

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003455.D
 Acq On : 05 Oct 2020 15:50
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:55:39 PM

Quant Time: Oct 06 04:10:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:02:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	462649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	652304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	626077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	355286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	96672	21.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.72%	
35) Dibromofluoromethane	7.72	113	79191	20.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.24%	
50) Toluene-d8	10.18	98	336842	22.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.36%	
62) 4-Bromofluorobenzene	12.48	95	115909	22.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	81486	21.837	ug/l	97
3) Chloromethane	2.12	50	110071	21.413	ug/l	96
4) Vinyl Chloride	2.26	62	120227	23.146	ug/l	97
5) Bromomethane	2.64	94	119225	29.582	ug/l	97
6) Chloroethane	2.79	64	70132	21.524	ug/l	97
7) Trichlorofluoromethane	3.13	101	141972	20.489	ug/l	98
8) Diethyl Ether	3.54	74	46819	19.547	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	78850	19.256	ug/l	99
10) Methyl Iodide	4.10	142	27353	6.228	ug/l	99
11) Tert butyl alcohol	4.97	59	47385	100.243	ug/l	99
12) 1,1-Dichloroethene	3.88	96	75533	18.988	ug/l	98
13) Acrolein	3.74	56	46292	100.465	ug/l	100
14) Allyl chloride	4.49	41	136895	20.270	ug/l	99
15) Acrylonitrile	5.17	53	113819	95.972	ug/l	98
16) Acetone	3.95	43	112792	102.991	ug/l	97
17) Carbon Disulfide	4.19	76	247592	19.061	ug/l	100
18) Methyl Acetate	4.49	43	58332	20.387	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	203229	18.519	ug/l	100
20) Methylene Chloride	4.72	84	100079	13.789	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	92258	20.344	ug/l	96
22) Diisopropyl ether	6.13	45	262644	18.845	ug/l	99
23) Vinyl Acetate	6.07	43	957248	103.103	ug/l	100
24) 1,1-Dichloroethane	6.03	63	158326	20.006	ug/l	99
25) 2-Butanone	6.99	43	170895	103.477	ug/l	100
26) 2,2-Dichloropropane	6.99	77	143227	20.260	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	99978	20.046	ug/l	99
28) Bromochloromethane	7.34	49	76502	23.593	ug/l	98
29) Tetrahydrofuran	7.35	42	102806	97.143	ug/l	99
30) Chloroform	7.51	83	162681	20.642	ug/l	98
31) Cyclohexane	7.78	56	136895	18.067	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	147479	20.485	ug/l	99
36) 1,1-Dichloropropene	7.92	75	127643	20.861	ug/l	100
37) Ethyl Acetate	7.08	43	76277	21.722	ug/l	99
38) Carbon Tetrachloride	7.91	117	136418	21.594	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	139932	18.977	ug/l	98
40) Benzene	8.16	78	361155	21.163	ug/l	99
41) Methacrylonitrile	7.32	41	32760m	16.721	ug/l	
42) 1,2-Dichloroethane	8.24	62	117098	22.341	ug/l	100
43) Isopropyl Acetate	8.28	43	143153	21.571	ug/l	99
44) Trichloroethene	8.94	130	106278	21.613	ug/l	97
45) 1,2-Dichloropropane	9.22	63	91904	20.671	ug/l	99
46) Dibromomethane	9.31	93	52511	20.957	ug/l	99
47) Bromodichloromethane	9.50	83	128336	21.304	ug/l	98
48) Methyl methacrylate	9.29	41	67363	22.271	ug/l	99
49) 1,4-Dioxane	9.30	88	12576	393.146	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	384707	110.217	ug/l	100
52) Toluene	10.24	92	232840	21.677	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	137808	21.406	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	152079	20.934	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	75736	21.573	ug/l	97
56) Ethyl methacrylate	10.51	69	100759	20.745	ug/l	100
57) 1,3-Dichloropropane	10.79	76	131280	21.459	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	270071	117.320	ug/l	100
59) 2-Hexanone	10.83	43	270628	111.051	ug/l	99
60) Dibromochloromethane	10.99	129	95608	21.628	ug/l	98
61) 1,2-Dibromoethane	11.09	107	72516	21.257	ug/l	99
64) Tetrachloroethene	10.72	164	116288	22.084	ug/l	97
65) Chlorobenzene	11.52	112	259702	21.255	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	97490	20.521	ug/l	99
67) Ethyl Benzene	11.59	91	461247	20.944	ug/l	99
68) m/p-Xylenes	11.70	106	352150	42.320	ug/l	100
69) o-Xylene	12.03	106	165101	21.217	ug/l	99
70) Styrene	12.04	104	283259	21.241	ug/l	100
71) Bromoform	12.20	173	66279	21.399	ug/l #	100
73) Isopropylbenzene	12.33	105	456660	20.120	ug/l	99
74) N-amyl acetate	12.14	43	131365	19.700	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	88977	19.880	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	61747m	19.516	ug/l	
77) Bromobenzene	12.61	156	120647	20.824	ug/l	98
78) n-propylbenzene	12.67	91	541432	19.985	ug/l	99
79) 2-Chlorotoluene	12.75	91	306354	20.306	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	392682	20.518	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	33626	20.107	ug/l	97
82) 4-Chlorotoluene	12.85	91	326312	20.802	ug/l	98
83) tert-Butylbenzene	13.07	119	340026	20.501	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	399684	20.806	ug/l	100
85) sec-Butylbenzene	13.25	105	469459	20.358	ug/l	99
86) p-Isopropyltoluene	13.37	119	452532	20.899	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	232390	20.947	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	231103	21.159	ug/l	99
89) n-Butylbenzene	13.69	91	413554	20.366	ug/l	100
90) Hexachloroethane	13.96	117	70319	17.498	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	210176	21.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17055	23.051	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	156906	22.434	ug/l	99
94) Hexachlorobutadiene	15.11	225	104472	22.647	ug/l	99
95) Naphthalene	15.23	128	276195	23.089	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	137652	24.066	ug/l	99

