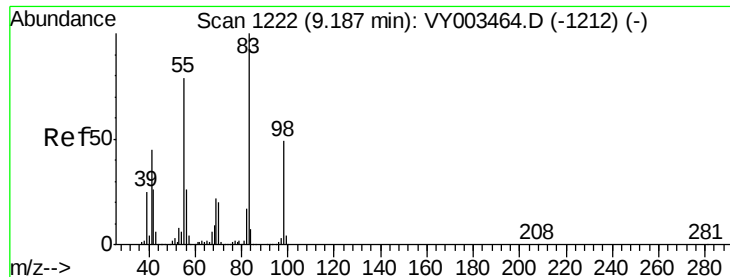
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.088 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	117	Resp	150917
Ion Ratio	Lower	Upper	
117	100		
119	94.1	76.2	114.4
121	31.3	24.2	36.4





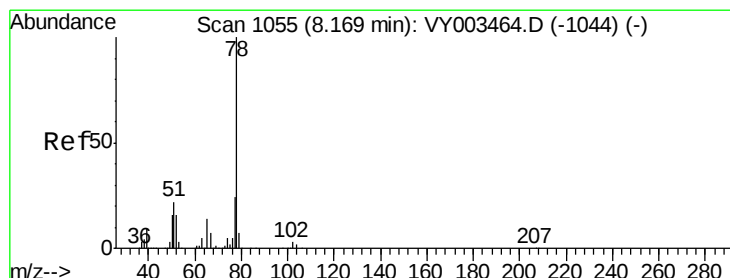
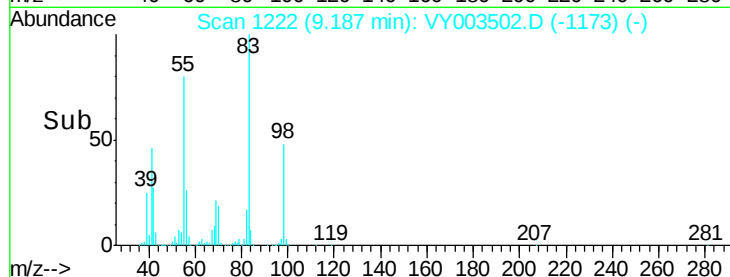
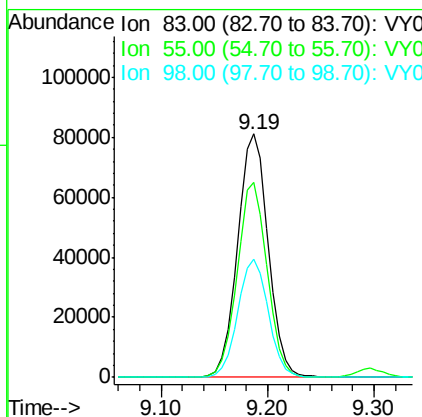
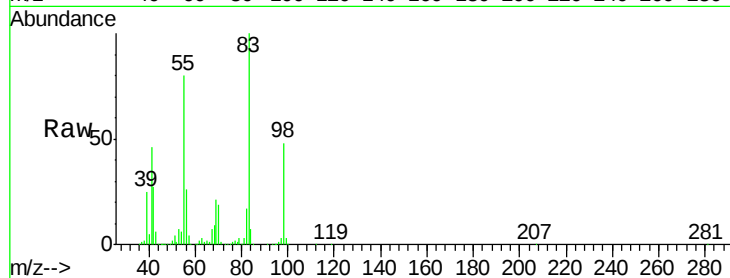
#39
Methvlcvclohexane
Concen: 49.635 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	63.5	95.3
98	48.5	39.4	59.2

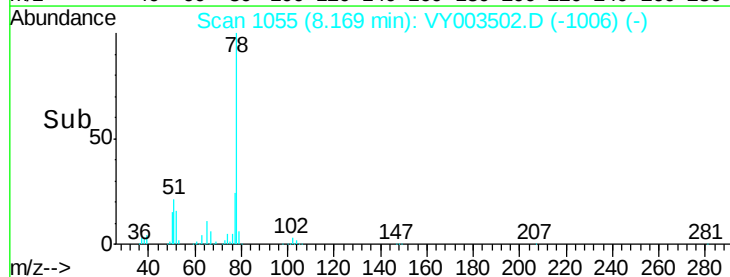
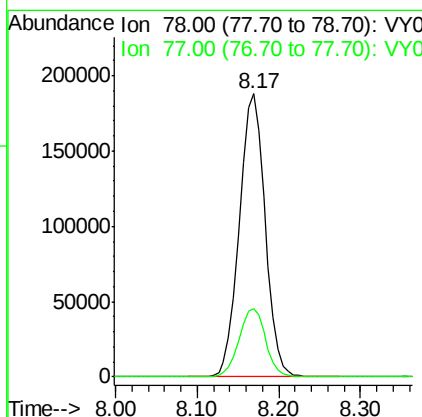
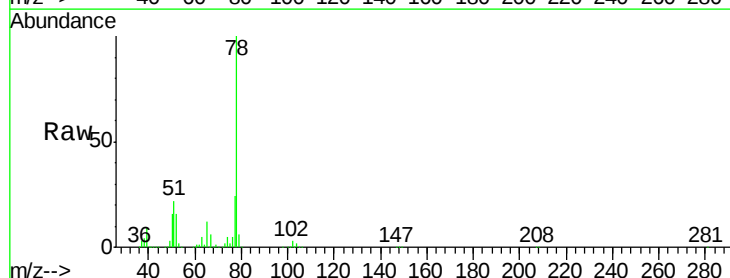
Manual Integrations
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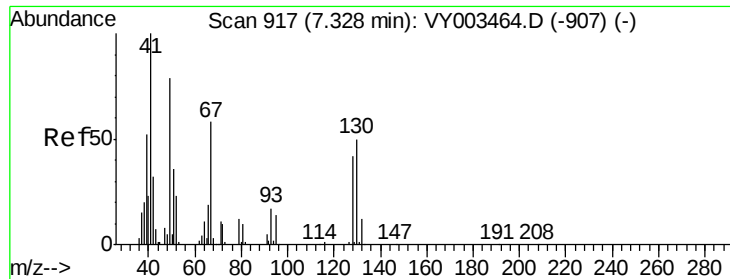
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#40
Benzene
Concen: 49.850 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





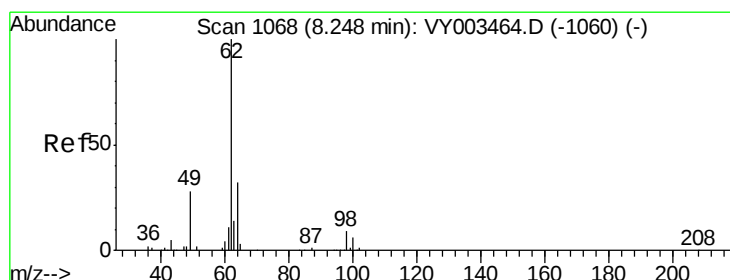
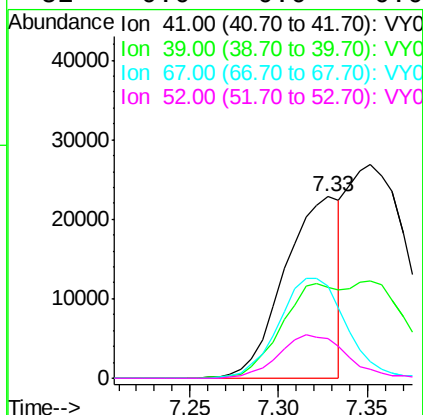
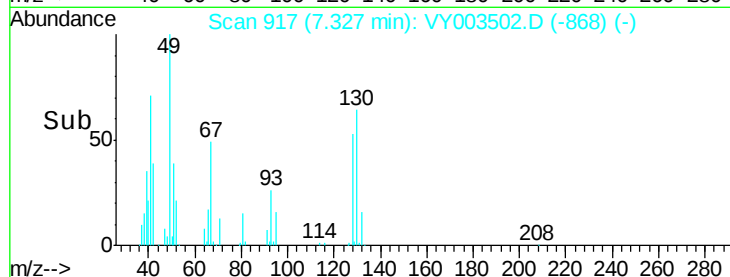
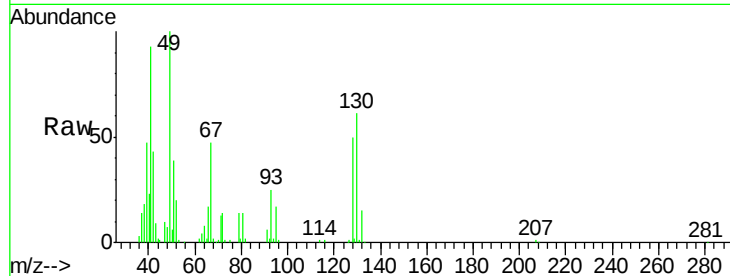
#41
Methacrylonitrile
Concen: 50.686 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

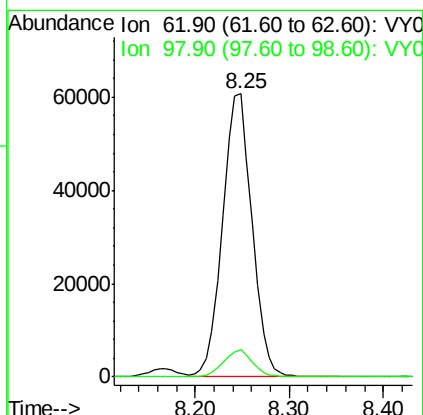
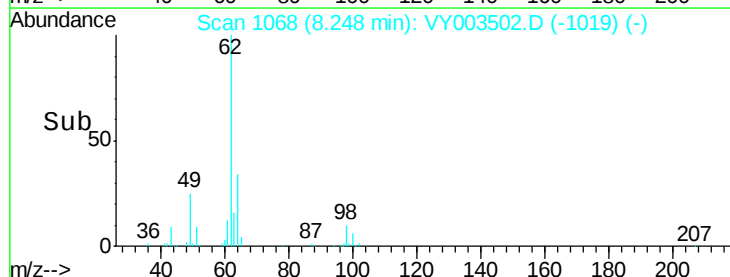
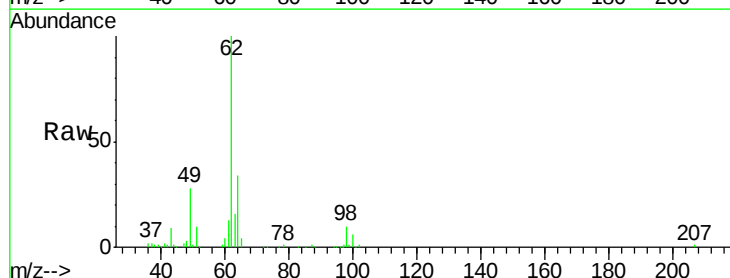
Manual Integrations
APPROVED

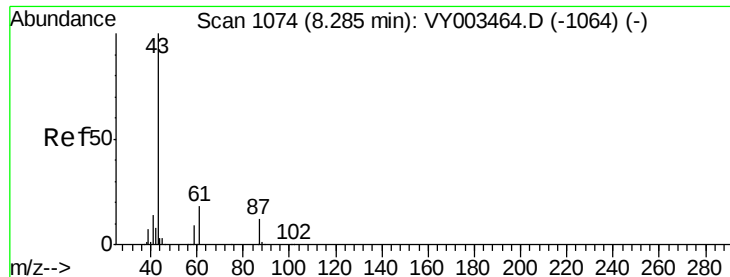
MMDadoda
11/4/2020 11:57:49 AM



#42
1,2-Dichloroethane
Concen: 51.056 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 50.096 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

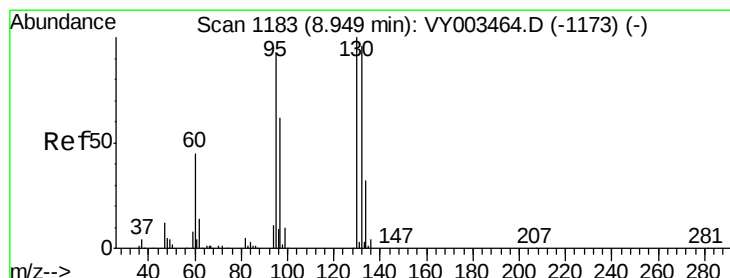
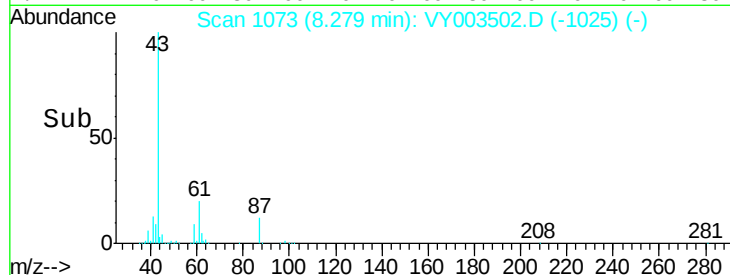
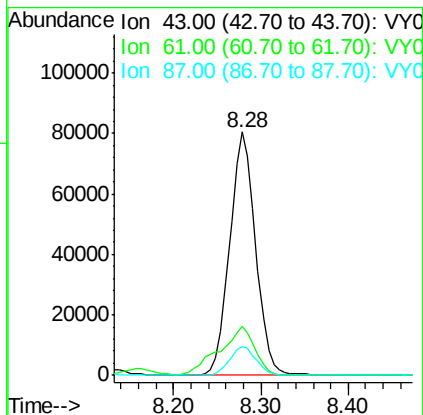
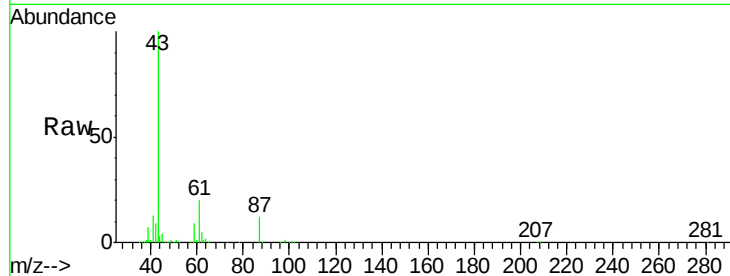
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	165680
Ion	Ratio	Lower	Upper
43	100		
61	27.9	21.9	32.9
87	12.1	10.0	15.0

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#44

Trichloroethene

Concen: 49.367 ug/l

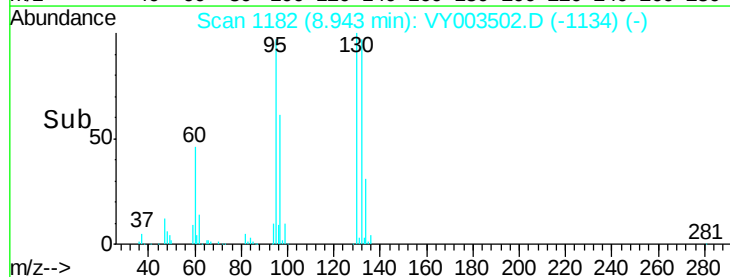
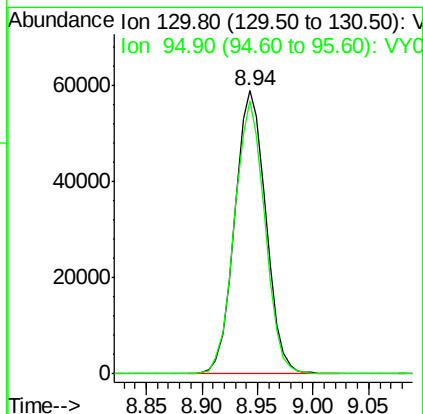
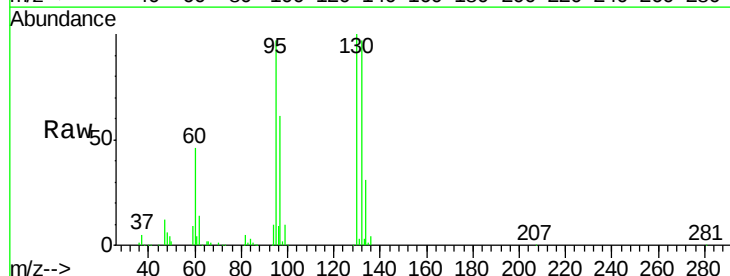
RT: 8.94 min Scan# 1182

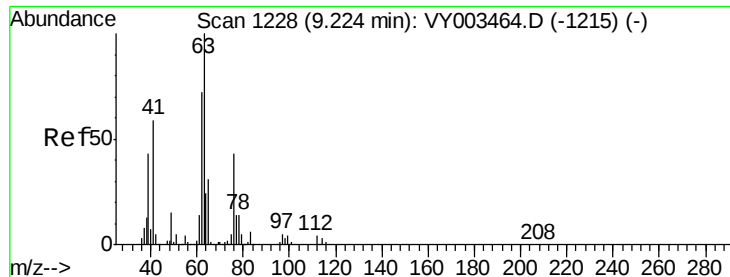
Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Tgt Ion:	130	Resp:	114298
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	186.6





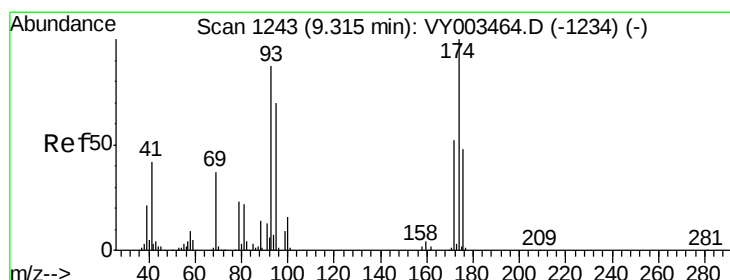
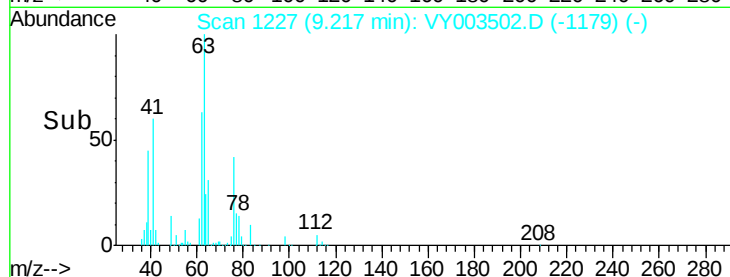
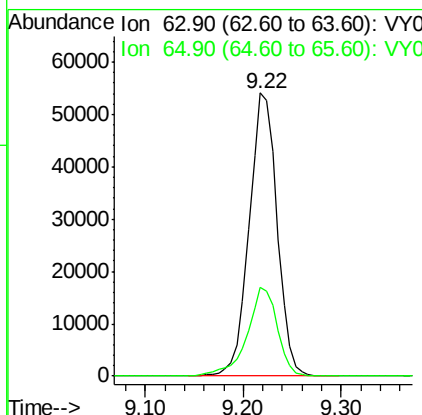
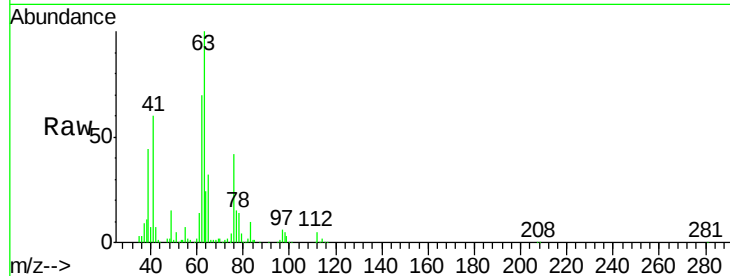
#45
 1,2-Dichloropropane
 Concen: 51.592 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.6	36.8