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

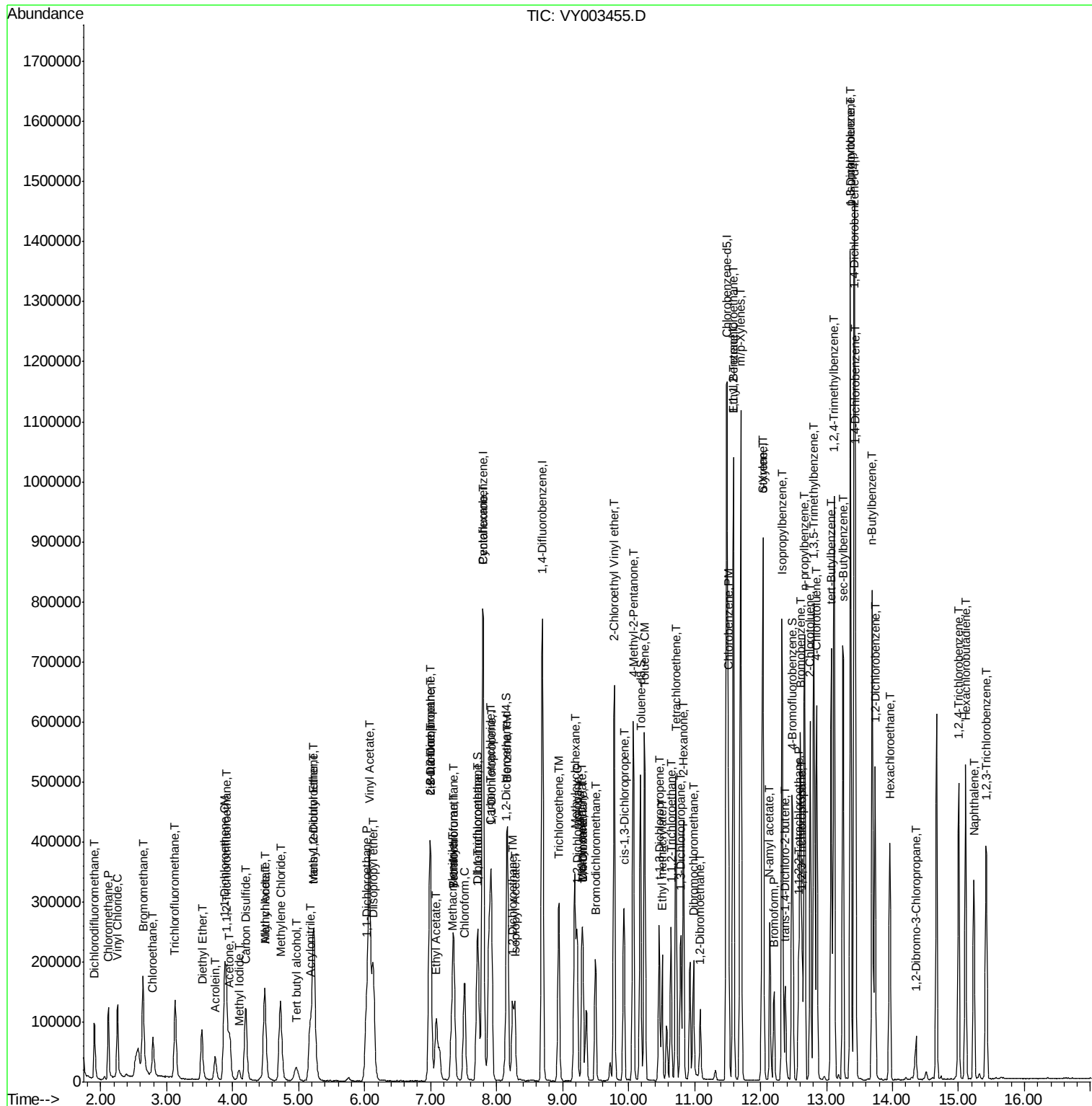
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
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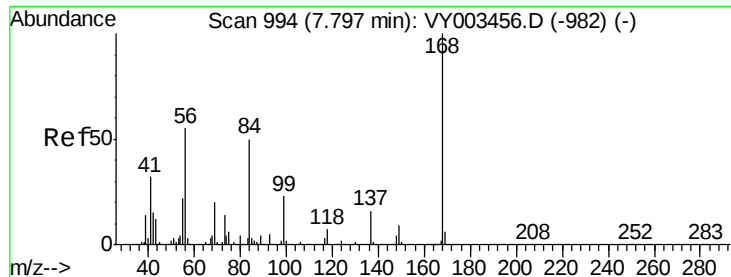
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 462649

Ion Ratio Lower Upper

168 100

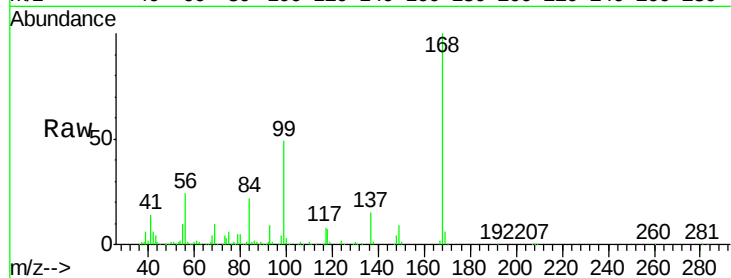
99 48.6 40.4 60.6

Manual Integrations

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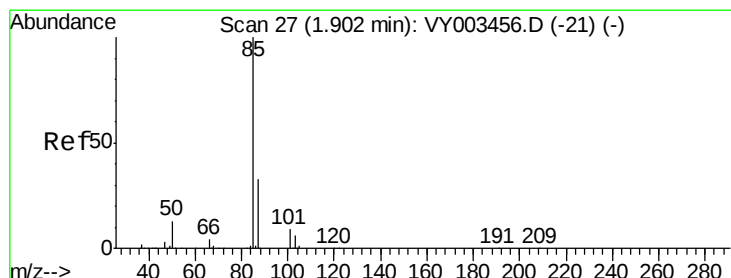
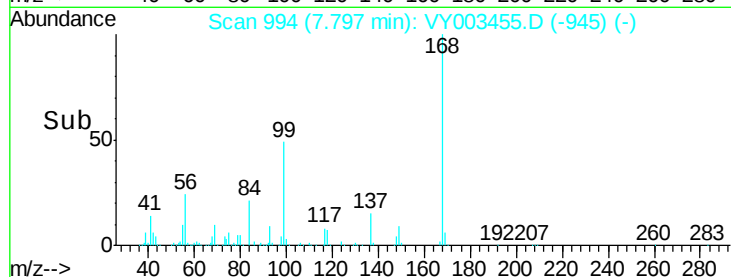
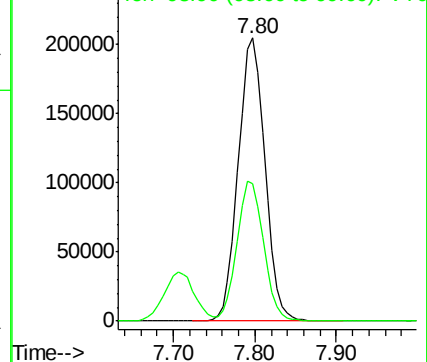
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 21.837 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003455.D

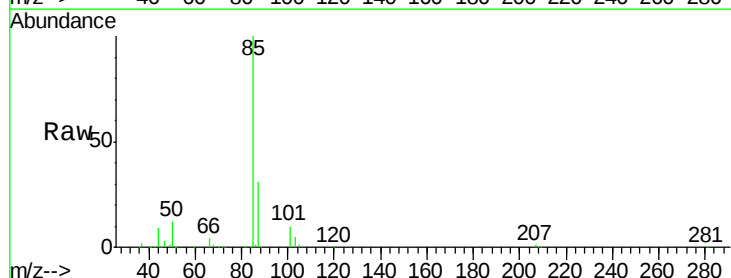
Acq: 05 Oct 2020 15:50

Tgt Ion: 85 Resp: 81486

Ion Ratio Lower Upper

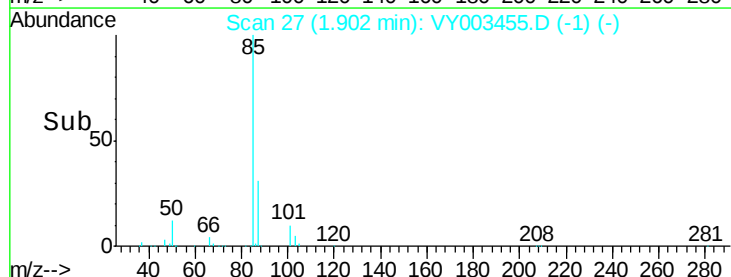
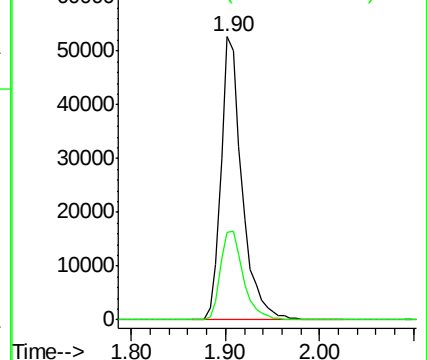
85 100

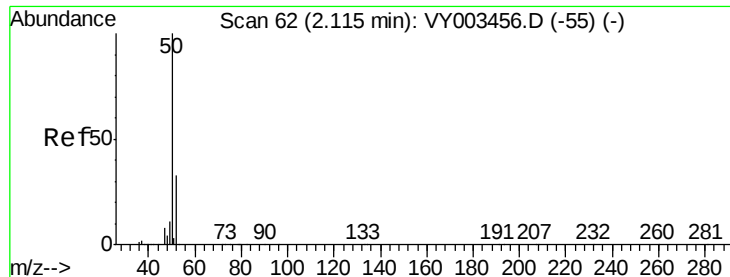
87 31.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 21.413 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 110071

Ion Ratio Lower Upper

50 100

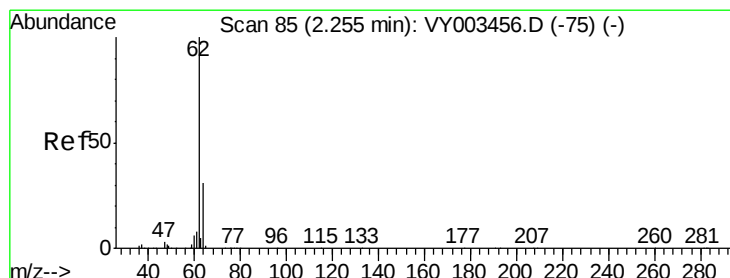
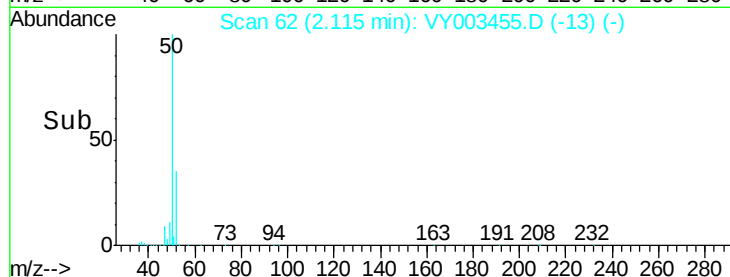
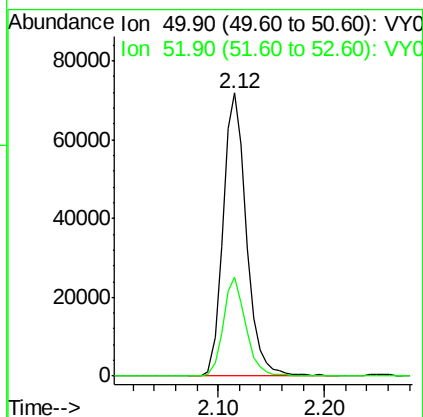
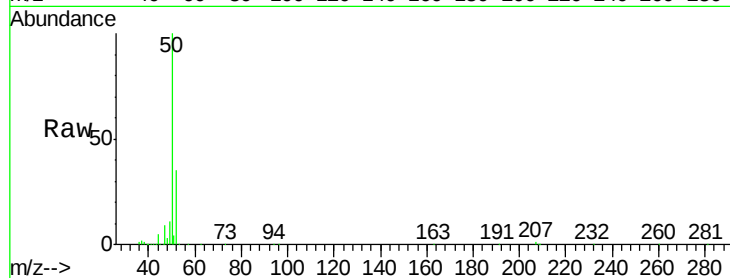
52 35.1 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.146 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003455.D

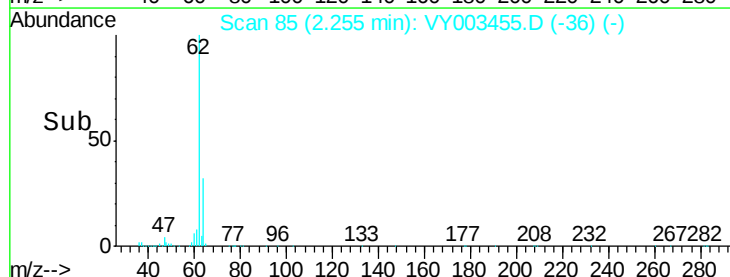
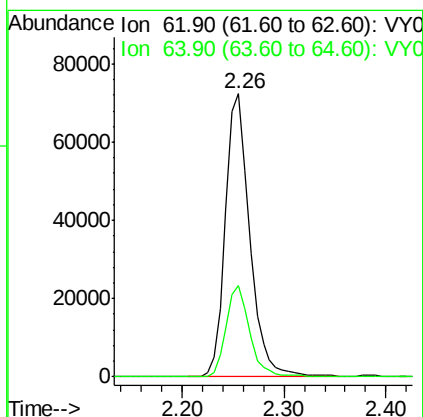
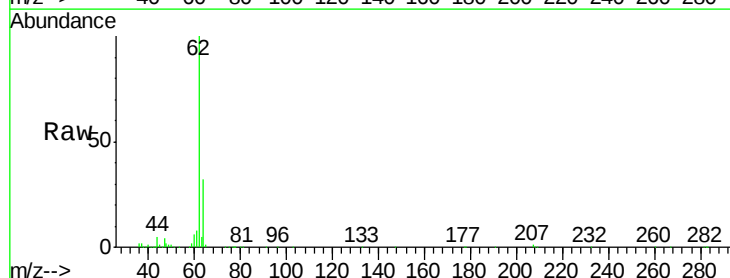
Acq: 05 Oct 2020 15:50