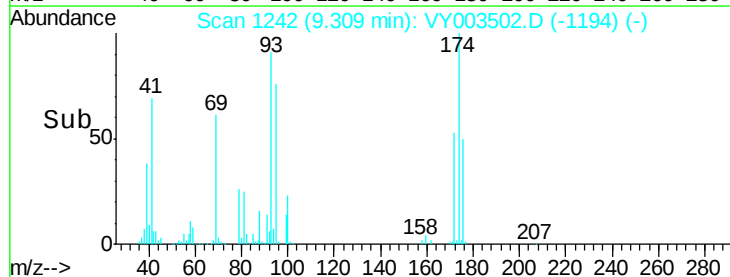
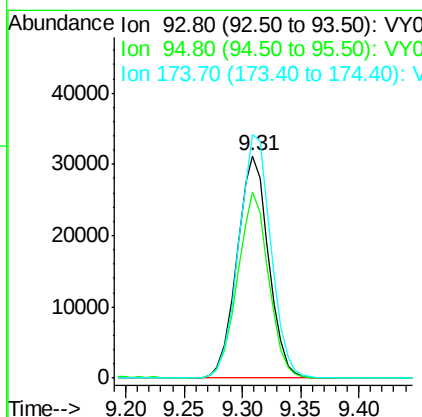
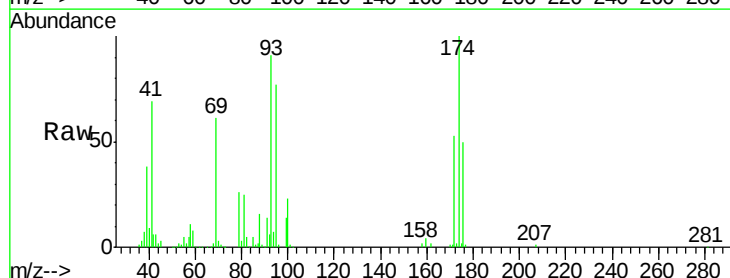
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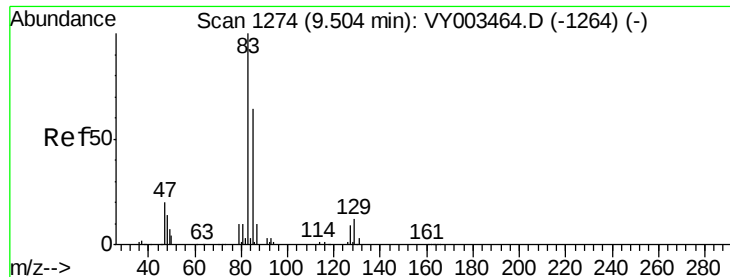
MMDadoda
 11/4/2020 11:57:49 AM



#46
 Dibromomethane
 Concen: 51.440 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.0	97.6
174	112.0	91.8	137.6





#47

Bromodichloromethane

Concen: 52.783 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

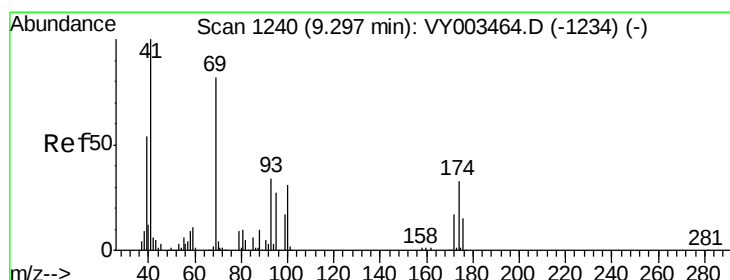
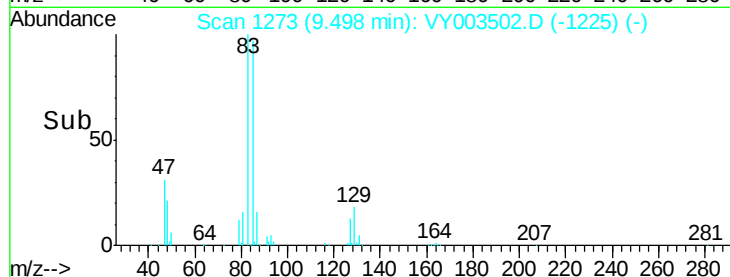
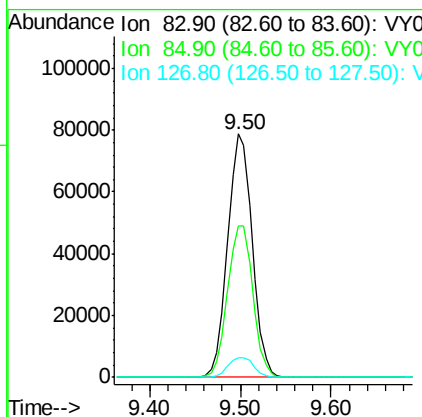
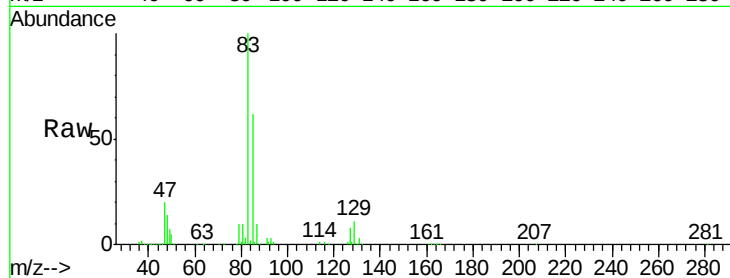
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	148032
Ion Ratio	Lower	Upper	
83	100		
85	62.3	51.0	76.6
127	8.3	7.1	10.7

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#48

Methyl methacrylate

Concen: 49.691 ug/l

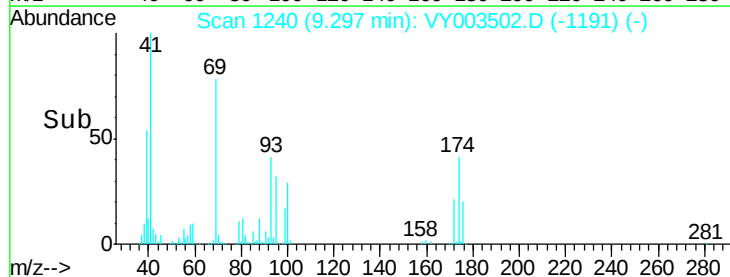
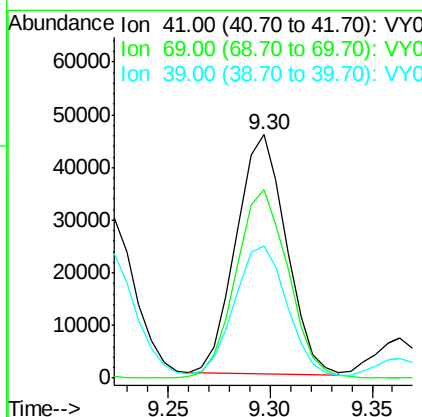
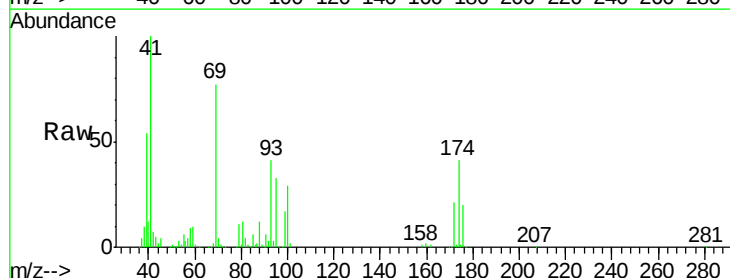
RT: 9.30 min Scan# 1240

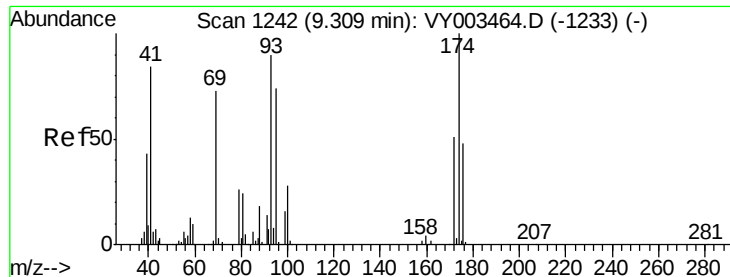
Delta R.T. -0.00 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Tgt Ion:	41	Resp:	77415
Ion Ratio	Lower	Upper	
41	100		
69	82.7	65.9	98.9
39	58.9	43.2	64.8





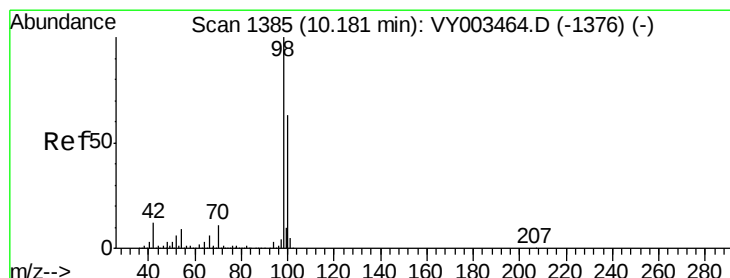
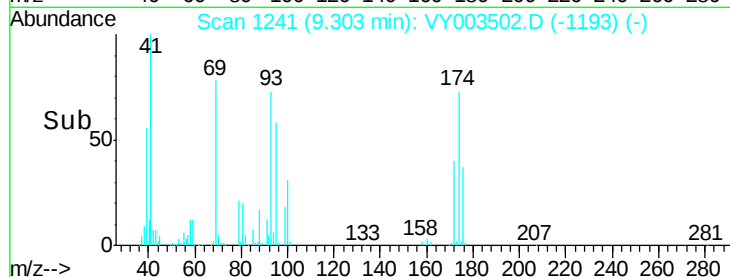
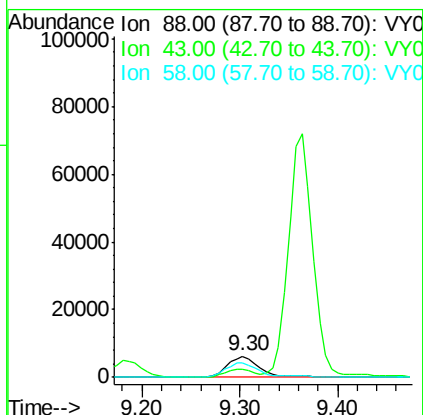
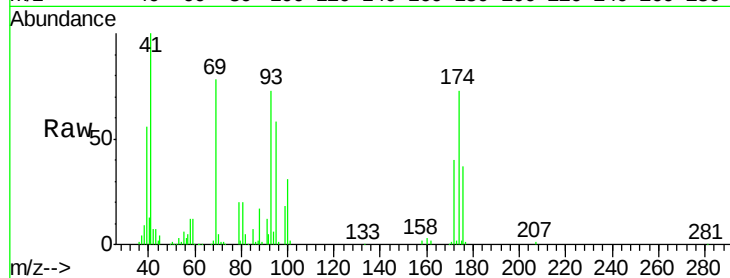
#49
1,4-Dioxane
Concen: 1005.577 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	27.6	41.4
58	68.6	54.2	81.2

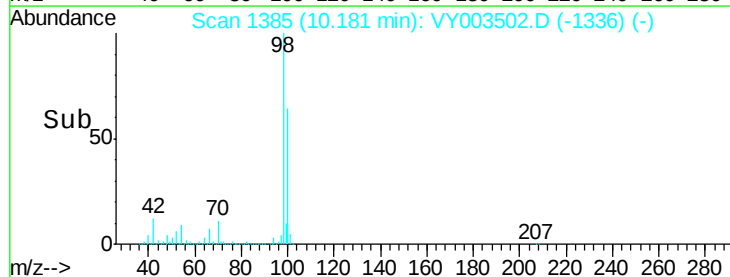
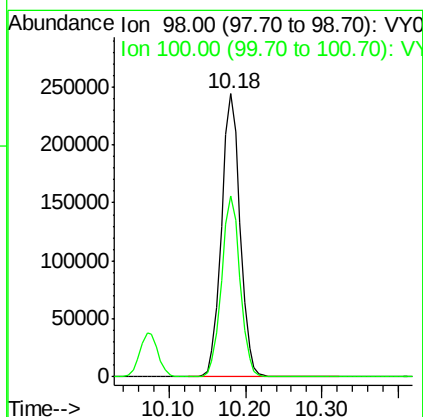
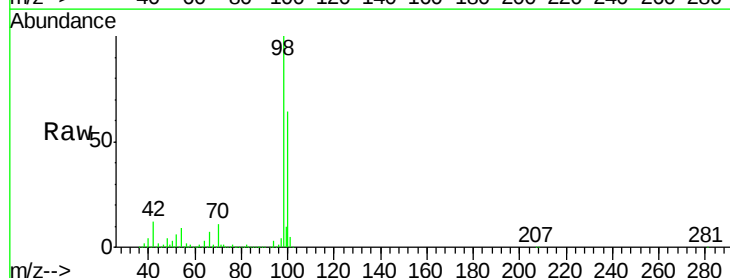
Manual Integrations
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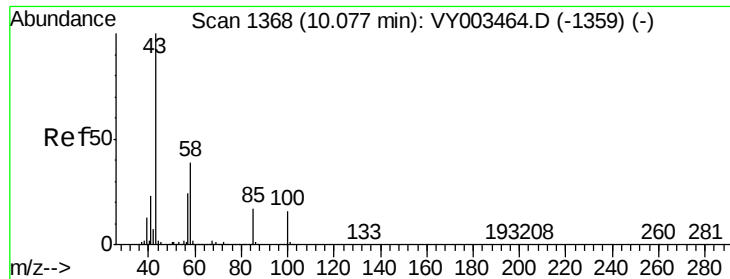
MMDadoda
11/4/2020 11:57:49 AM



#50
Toluene-d8
Concen: 51.560 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 246.759 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 434812

Ion Ratio Lower Upper

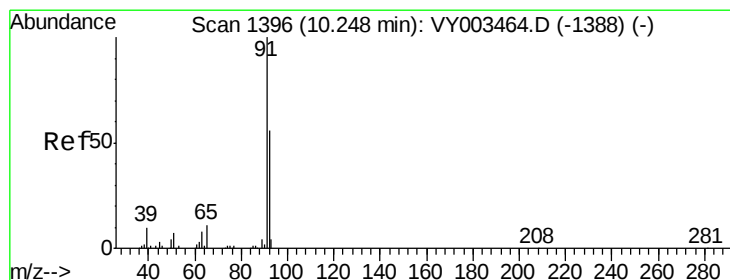
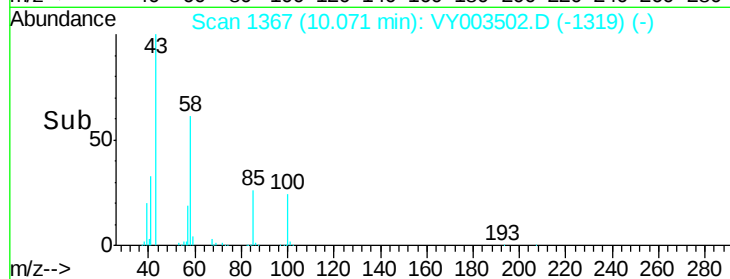
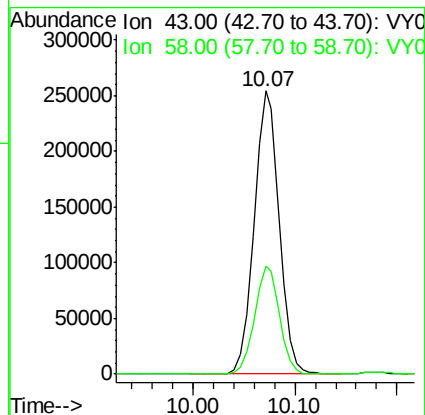
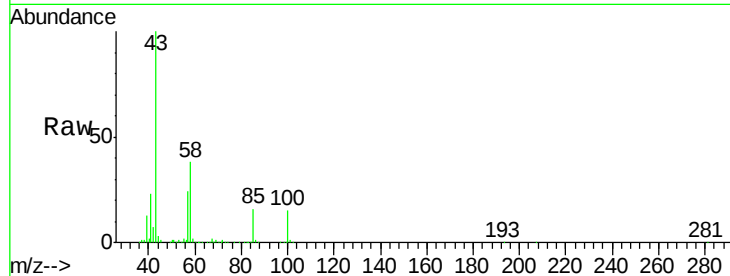
43 100

58 37.9 31.0 46.4

Manual Integrations
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#52

Toluene

Concen: 50.851 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY003502.D

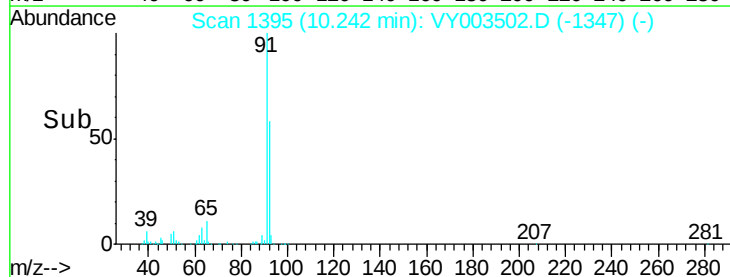
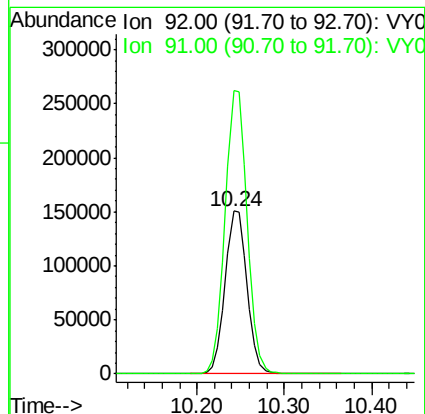
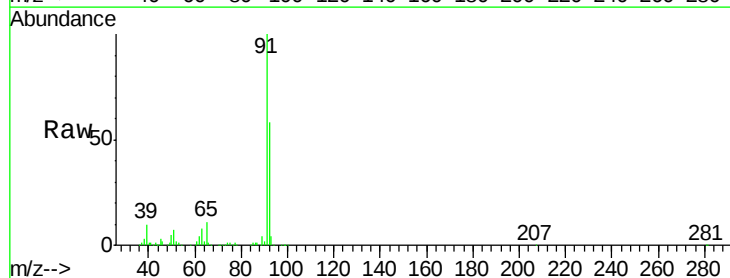
Acq: 03 Nov 2020 18:56