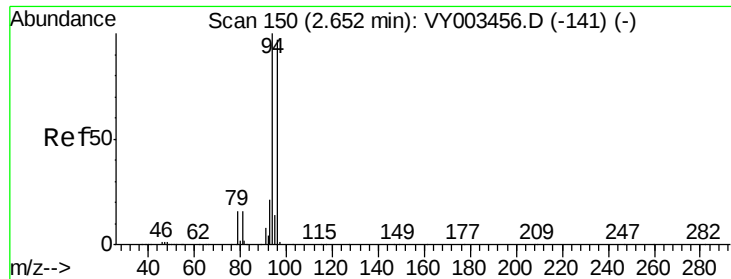
Tgt Ion: 62 Resp: 120227

Ion Ratio Lower Upper

62 100

64 32.2 24.6 36.8





#5

Bromomethane

Concen: 29.582 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 119225

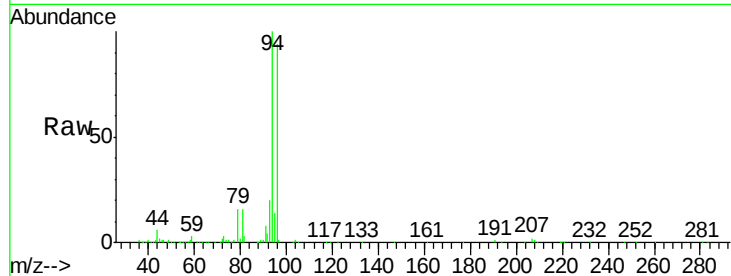
Ion Ratio Lower Upper

94 100

96 93.9 77.4 116.2

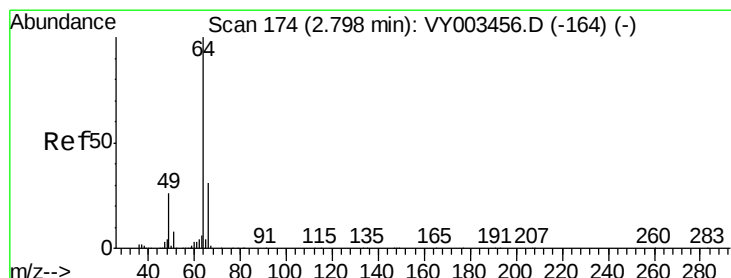
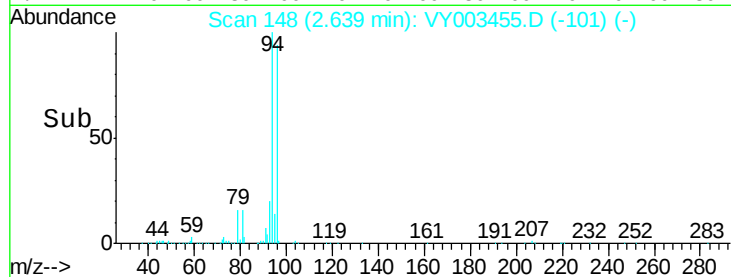
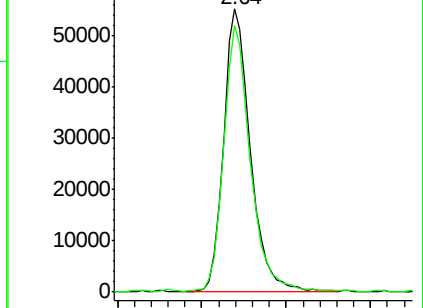
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.524 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003455.D

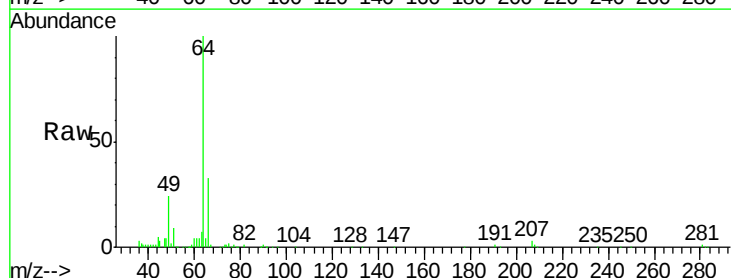
Acq: 05 Oct 2020 15:50

Tgt Ion: 64 Resp: 70132

Ion Ratio Lower Upper

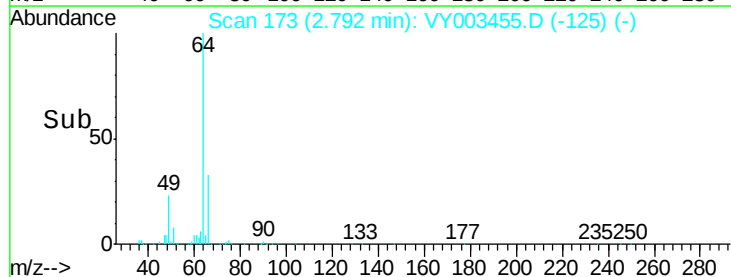
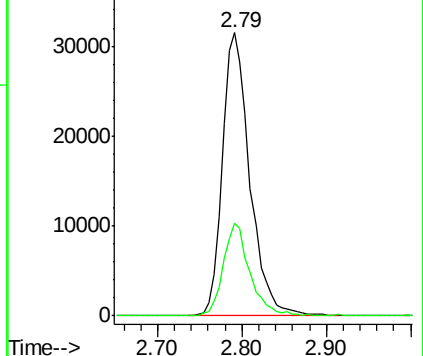
64 100

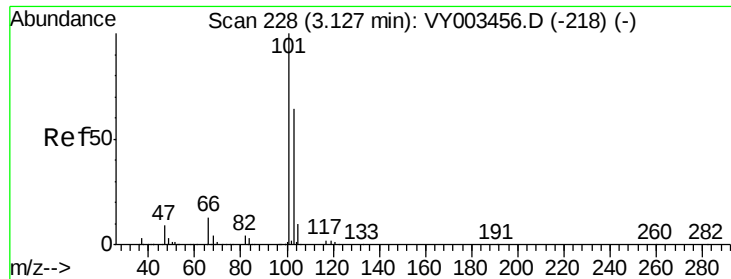
66 32.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

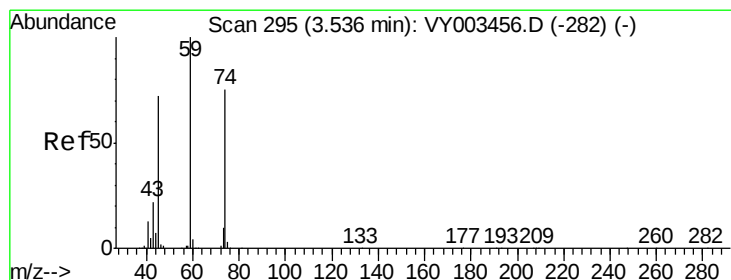
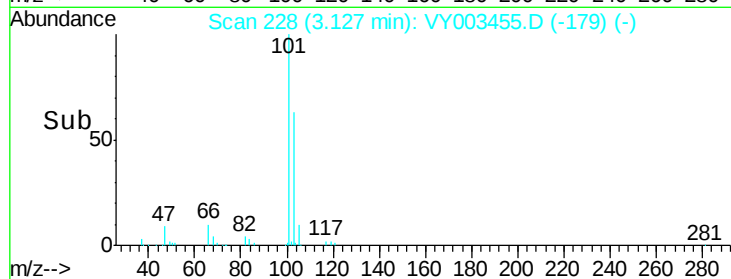
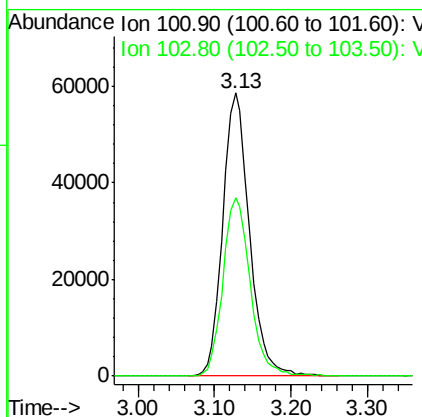
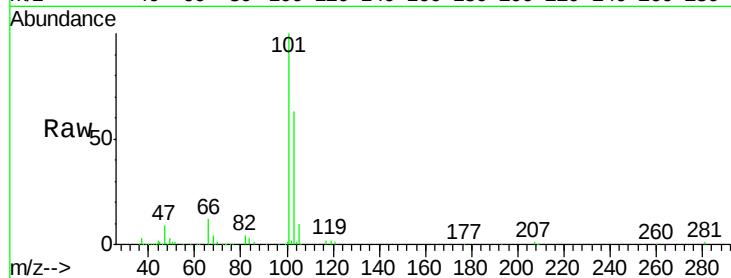
Trichlorofluoromethane
 Concen: 20.489 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003455.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.6	77.4