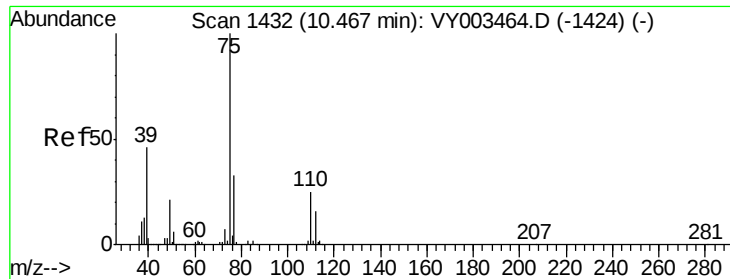
Tgt Ion: 92 Resp: 262307

Ion Ratio Lower Upper

92 100

91 175.0 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 51.893 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 154879

Ion Ratio Lower Upper

75 100

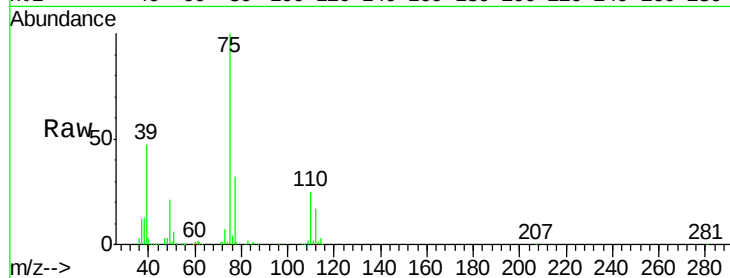
77 31.6 26.2 39.4

Manual Integrations

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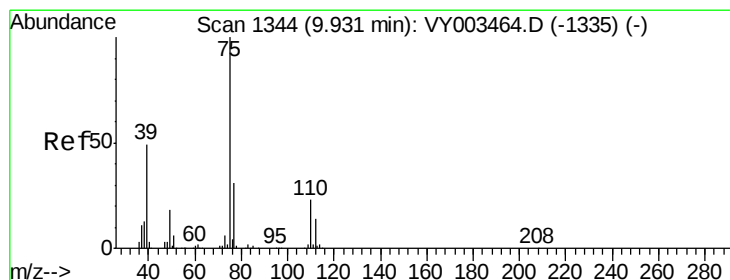
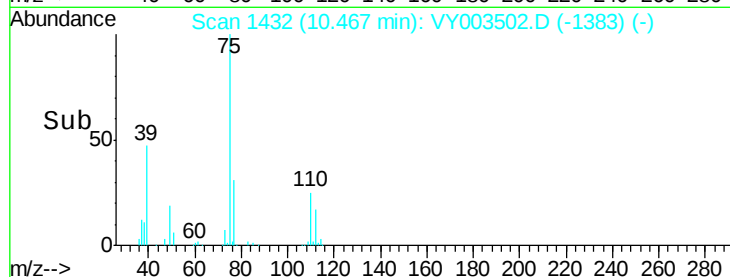
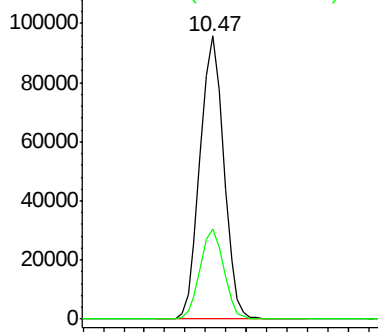
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 52.317 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

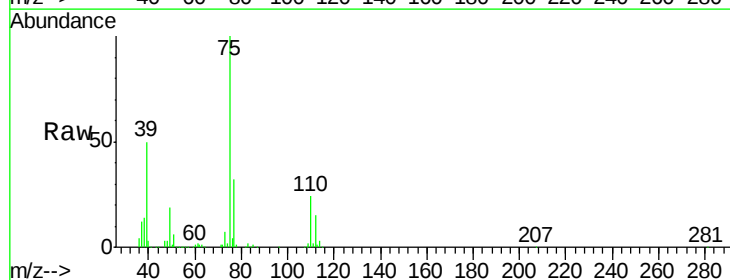
Tgt Ion: 75 Resp: 175708

Ion Ratio Lower Upper

75 100

77 32.4 24.5 36.7

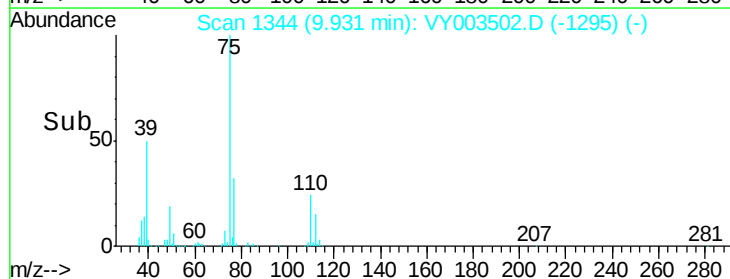
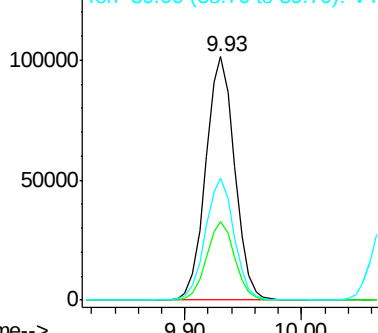
39 50.0 39.0 58.4

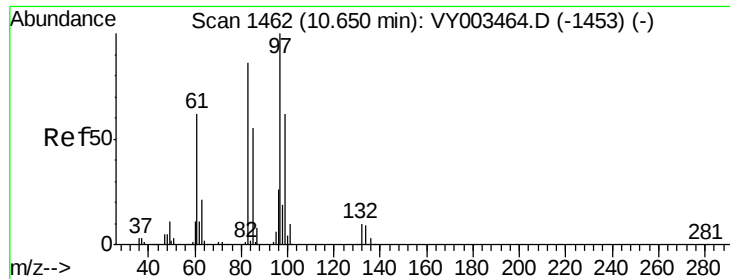


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





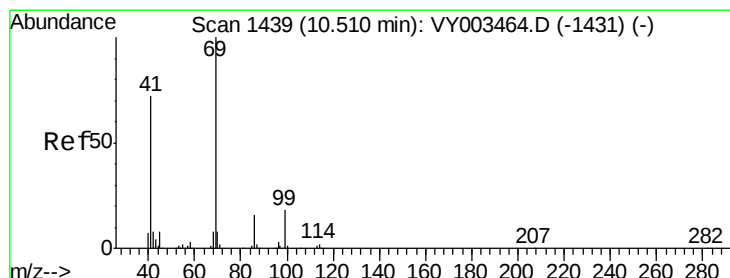
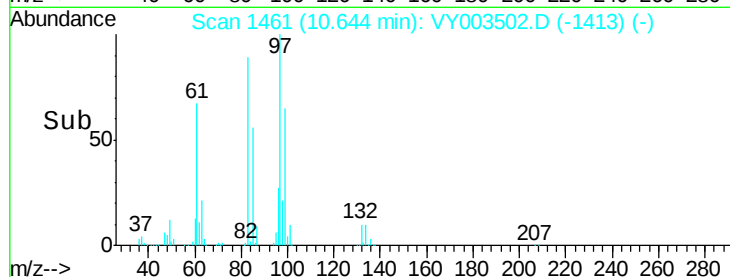
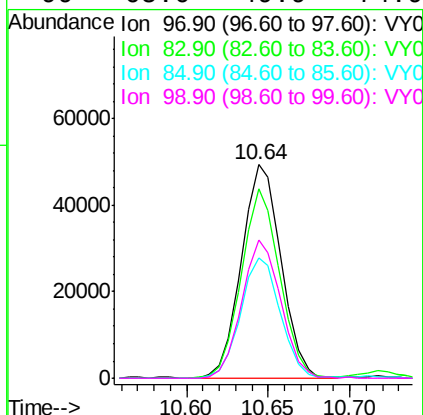
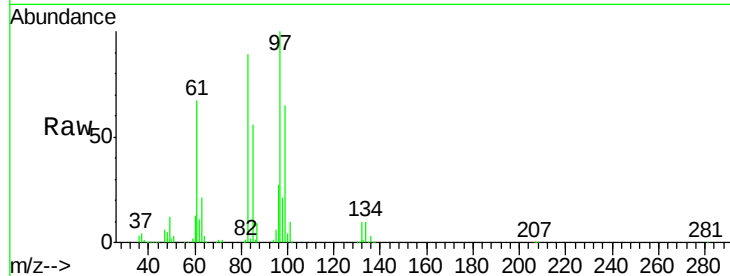
#55
 1,1,2-Trichloroethane
 Concen: 51.327 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	83487
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.6	102.8
85	56.5	43.8	65.6
99	65.0	49.9	74.9

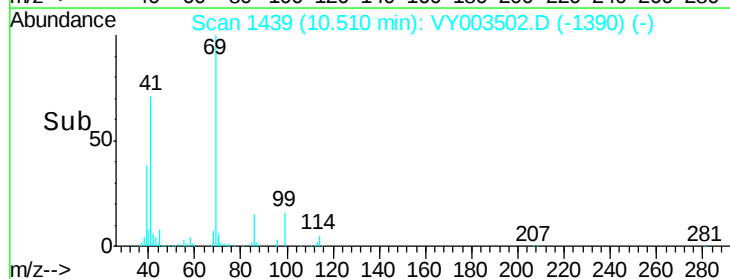
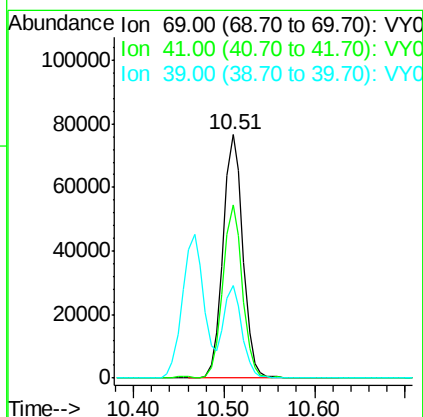
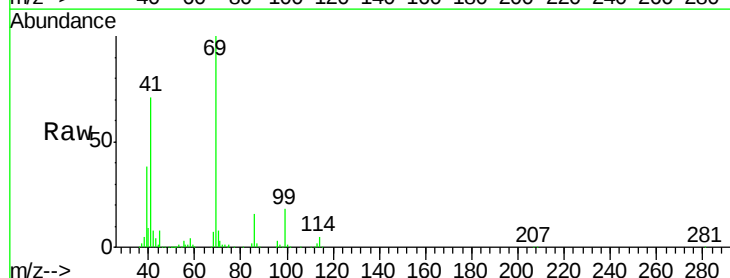
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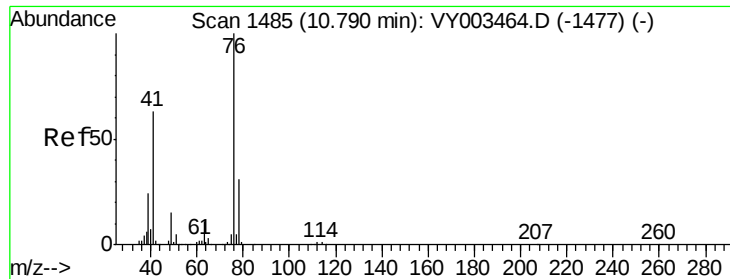
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#56
 Ethyl methacrylate
 Concen: 53.740 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Tgt Ion:	69	Resp:	117083
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.4	83.2
39	35.1	28.7	43.1





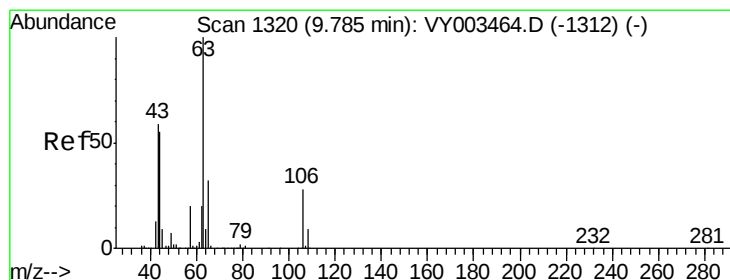
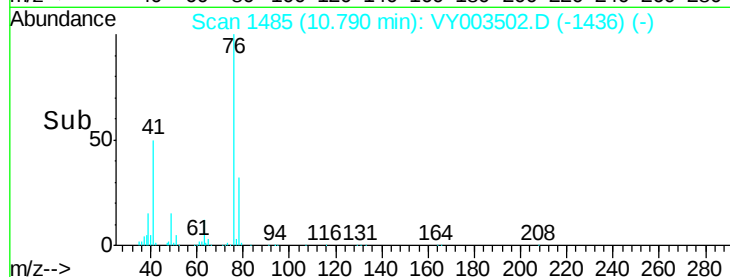
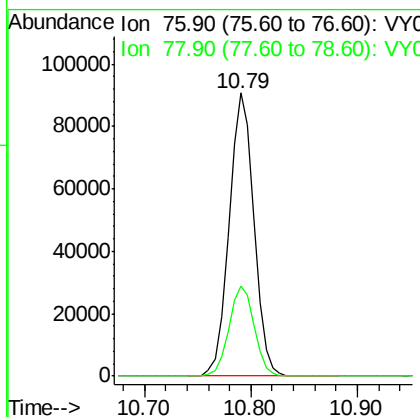
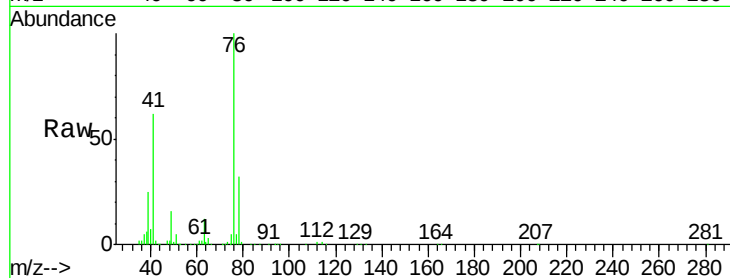
#57
 1,3-Dichloropropane
 Concen: 52.335 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

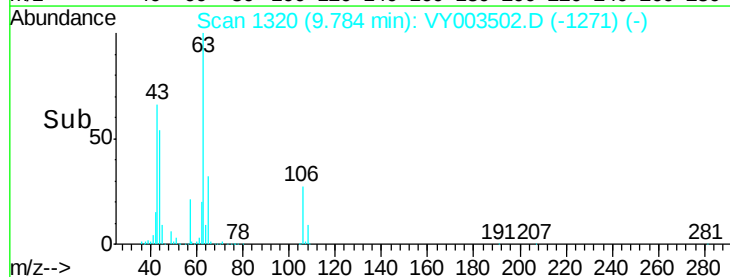
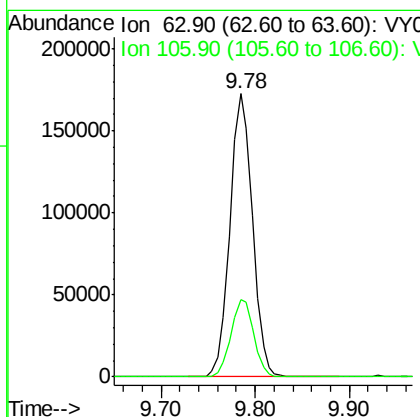
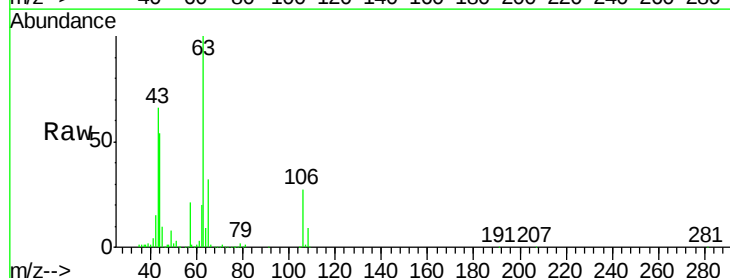
Manual Integrations
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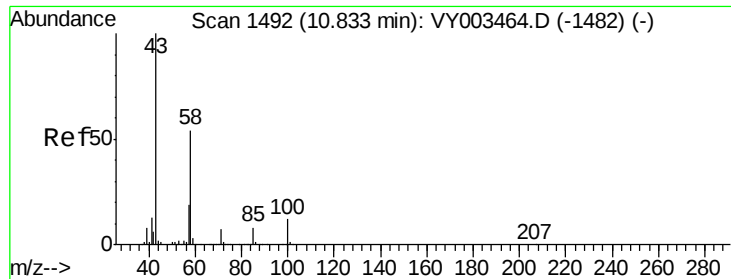
MMDadoda
 11/4/2020 11:57:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.208 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.3	33.5





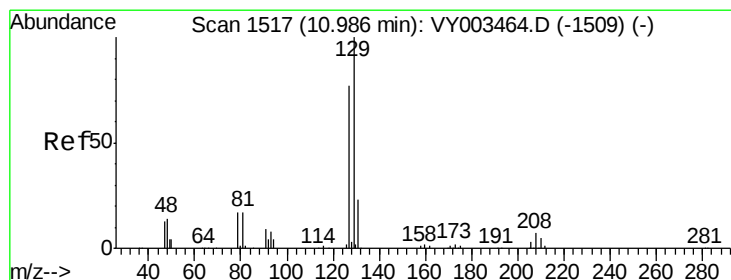
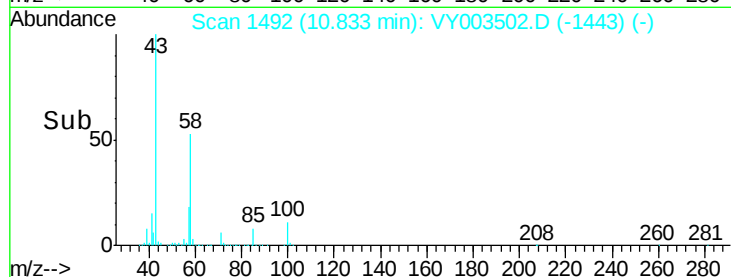
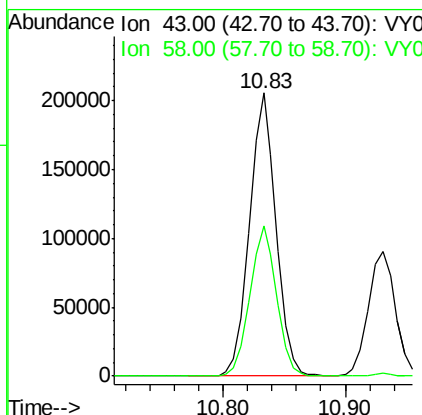
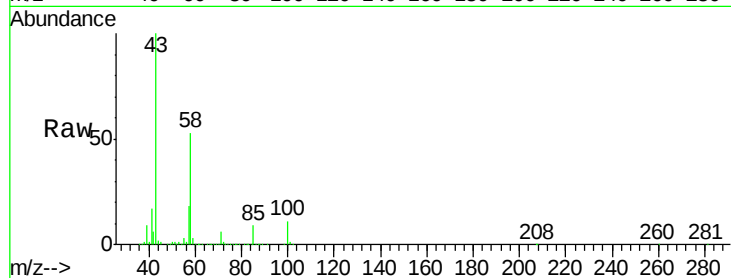
#59
2-Hexanone
Concen: 237.565 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.8	80.3