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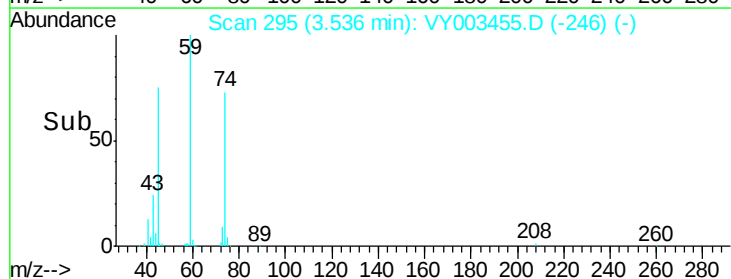
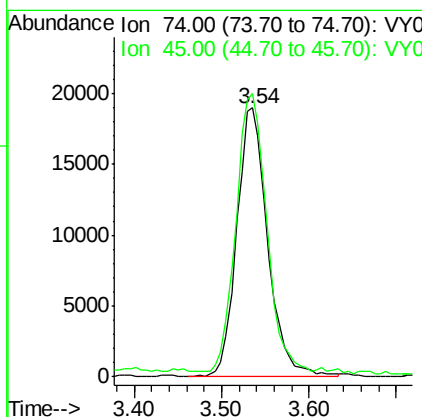
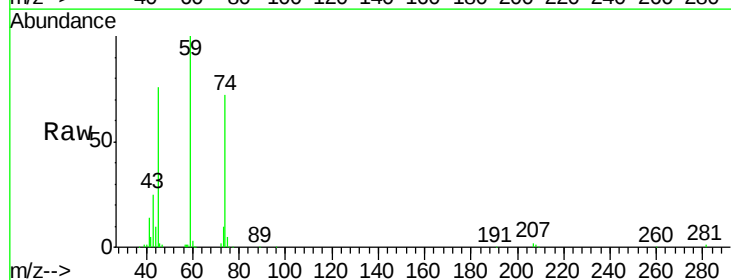
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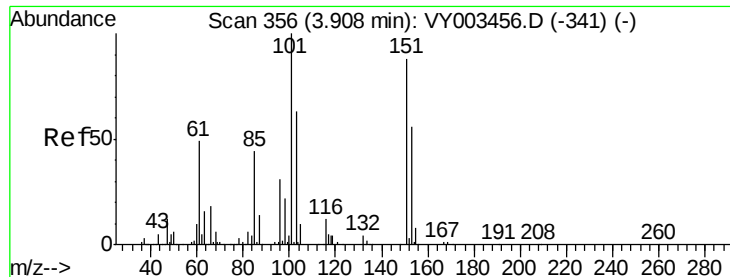


#8

Diethyl Ether
 Concen: 19.547 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.256 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

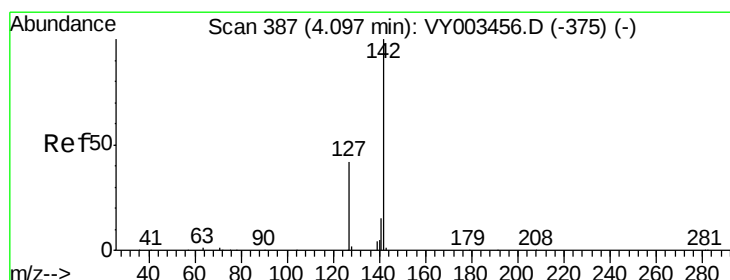
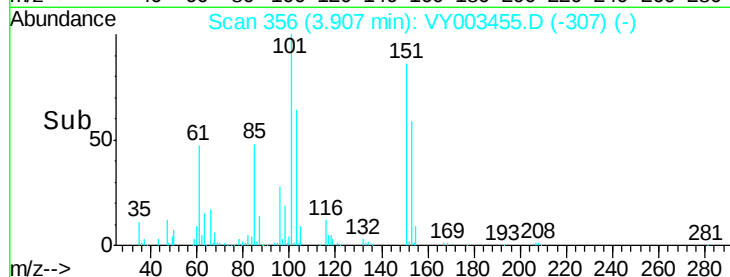
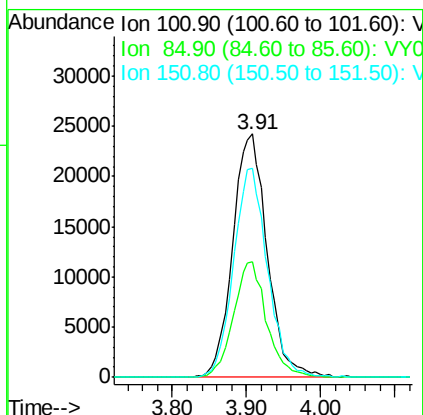
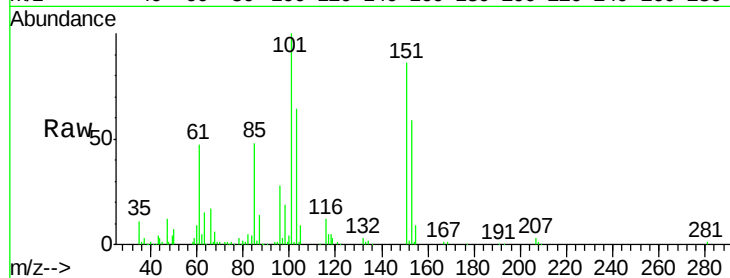
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	78850
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.5	53.3
151	84.7	67.9	101.9

Manual Integrations
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#10

Methyl Iodide

Concen: 6.228 ug/l

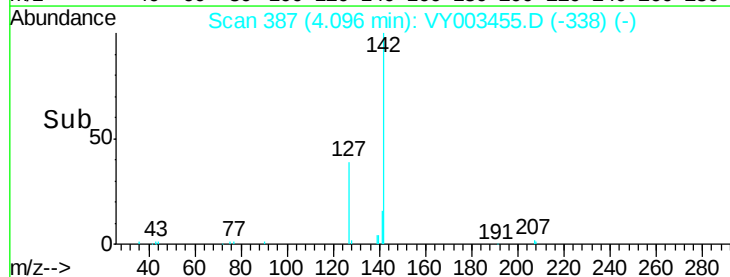
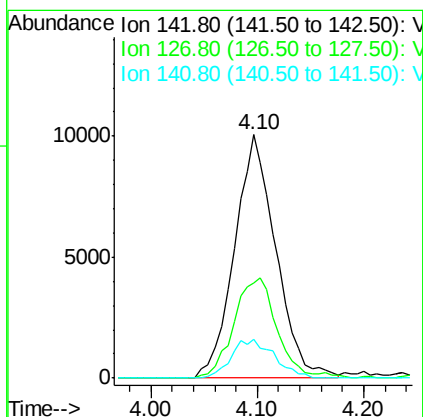
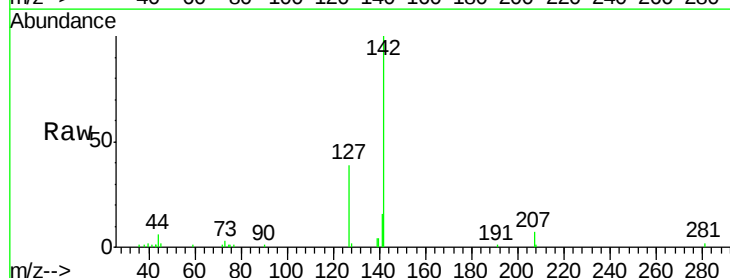
RT: 4.10 min Scan# 387

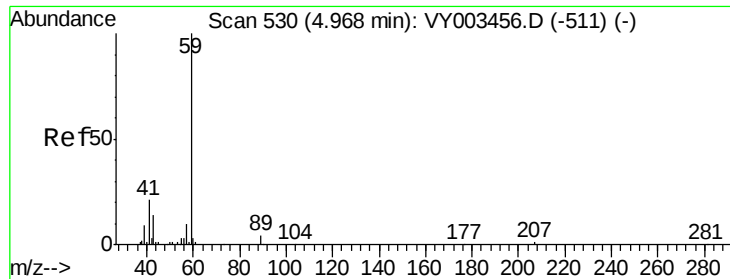
Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Tgt Ion:	142	Resp:	27353
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.9	52.3
141	16.4	11.9	17.9