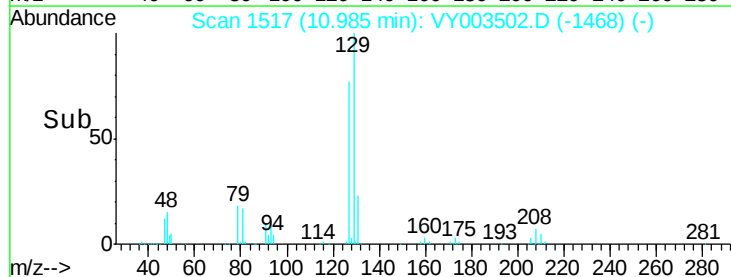
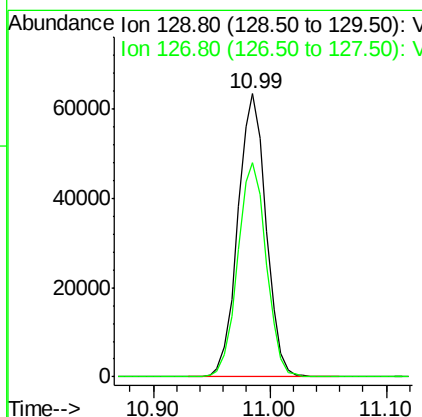
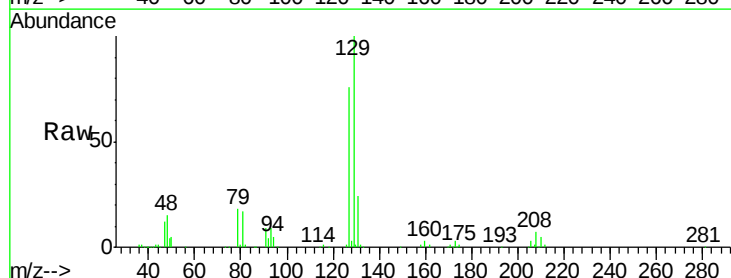
Manual Integrations
APPROVED

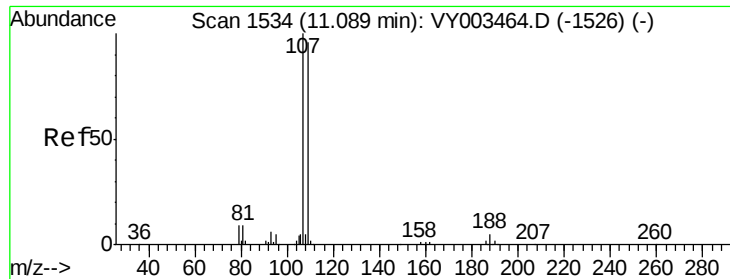
MMDadoda
11/4/2020 11:57:49 AM



#60
Dibromochloromethane
Concen: 53.579 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.8	116.3





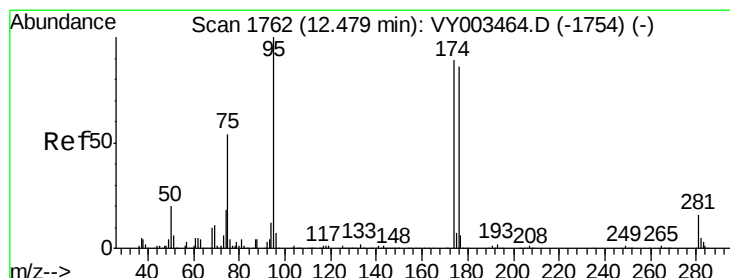
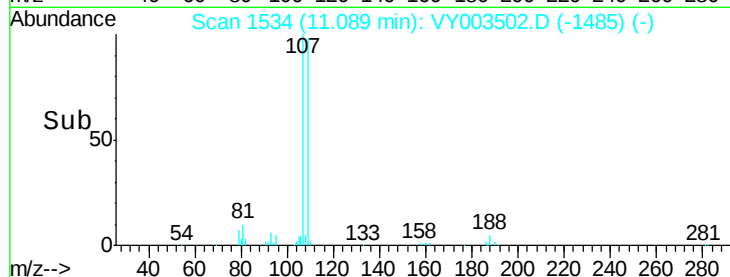
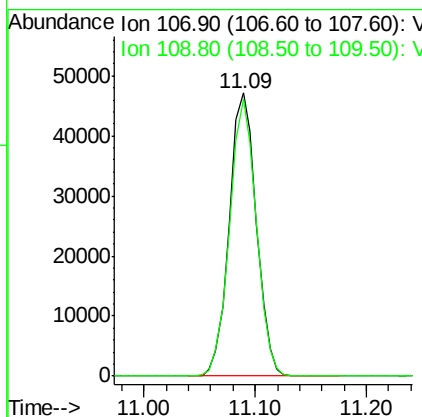
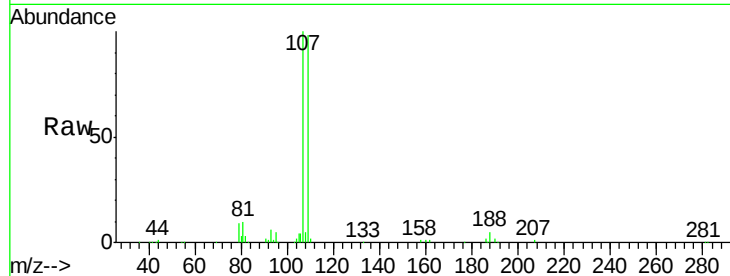
#61
 1,2-Dibromoethane
 Concen: 50.683 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.4	76.5	114.7

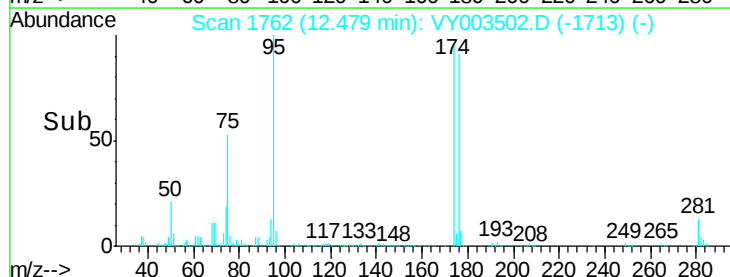
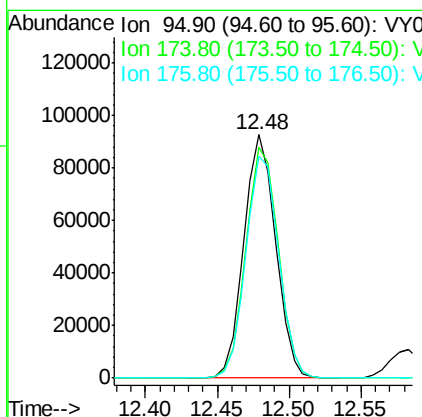
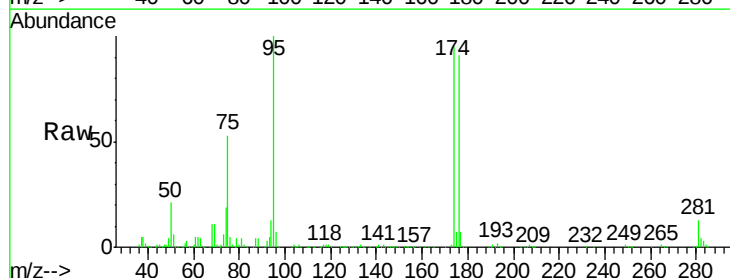
Manual Integrations
 APPROVED

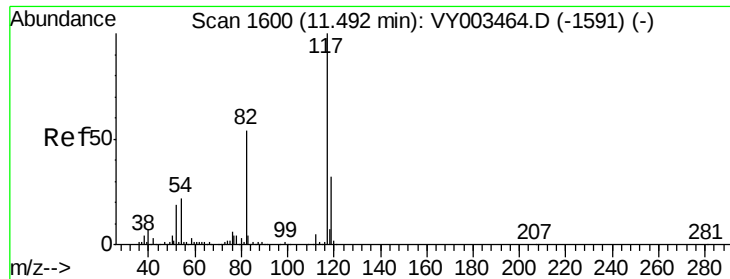
MMDadoda
 11/4/2020 11:57:49 AM



#62
 4-Bromofluorobenzene
 Concen: 53.558 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	193.0
176	93.8	0.0	187.4





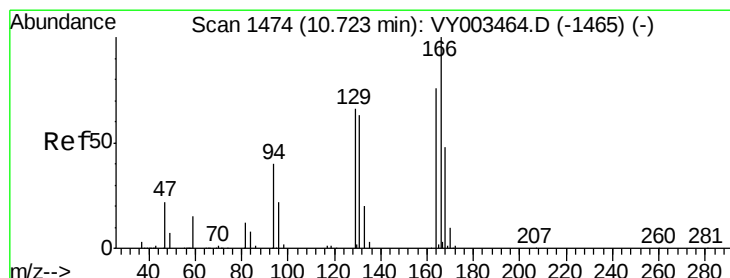
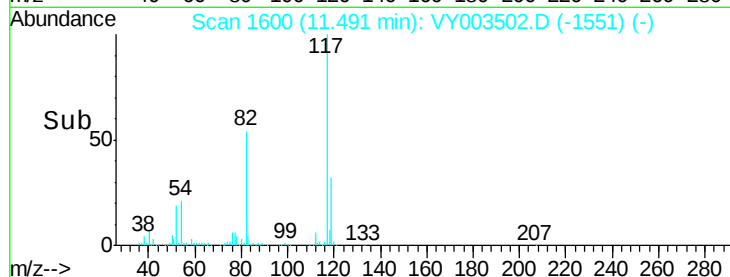
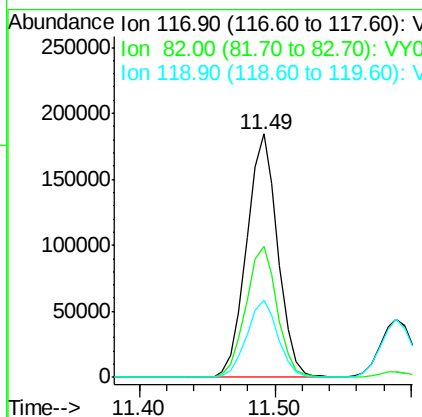
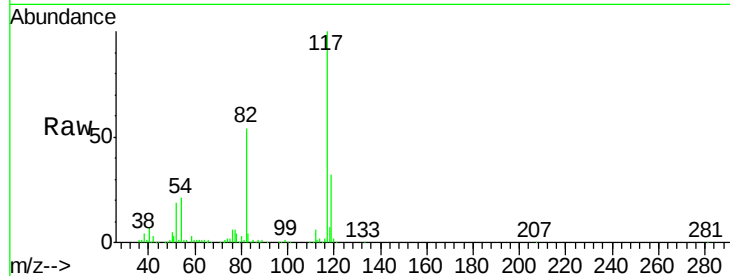
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	295136		
82	53.8		43.4	65.2
119	32.0		25.8	38.6

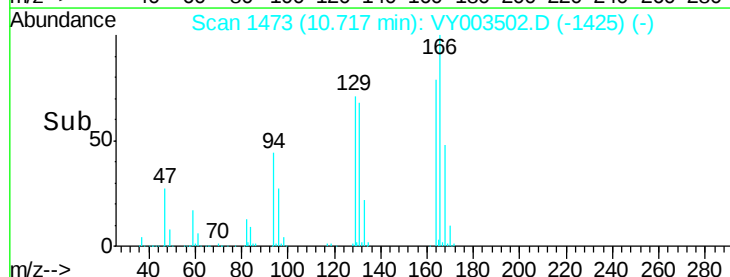
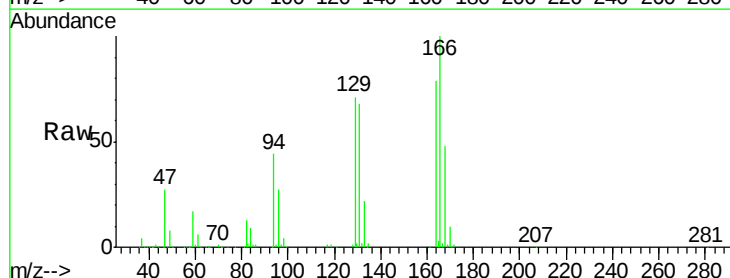
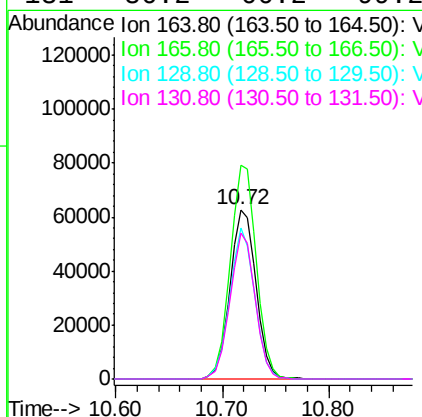
Manual Integrations
APPROVED

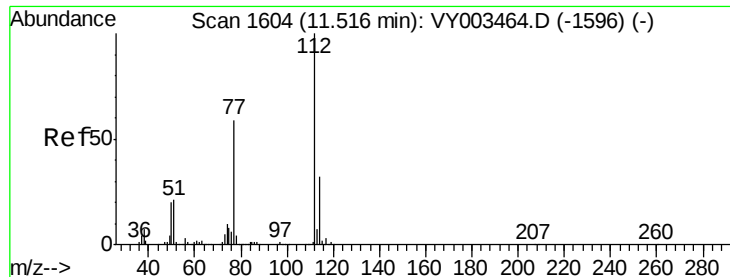
MMDadoda
11/4/2020 11:57:49 AM



#64
Tetrachloroethene
Concen: 48.761 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107474		
166	126.0		104.9	157.3
129	89.2		68.9	103.3
131	86.2		66.2	99.2





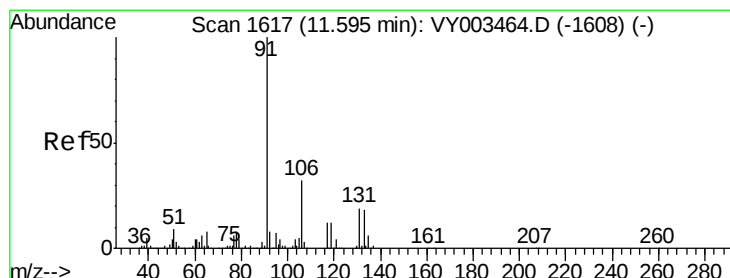
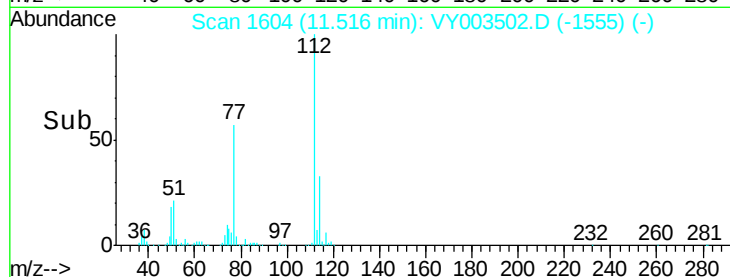
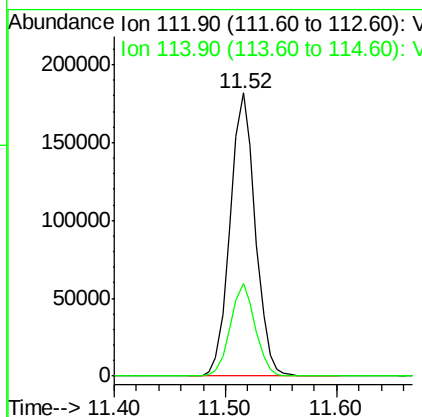
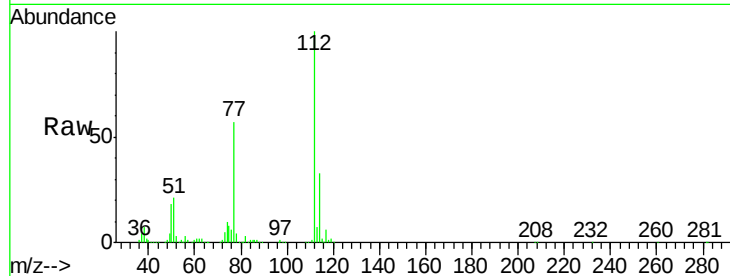
#65
Chlorobenzene
Concen: 49.533 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.5	38.3

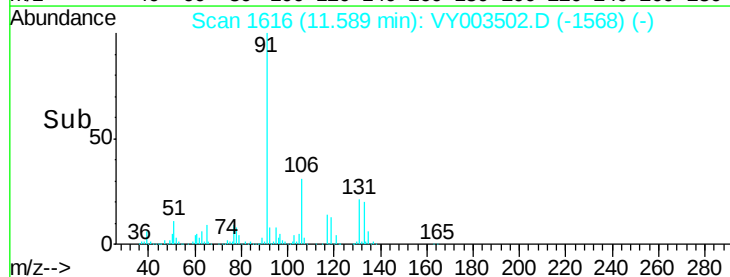
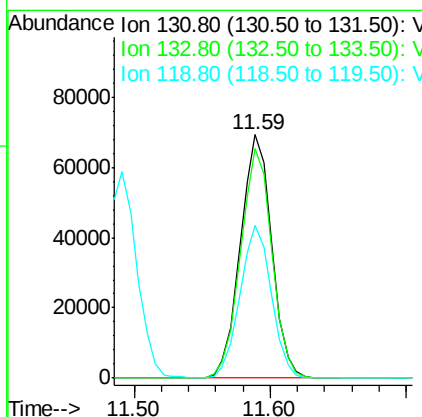
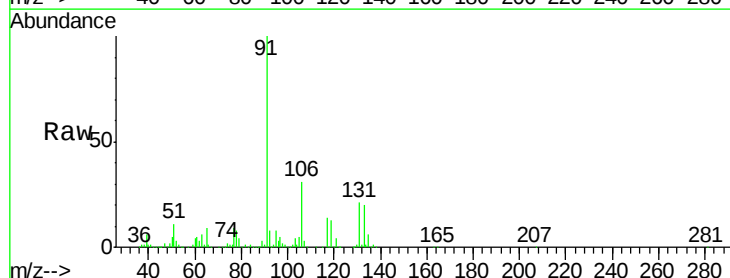
Manual Integrations
APPROVED

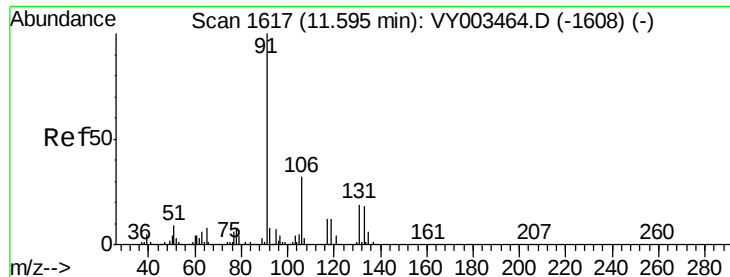
MMDadoda
11/4/2020 11:57:49 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.559 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.4	142.2
119	62.8	31.6	95.0





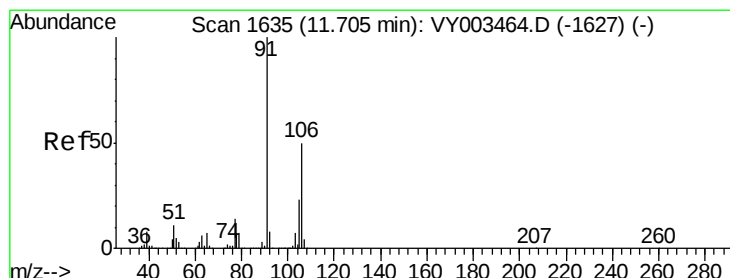
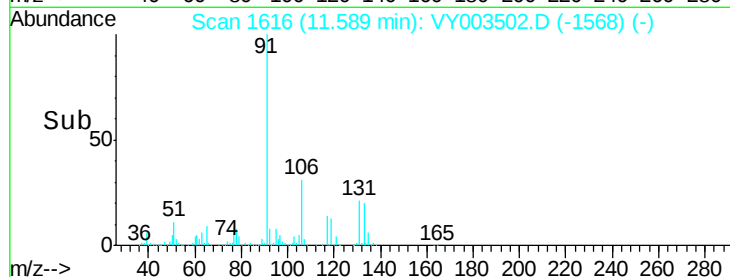
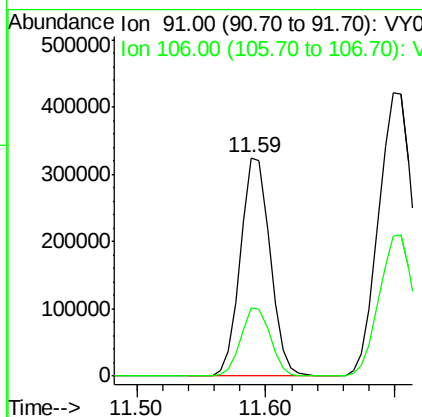
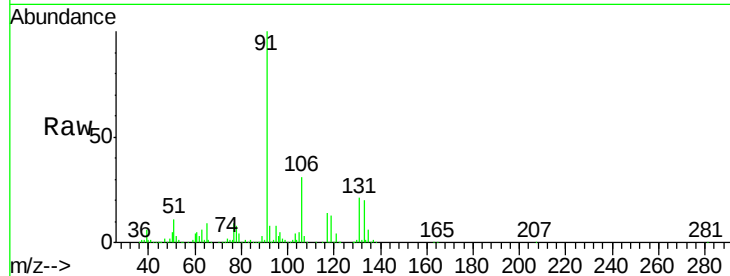
#67
Ethyl Benzene
Concen: 49.924 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 519053
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

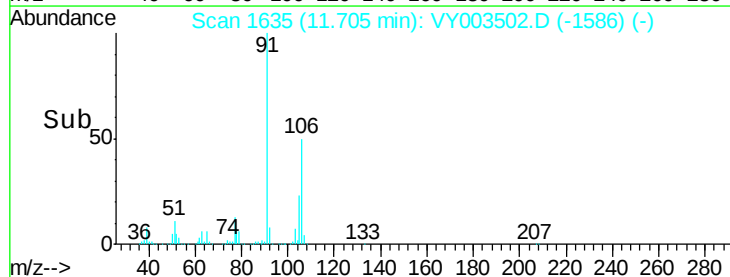
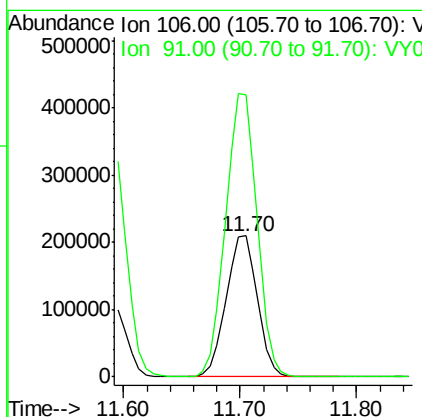
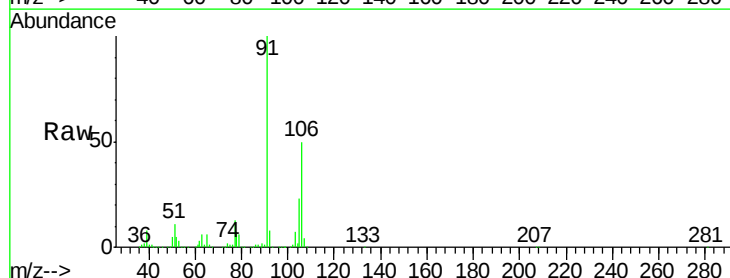
Manual Integrations
APPROVED

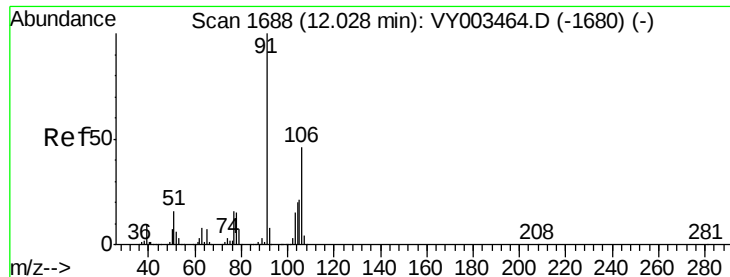
MMDadoda
11/4/2020 11:57:49 AM



#68
m/p-Xylenes
Concen: 99.498 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion: 106 Resp: 392018
Ion Ratio Lower Upper
106 100
91 201.8 161.0 241.6





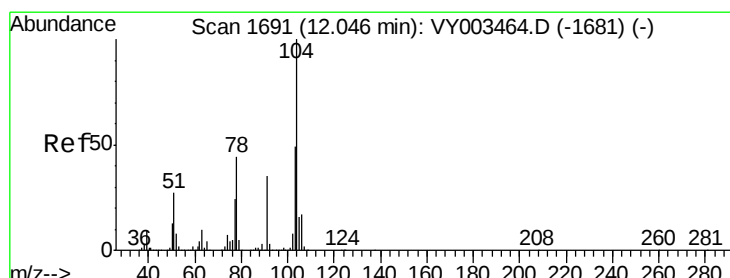
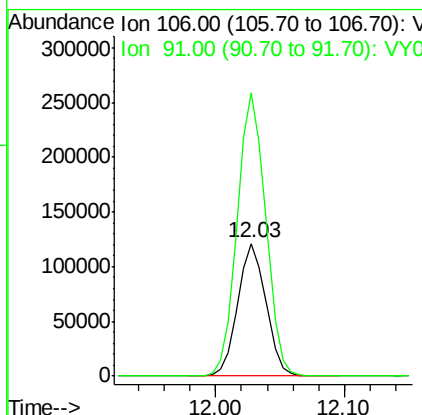
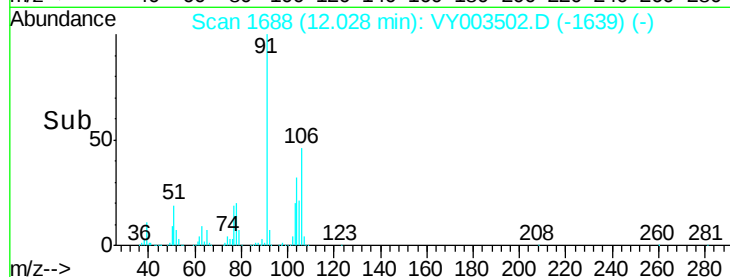
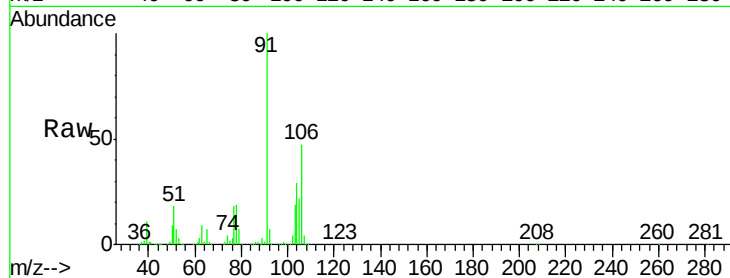
#69
o-Xylene
Concen: 50.838 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.7	105.5	316.5	

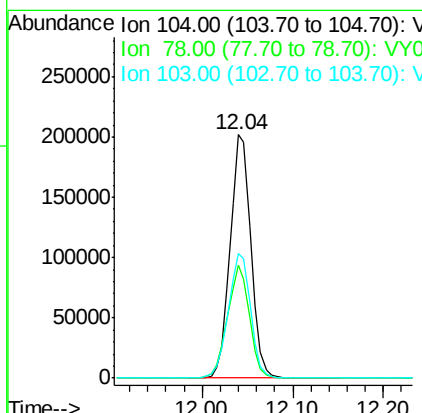
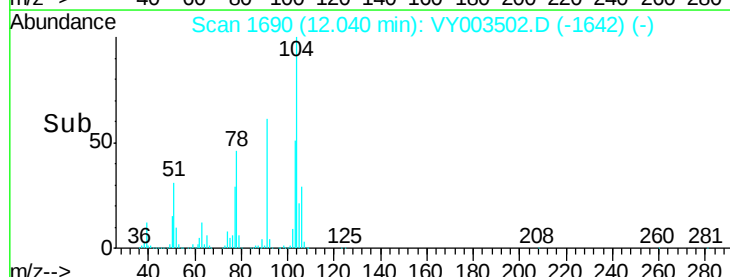
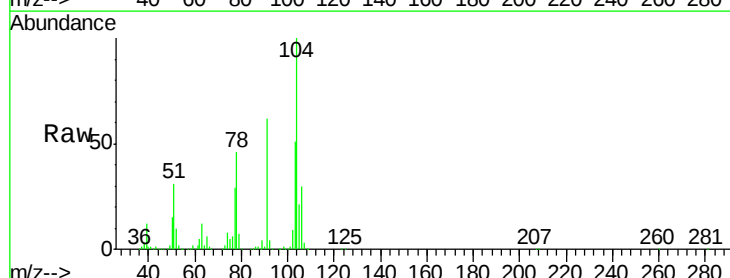
Manual Integrations
APPROVED

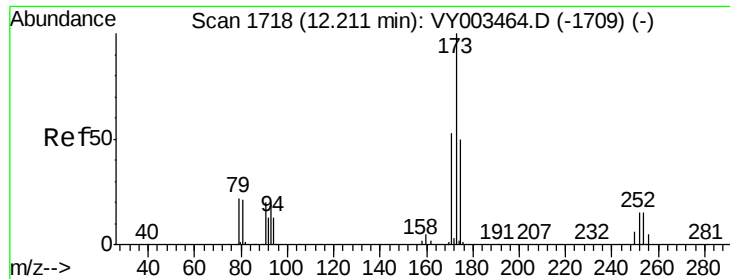
MMDadoda
11/4/2020 11:57:49 AM



#70
Styrene
Concen: 51.782 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.0	39.5	59.3	
103	55.2	44.2	66.2	





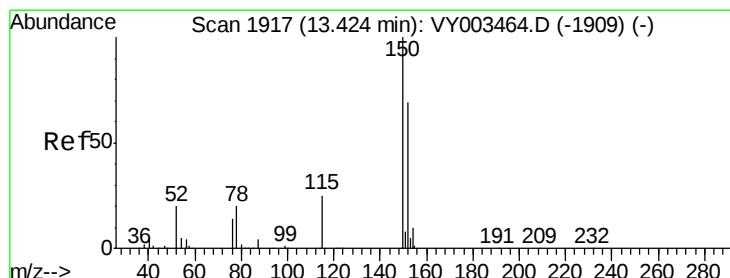
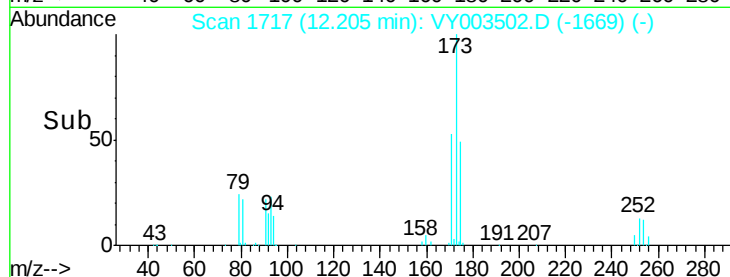
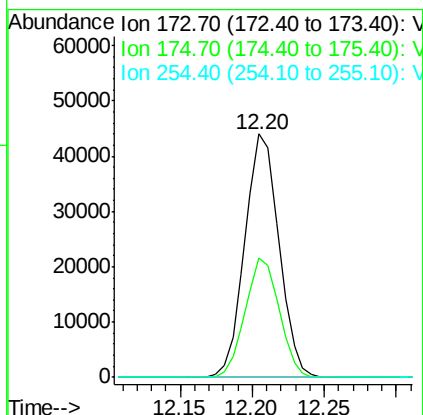
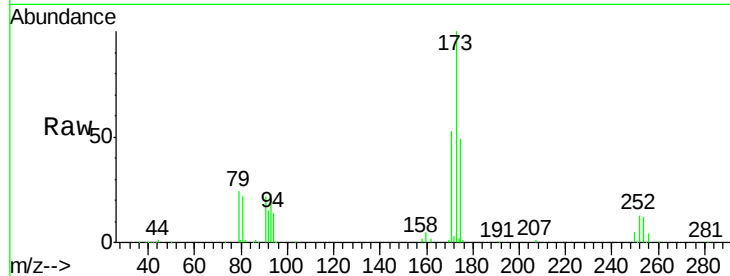
#71
Bromoform
Concen: 50.126 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.7	74.1
254	0.1	0.2	0.2#

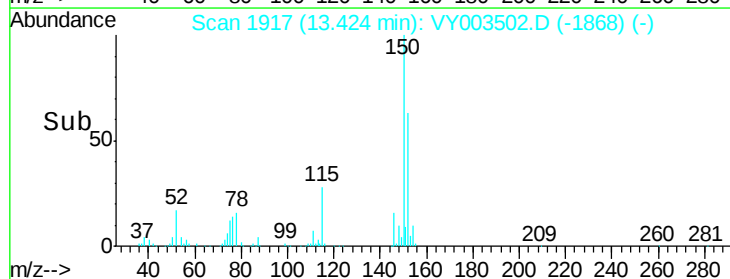
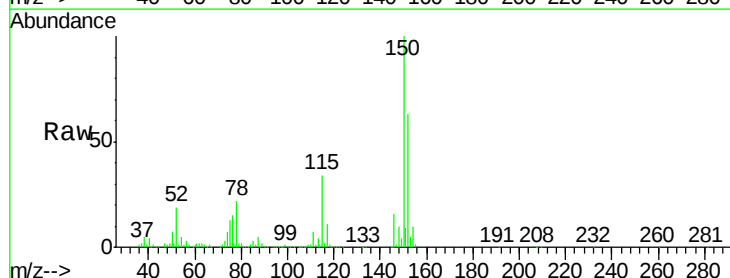
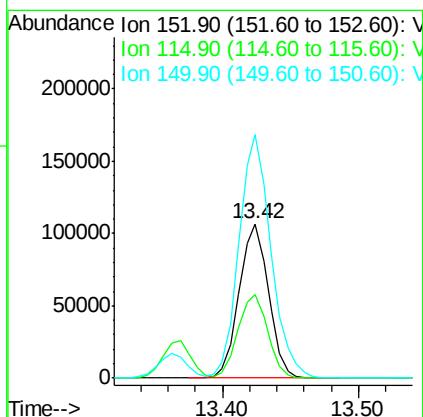
Manual Integrations
APPROVED

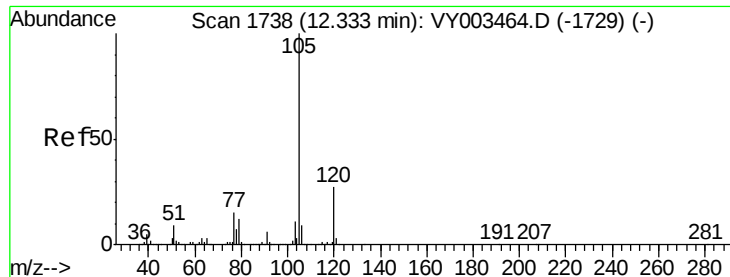
MMDadoda
11/4/2020 11:57:49 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.5	82.4
150	171.4	0.0	345.8





#73

Isopropylbenzene

Concen: 47.934 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 505314

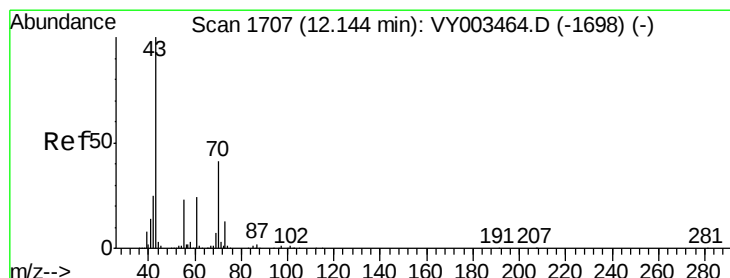
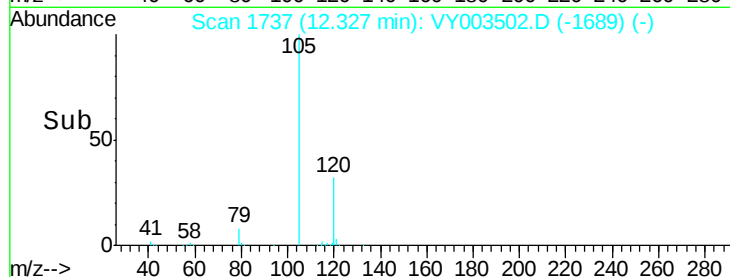
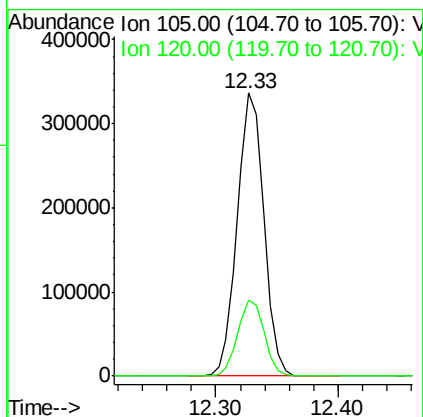
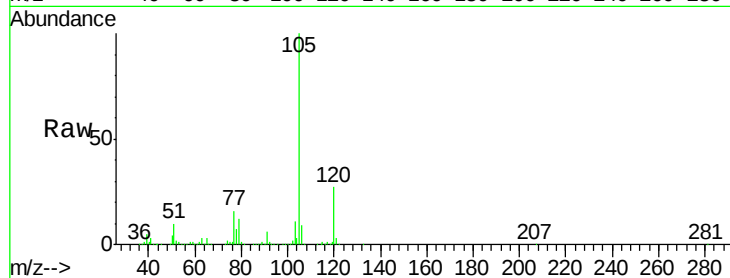
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5

Manual Integrations
APPROVED

MMDadoda
11/4/2020 11:57:49 AM



#74

N-ethyl acetate

Concen: 49.299 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Tgt Ion: 43 Resp: 147213