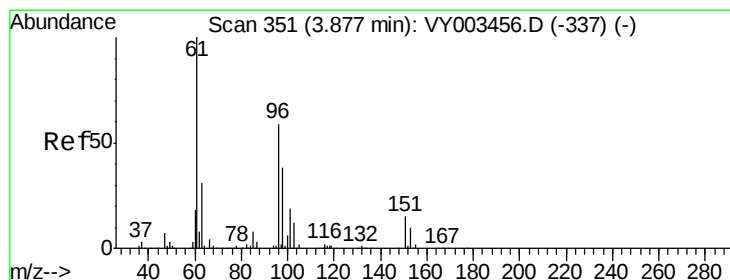
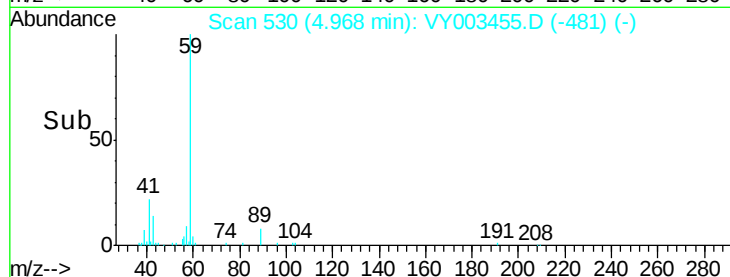
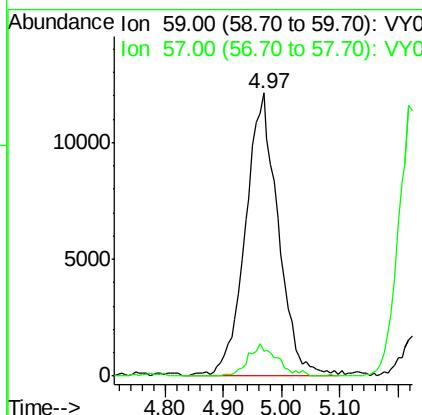
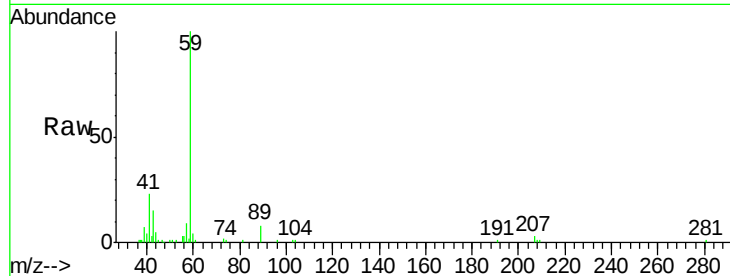
#11
Tert butyl alcohol
Concen: 100.243 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

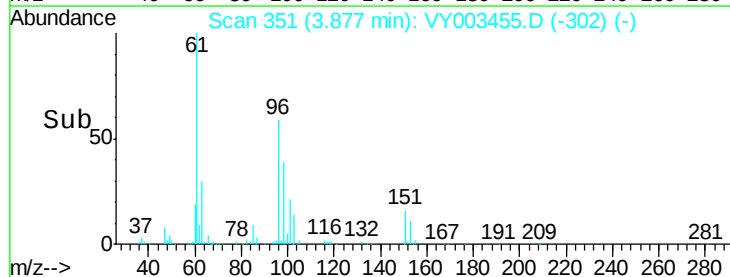
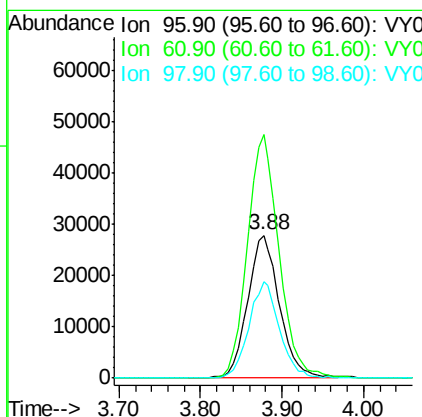
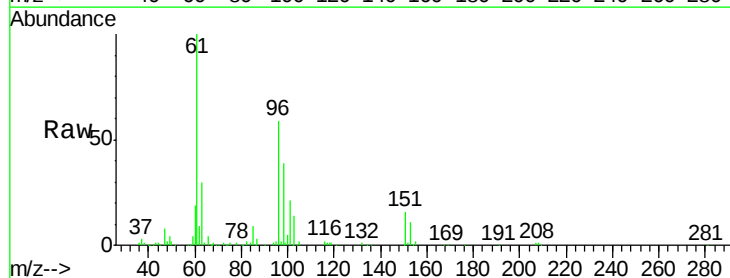
Manual Integrations
APPROVED

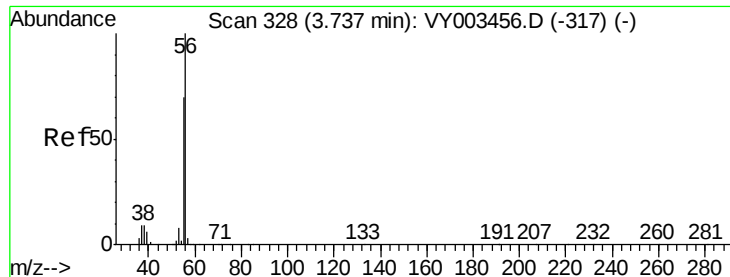
MMDadoda
10/6/2020 12:55:39 PM



#12
1,1-Dichloroethene
Concen: 18.988 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.1	134.6	202.0
98	67.2	51.1	76.7





#13

Acrolein

Concen: 100.465 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 46292

Ion Ratio Lower Upper

56 100

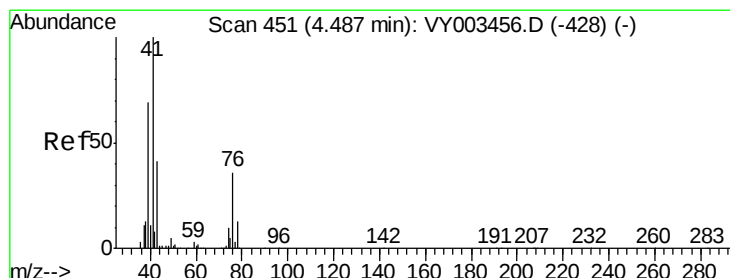
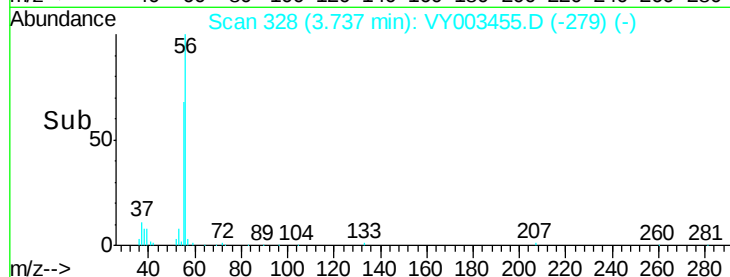
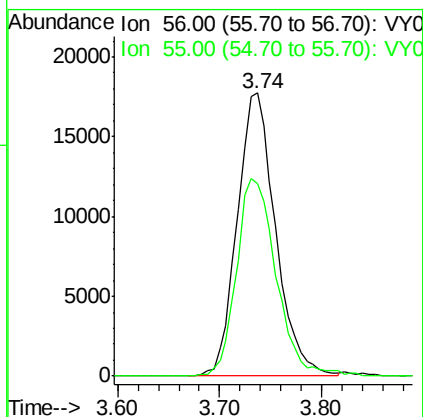
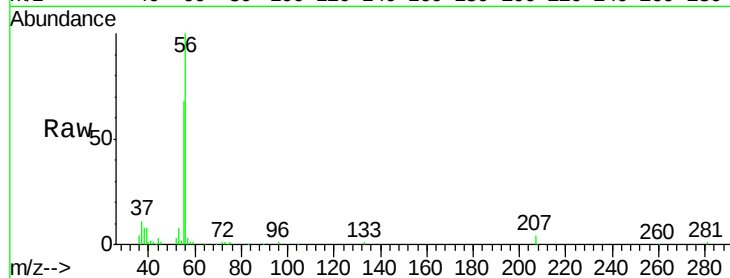
55 72.4 57.9 86.9