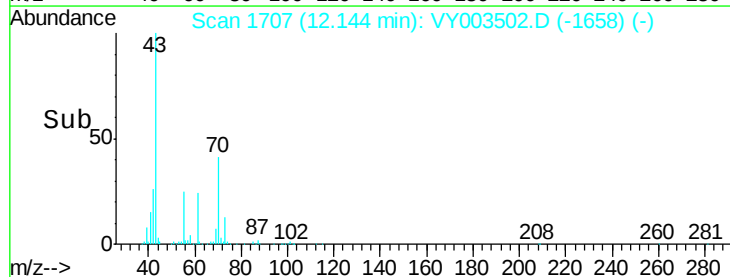
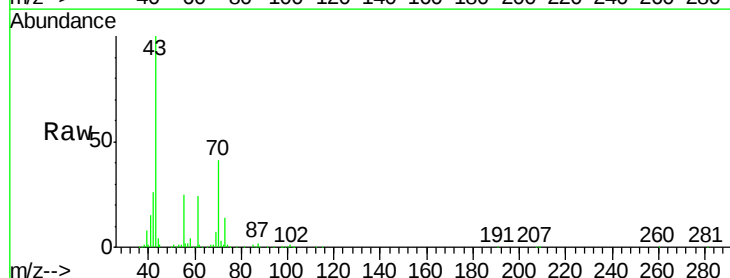
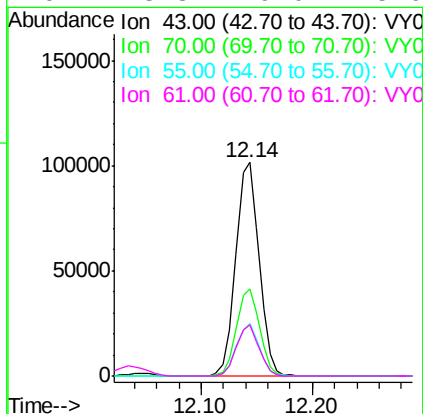
Ion Ratio Lower Upper

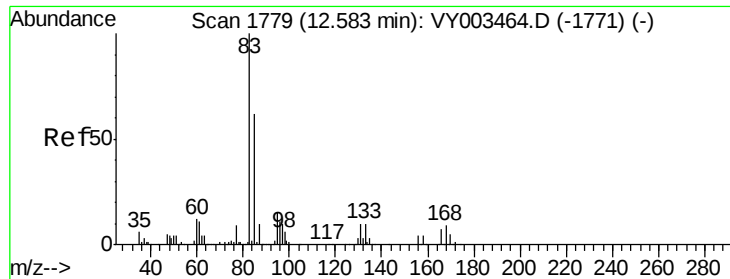
43 100

70 40.5 33.1 49.7

55 24.1 19.2 28.8

61 23.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.673 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 105096
Ion Ratio Lower Upper

83 100

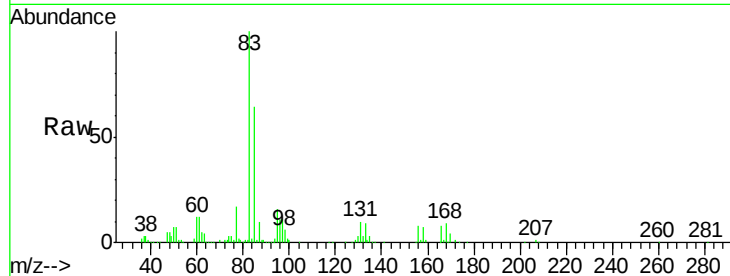
131 10.8 5.4 16.2

85 65.1 32.0 96.2

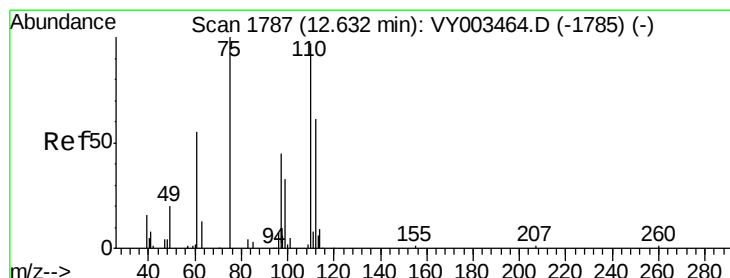
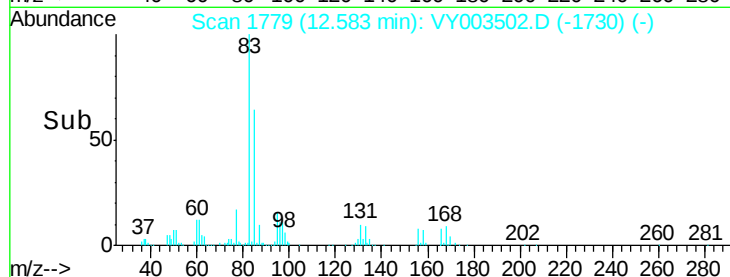
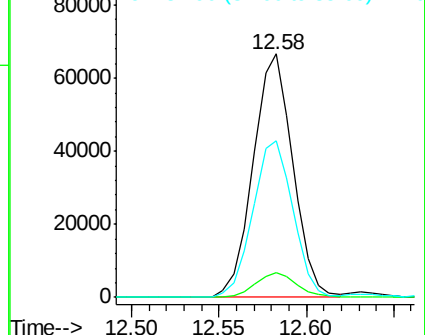
Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 42.479 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

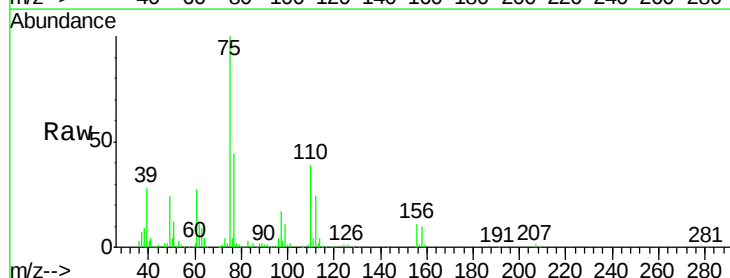
Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

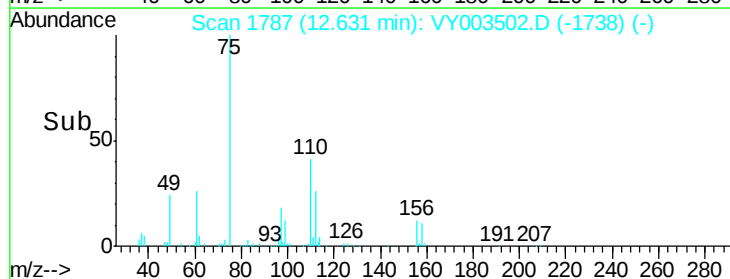
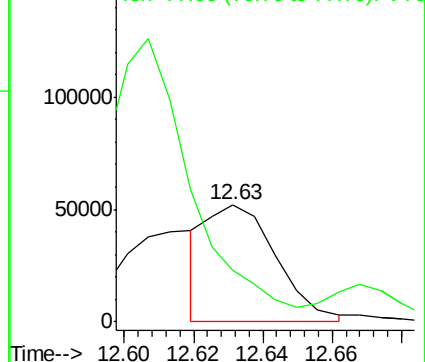
Tgt Ion: 75 Resp: 72534
Ion Ratio Lower Upper

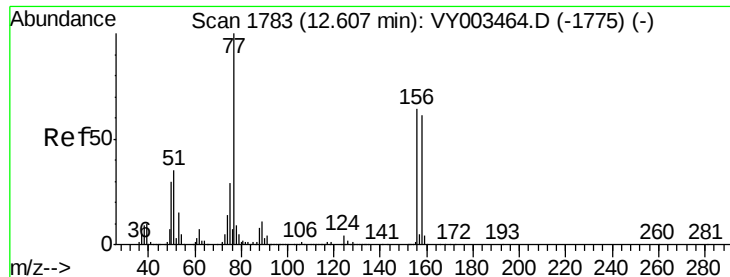
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





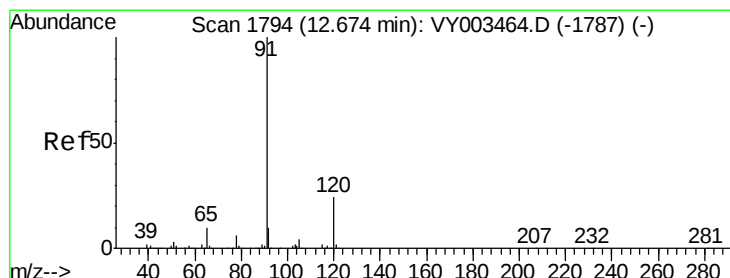
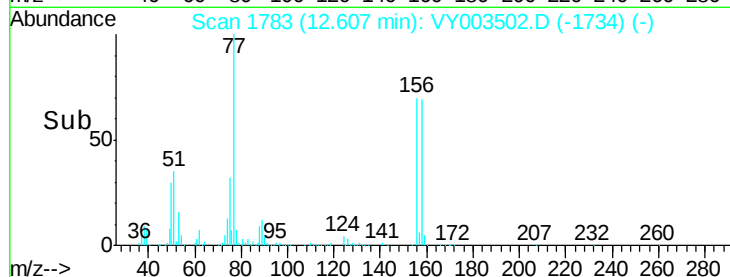
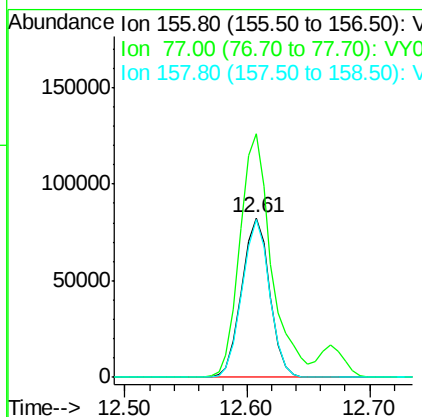
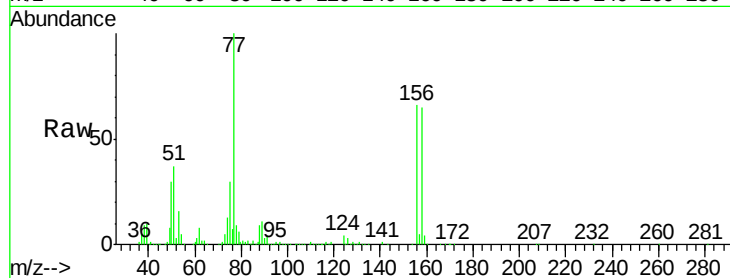
#77
Bromobenzene
Concen: 48.788 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.1	87.0	260.9
158	97.5	48.7	146.1

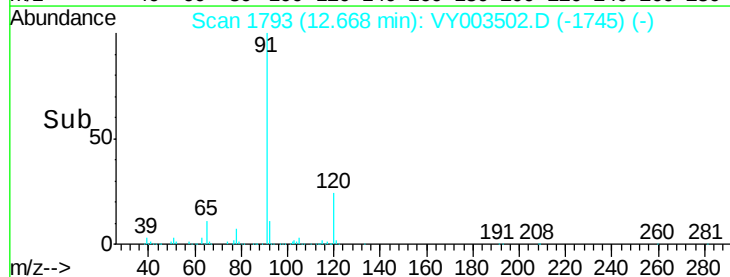
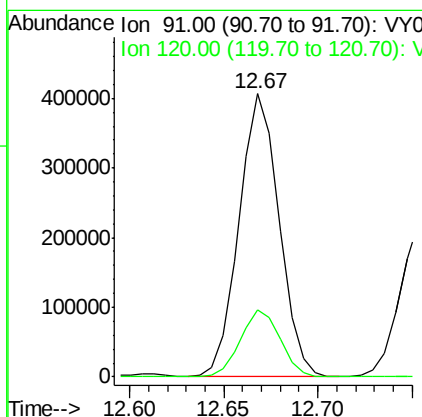
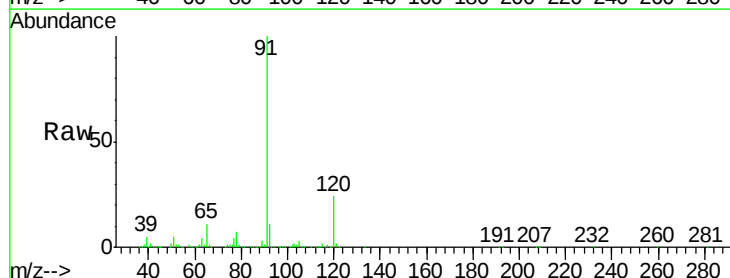
Manual Integrations
APPROVED

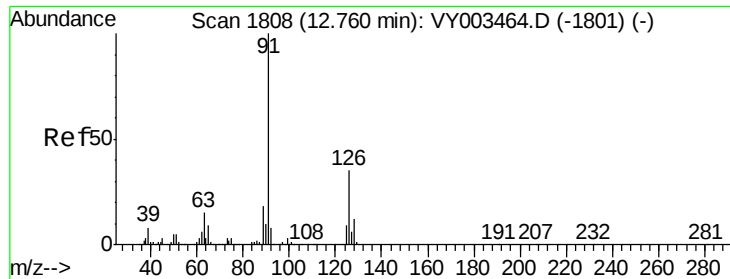
MMDadoda
11/4/2020 11:57:49 AM



#78
n-propylbenzene
Concen: 48.173 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.7	35.1





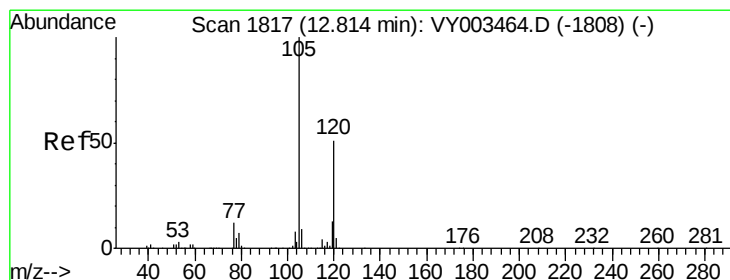
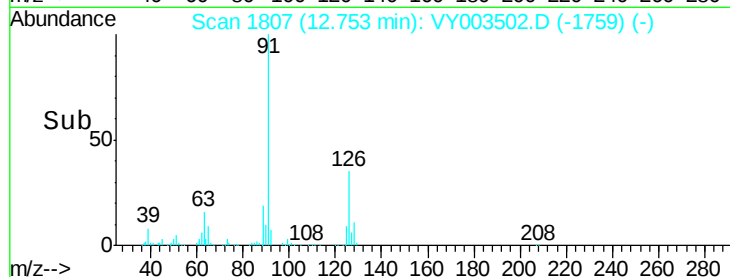
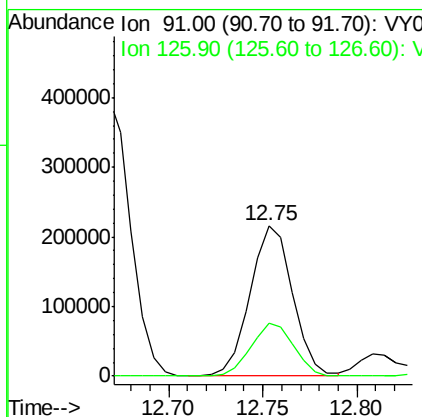
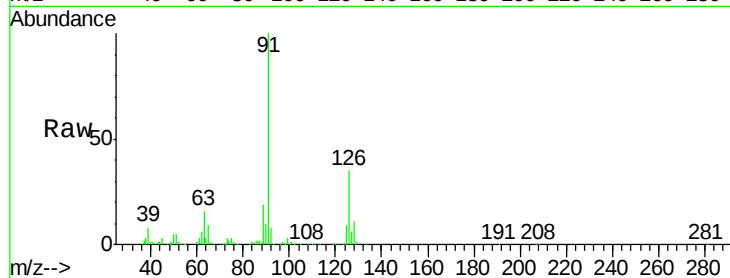
#79
2-Chlorotoluene
Concen: 48.731 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.8	53.3

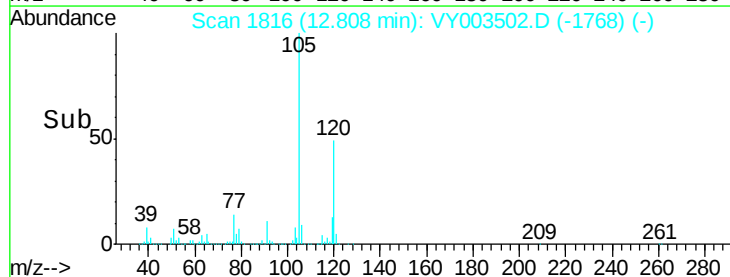
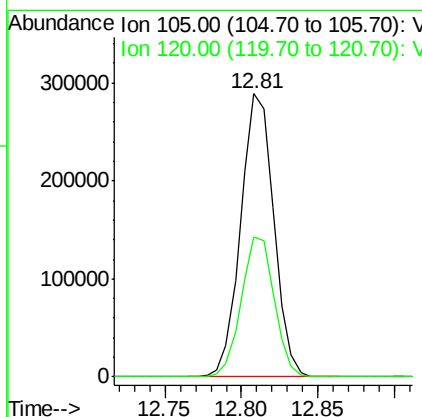
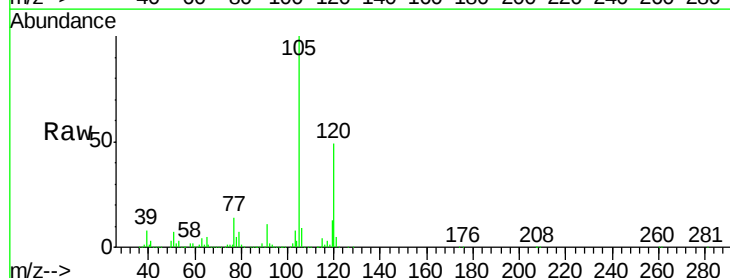
Manual Integrations
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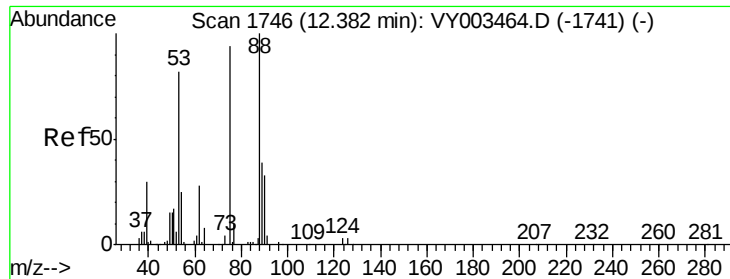
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#80
1,3,5-Trimethylbenzene
Concen: 49.615 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.4	25.3	75.9





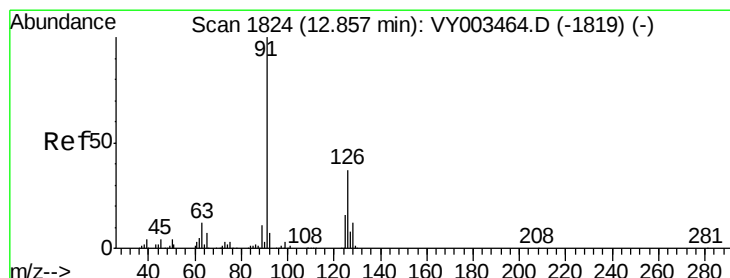
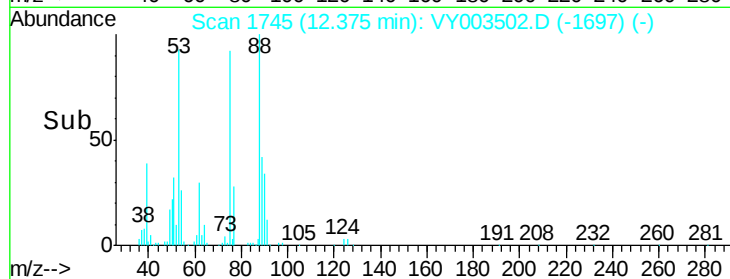
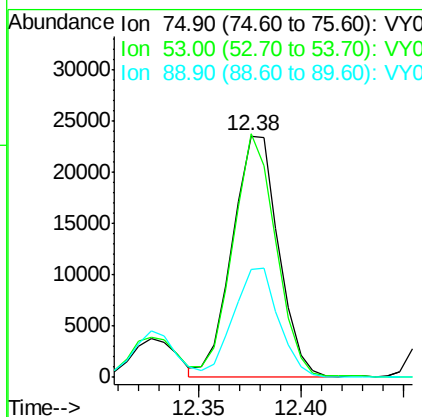
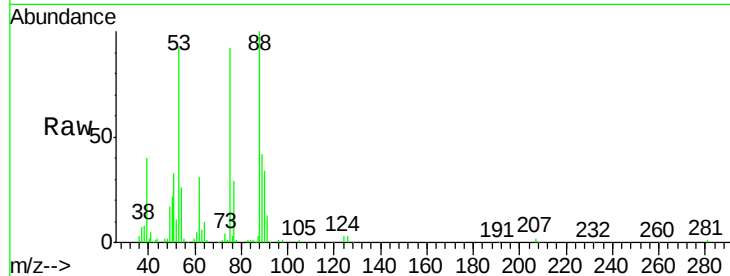
#81
trans-1,4-Dichloro-2-butene
Concen: 44.951 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.7	74.7	112.1
89	44.7	35.8	53.8

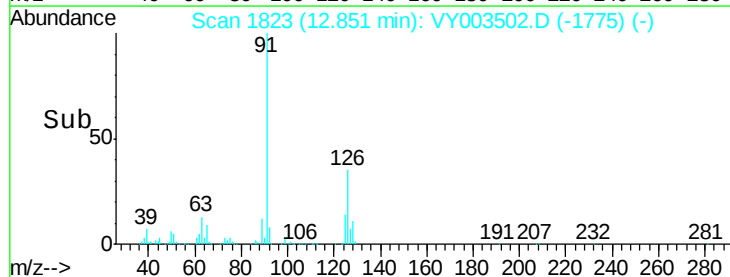
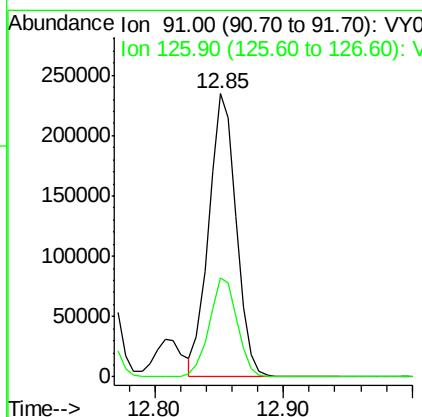
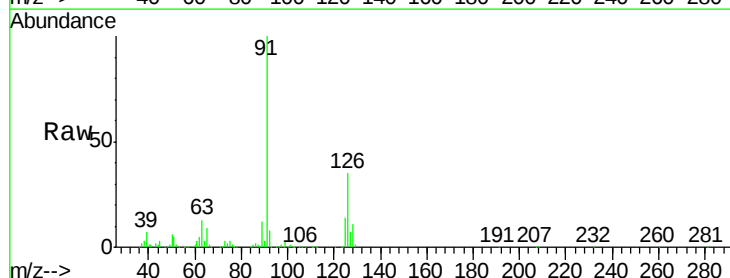
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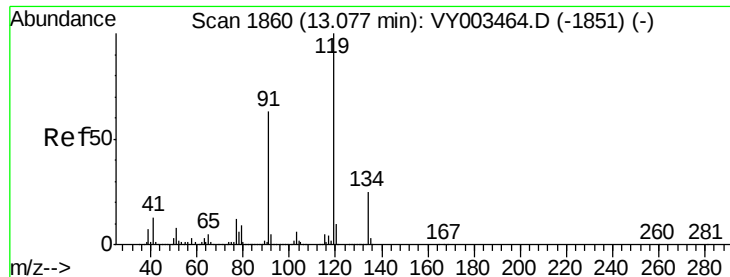
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#82
4-Chlorotoluene
Concen: 48.158 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.6	52.8





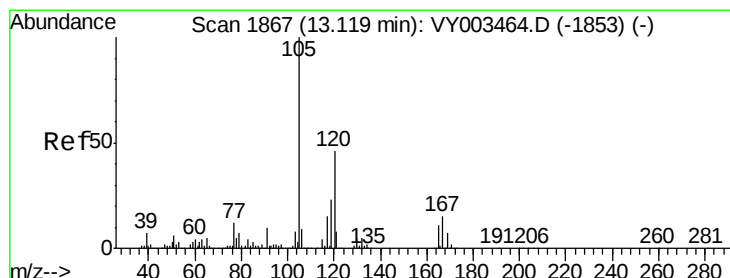
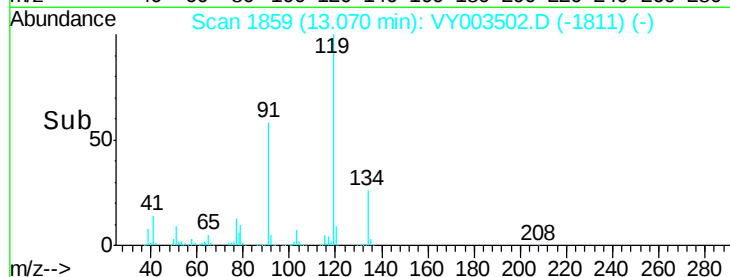
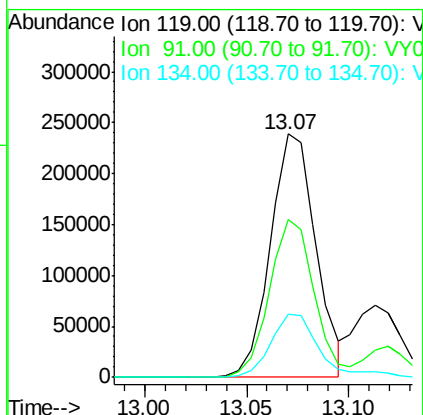
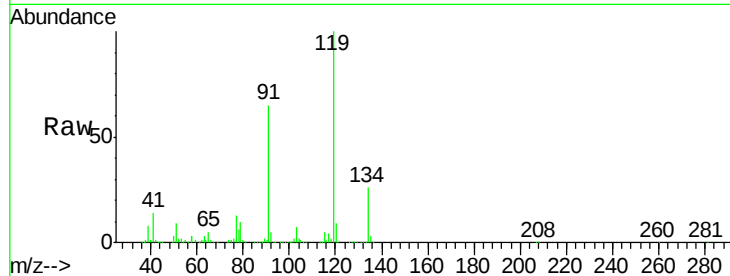
#83
tert-Butylbenzene
Concen: 47.976 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	31.1	93.2
134	27.8	13.4	40.1

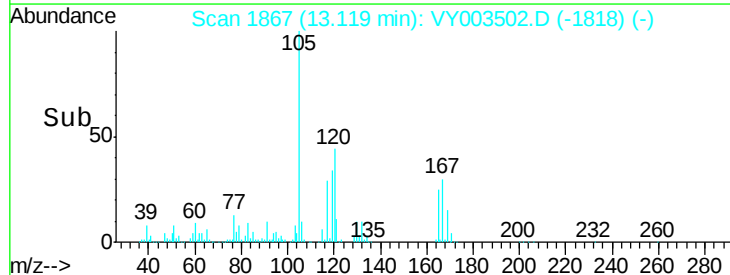
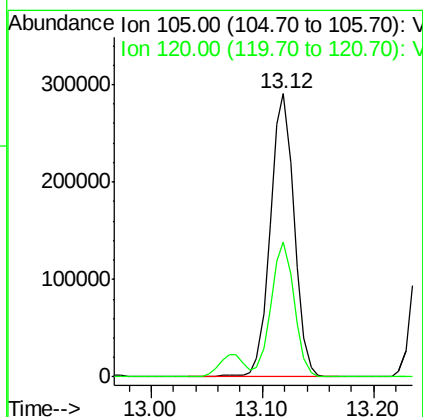
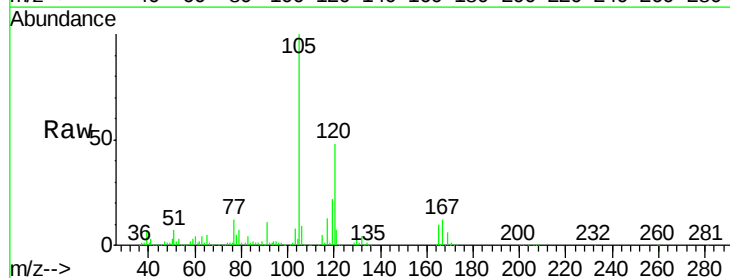
Manual Integrations
APPROVED

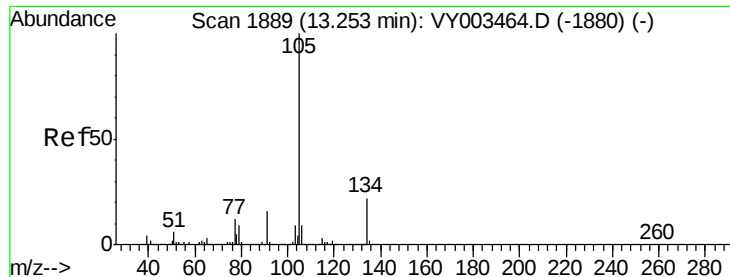
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#84
1,2,4-Trimethylbenzene
Concen: 49.707 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8





#85

sec-Butylbenzene

Concen: 49.406 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 518228

Ion Ratio Lower Upper

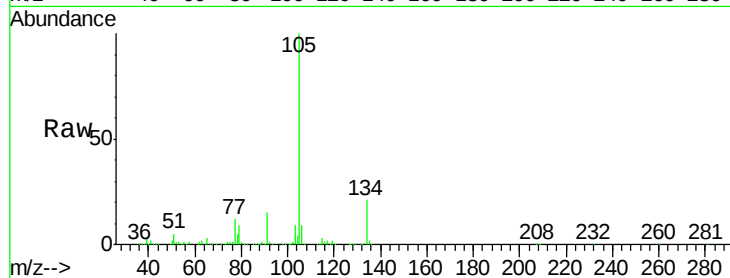
105 100

134 21.2 10.6 31.8

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

400000

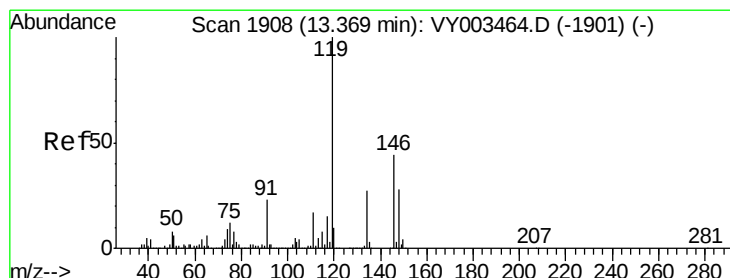
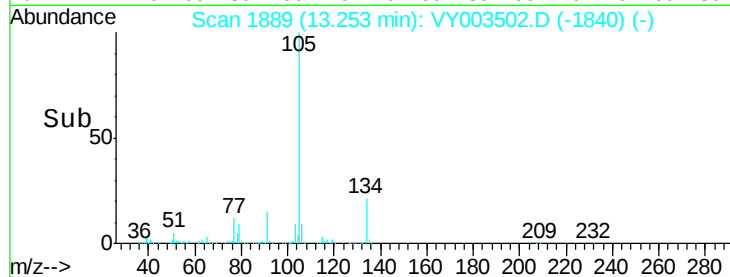
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.578 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003502.D

Acq: 03 Nov 2020 18:56

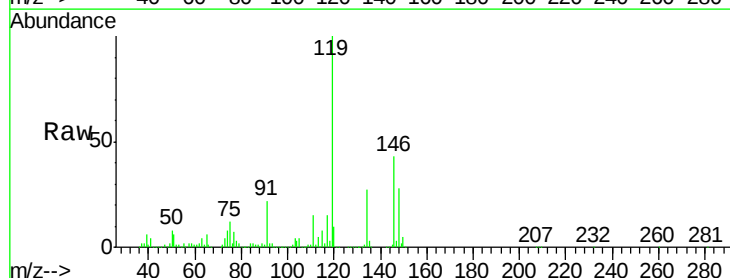
Tgt Ion:119 Resp: 482276

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 23.3 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

400000

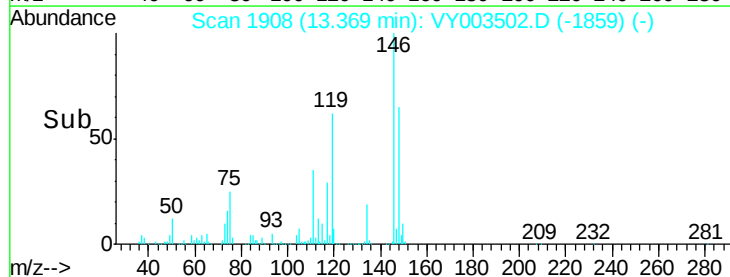
300000

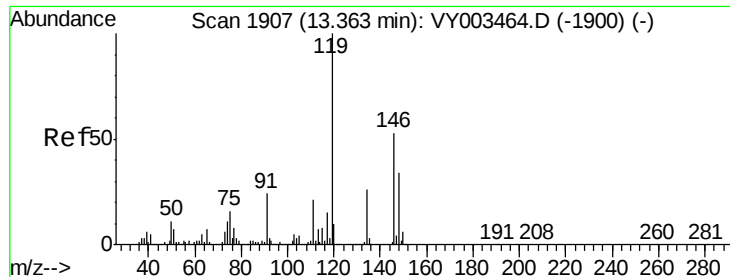
200000

100000

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Time-->





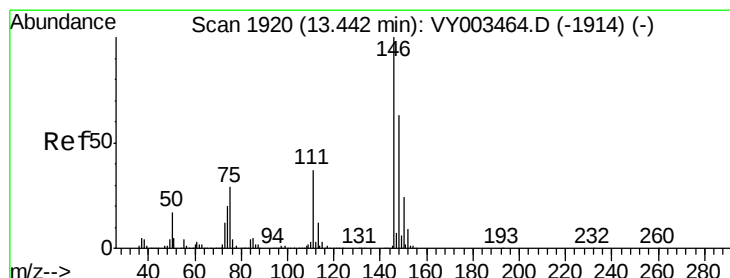
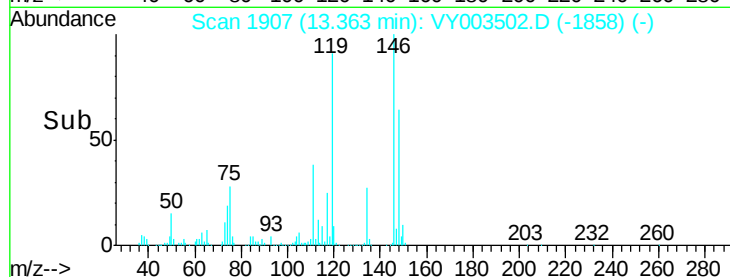
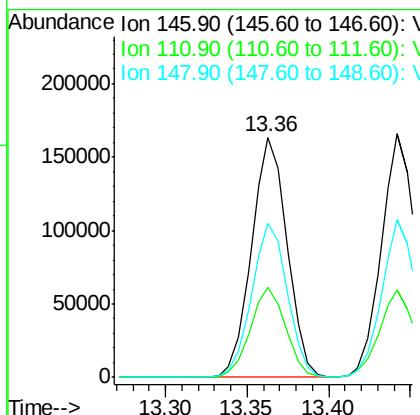
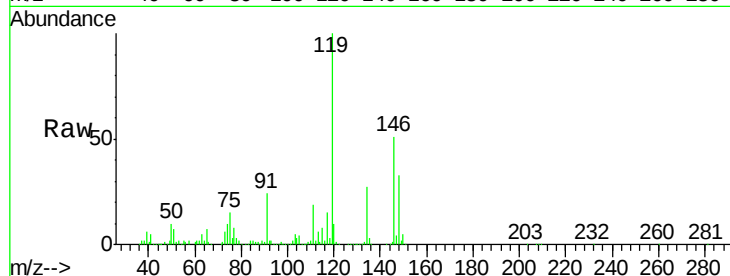
#87
 1,3-Dichlorobenzene
 Concen: 49.652 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.1
148	64.3	32.4	97.0

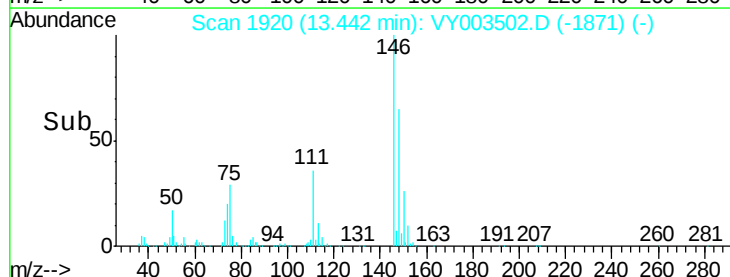
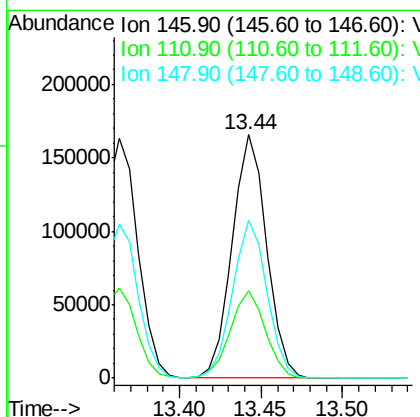
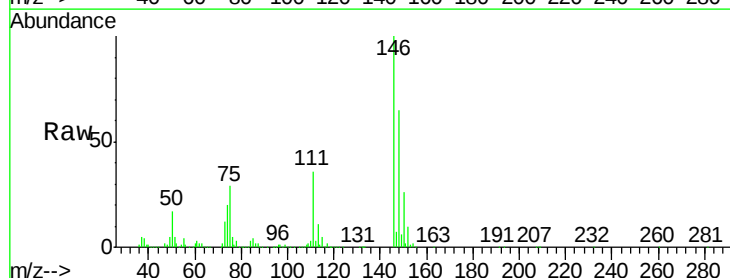
Manual Integrations
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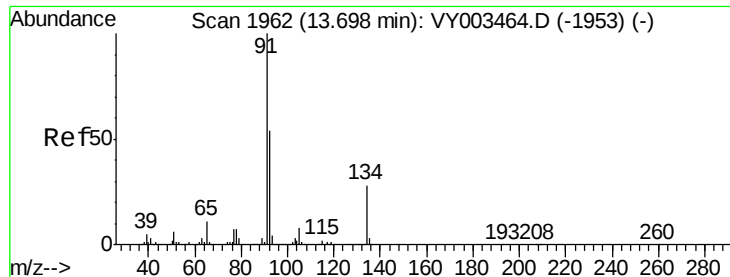
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#88
 1,4-Dichlorobenzene
 Concen: 49.266 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.3	54.8
148	64.7	32.0	96.0