Manual Integrations

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#14

Allyl chloride

Concen: 20.270 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

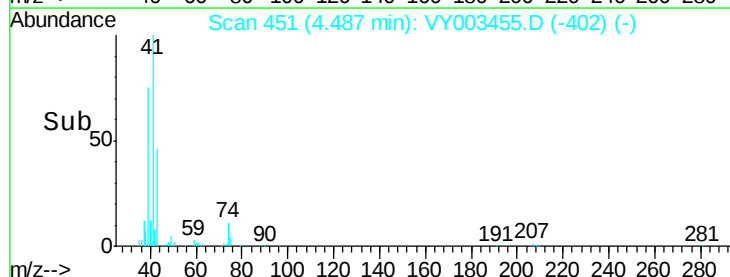
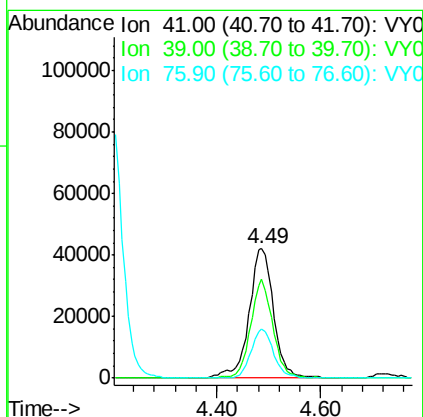
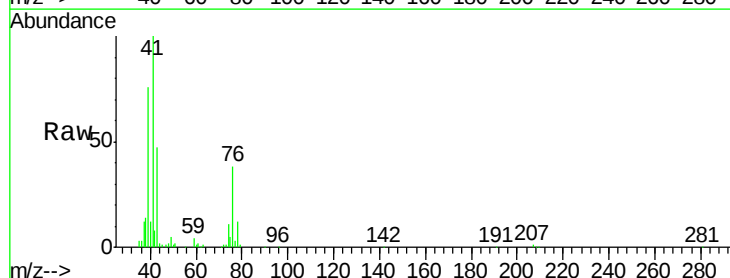
Tgt Ion: 41 Resp: 136895

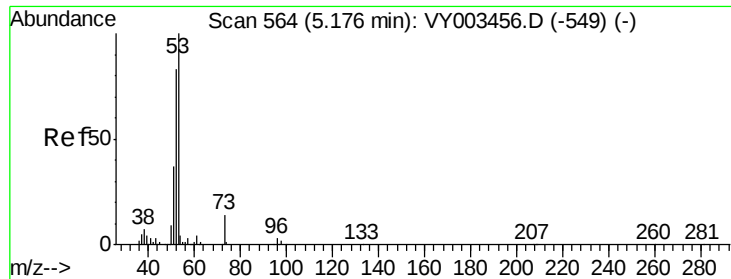
Ion Ratio Lower Upper

41 100

39 69.0 54.6 82.0

76 34.6 27.5 41.3





#15

Acrylonitrile

Concen: 95.972 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

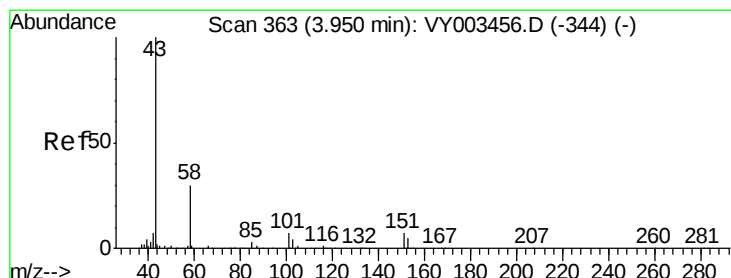
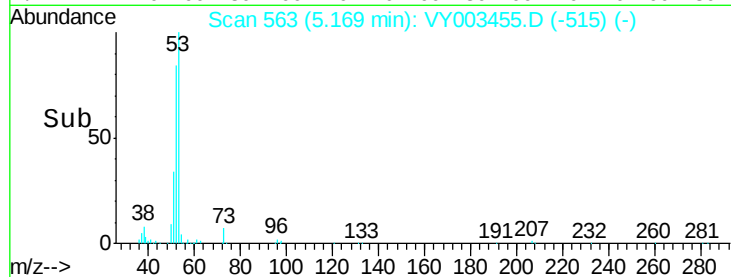
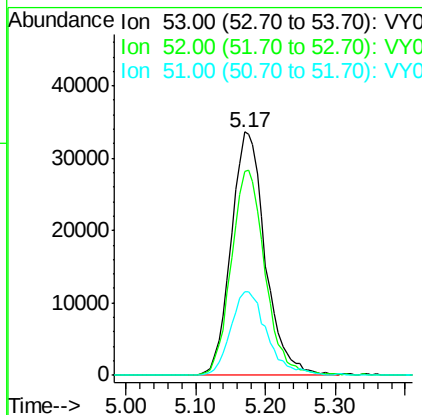
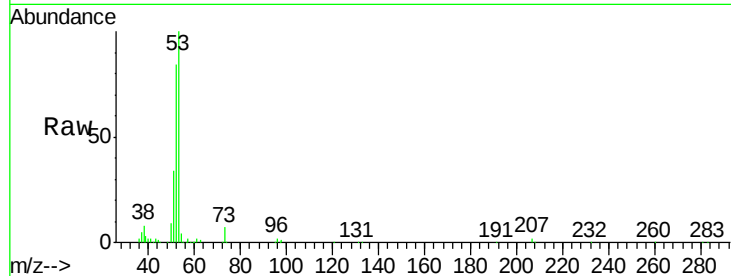
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	113819
Ion Ratio	Lower	Upper	
53	100		
52	83.3	67.8	101.8
51	36.7	30.1	45.1

Manual Integrations
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10/6/2020 12:55:39 PM