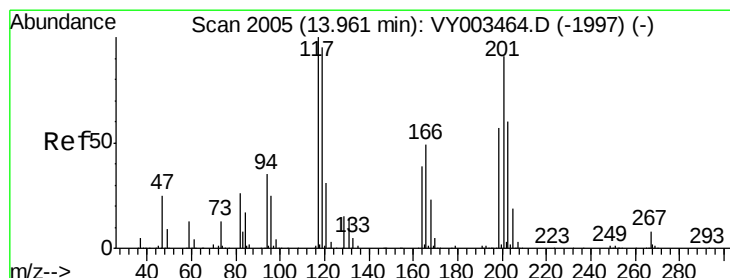
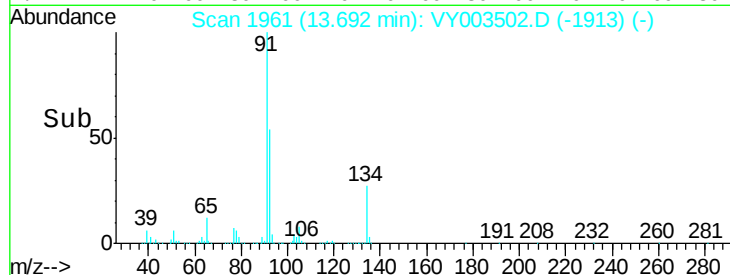
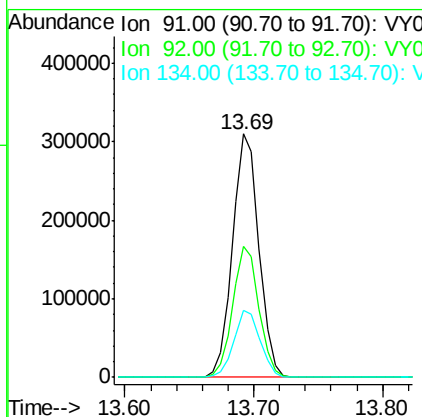
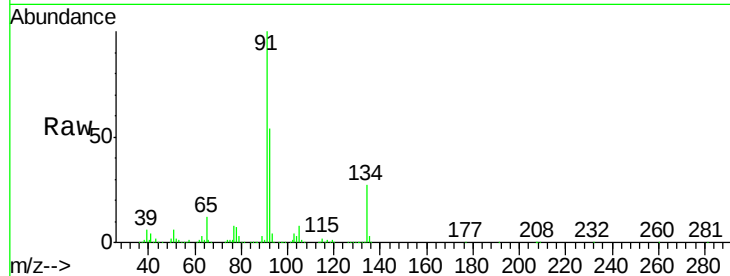
#89
n-Butylbenzene
Concen: 49.702 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.7	80.1
134	27.5	13.8	41.3

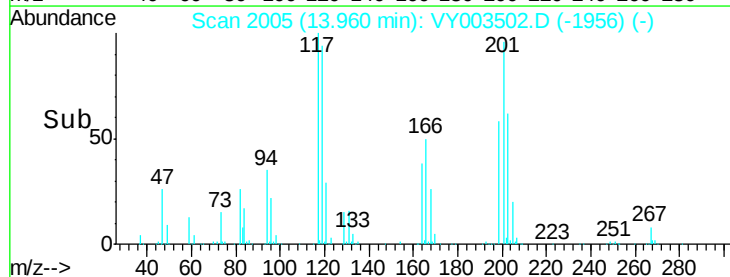
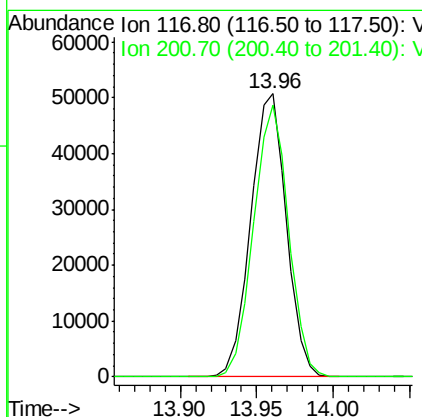
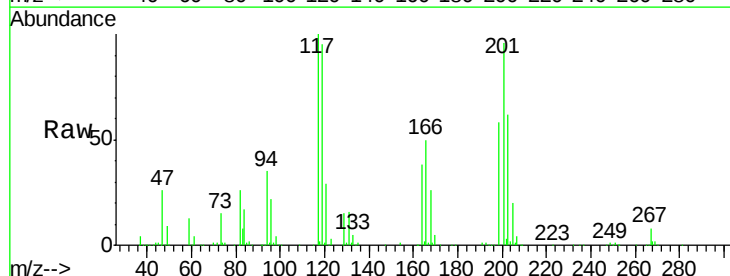
Manual Integrations
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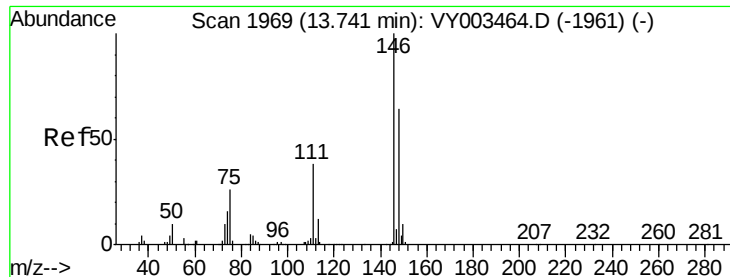
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#90
Hexachloroethane
Concen: 50.132 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.4	46.6	139.8





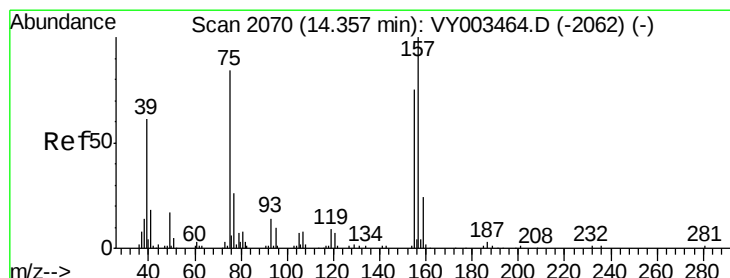
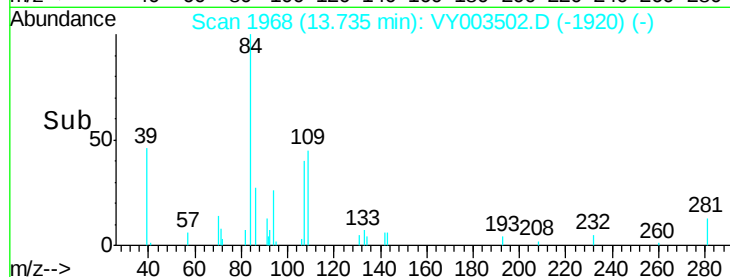
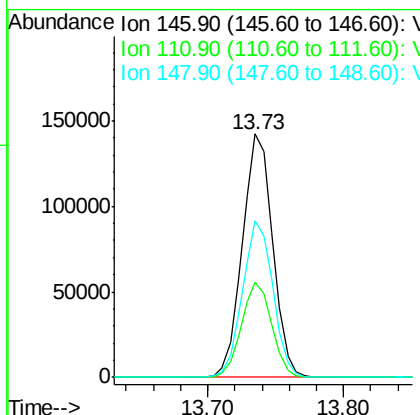
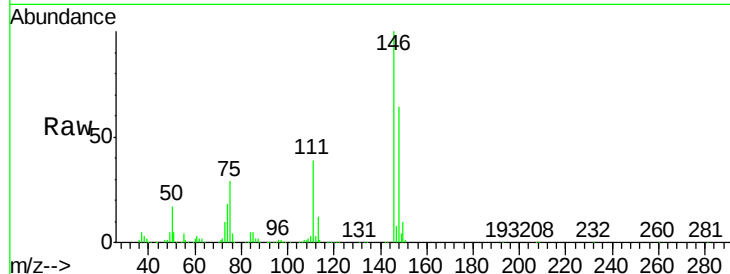
#91
 1,2-Dichlorobenzene
 Concen: 50.115 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	64.4	32.3	96.8

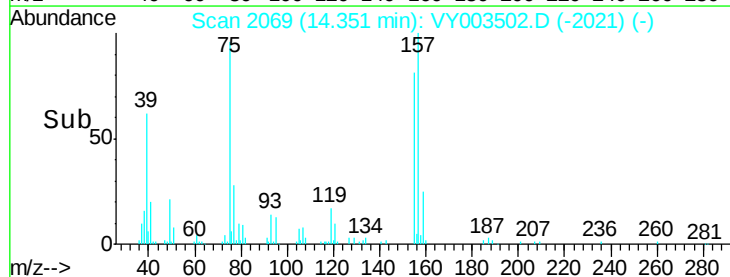
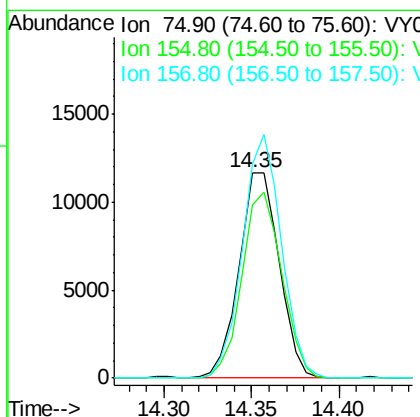
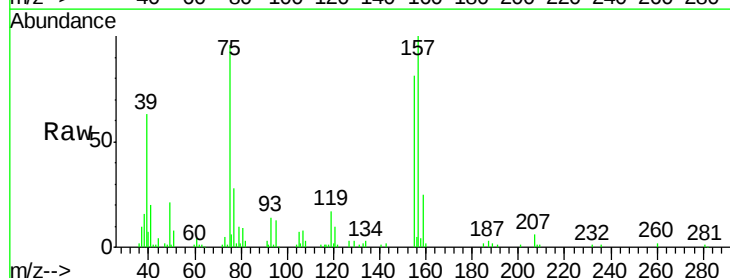
Manual Integrations
 APPROVED

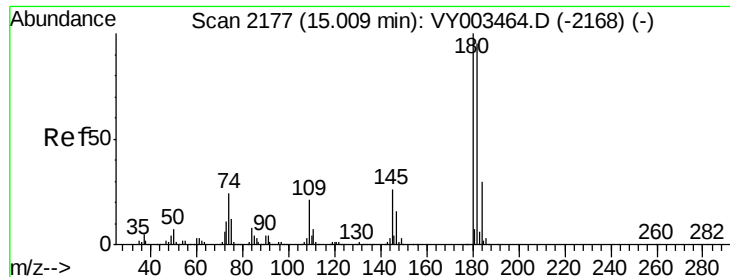
MMDadoda
 11/4/2020 11:57:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.869 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	45.6	136.7
157	114.4	60.3	180.8





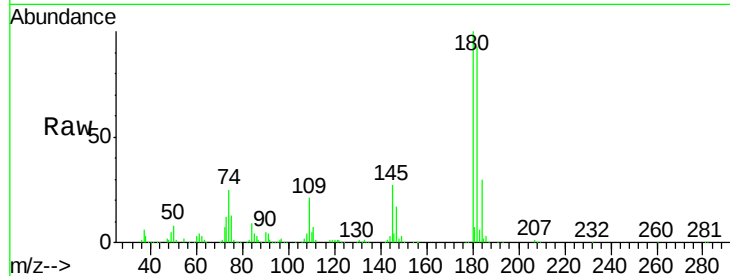
#93
 1,2,4-Trichlorobenzene
 Concen: 51.827 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

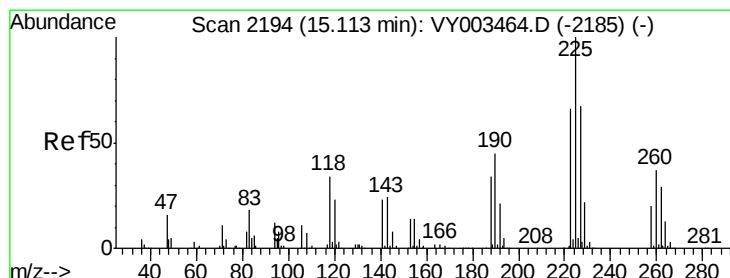
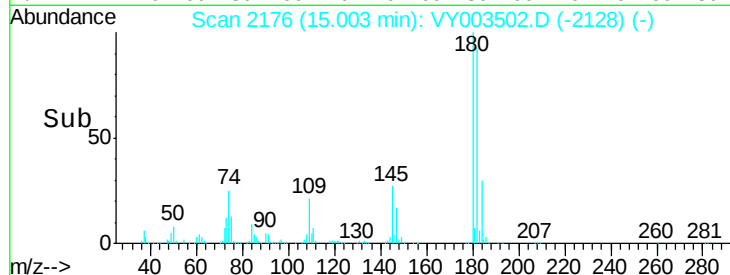
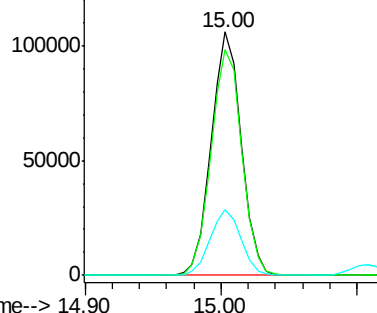
Tot Ion	Ratio	Resp	Lower	Upper
180	100	162490		
182	95.2	48.1	144.3	
145	27.6	13.8	41.3	

Manual Integrations
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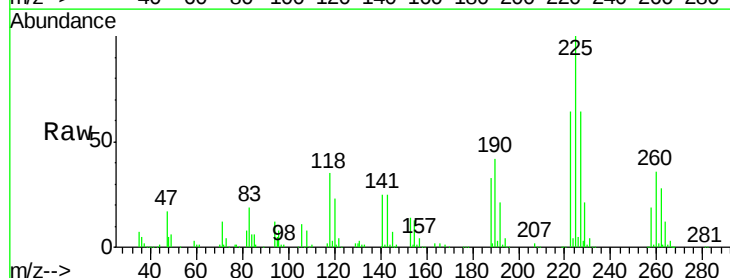


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

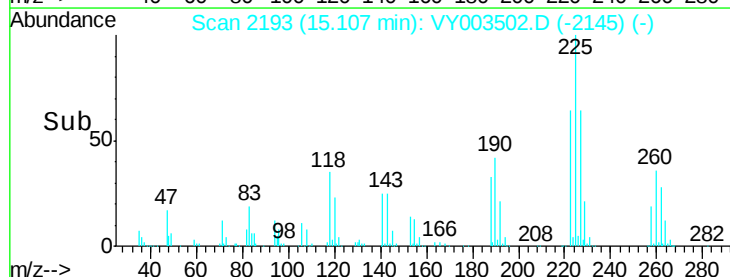
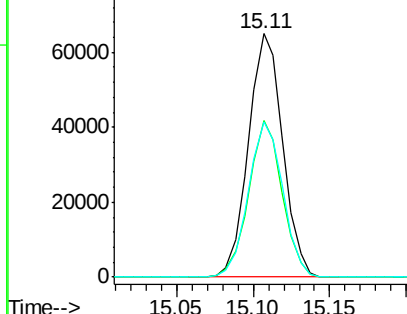


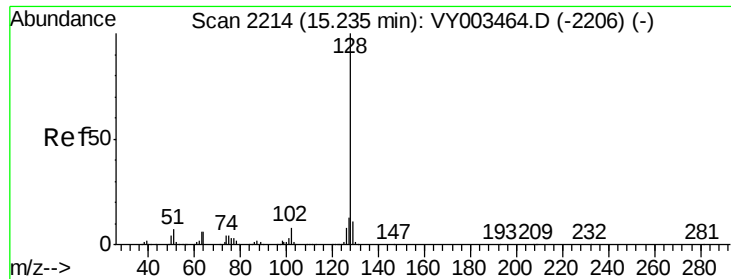
#94
 Hexachlorobutadiene
 Concen: 50.222 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003502.D
 Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101292		
223	62.6	32.1	96.3	
227	63.9	32.4	97.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





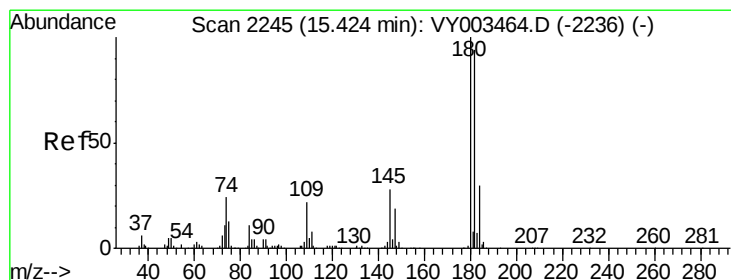
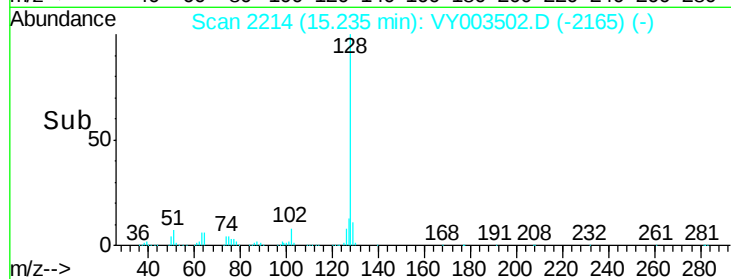
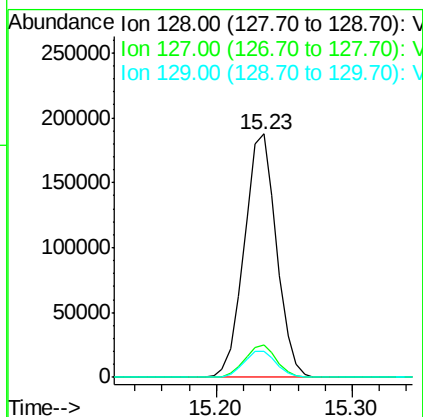
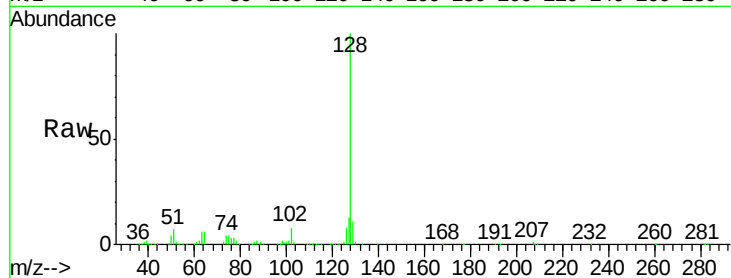
#95
Naphthalene
Concen: 49.326 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.1	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.248 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003502.D
Acq: 03 Nov 2020 18:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.9	140.7
145	28.6	14.4	43.2