#16

Acetone

Concen: 102.991 ug/l

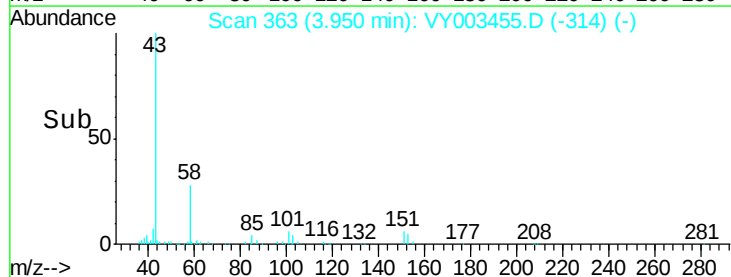
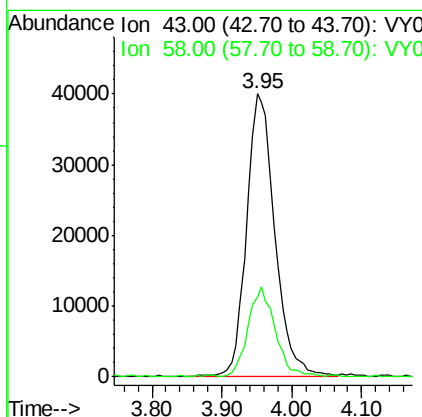
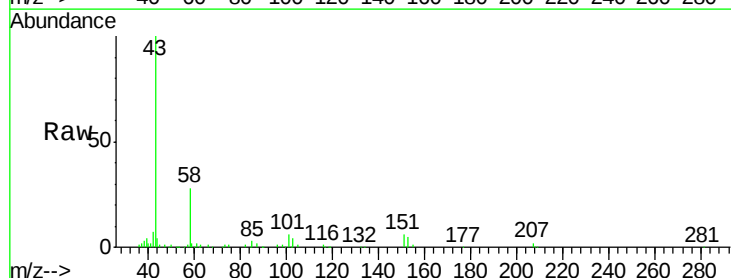
RT: 3.95 min Scan# 363

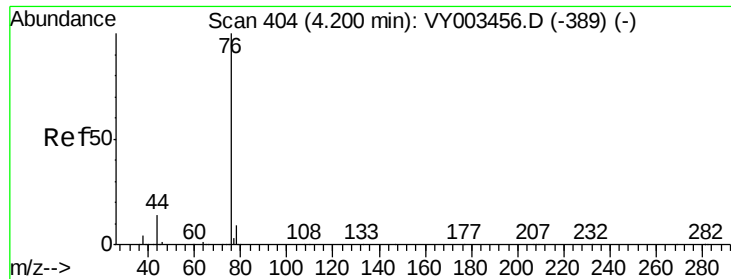
Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Tgt Ion:	43	Resp:	112792
Ion Ratio	Lower	Upper	
43	100		
58	27.9	23.8	35.8





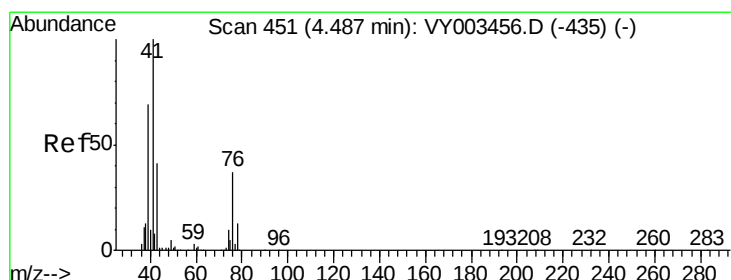
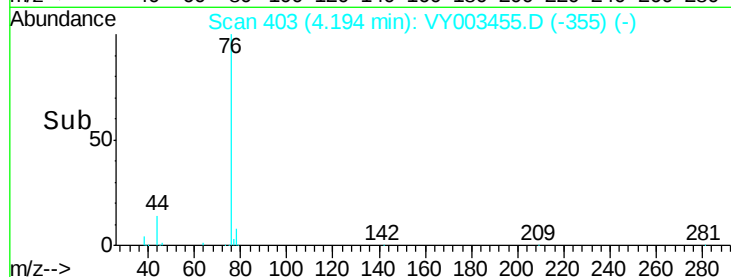
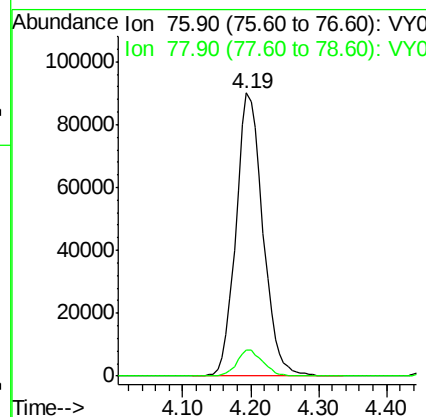
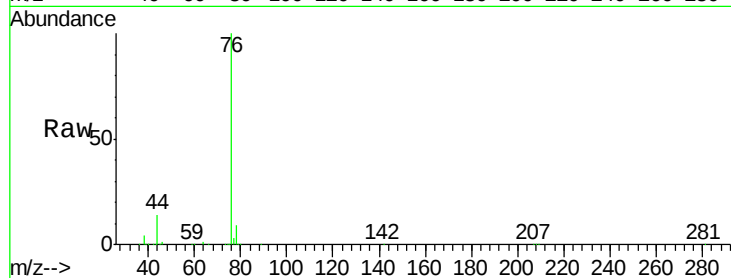
#17
Carbon Disulfide
Concen: 19.061 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

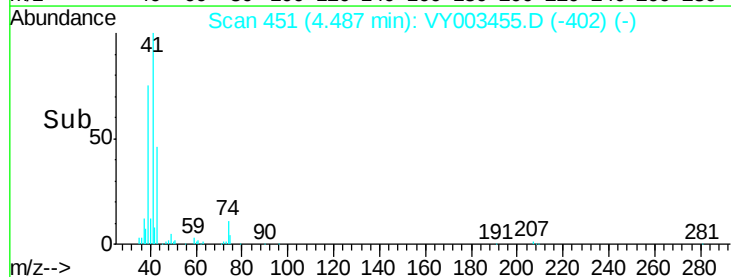
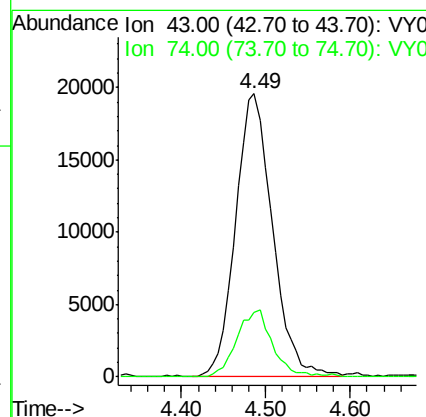
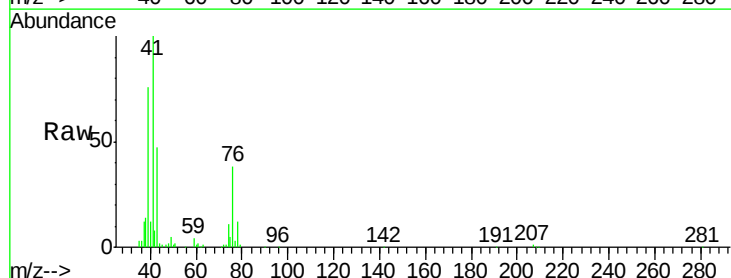
Manual Integrations
APPROVED

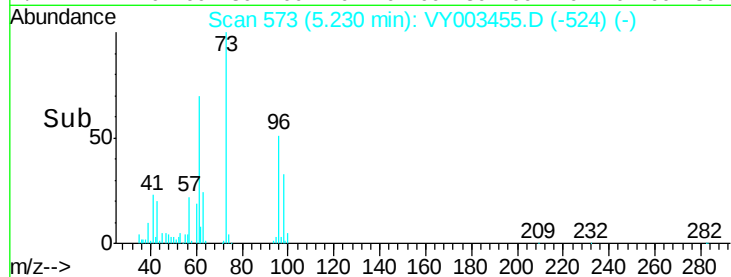
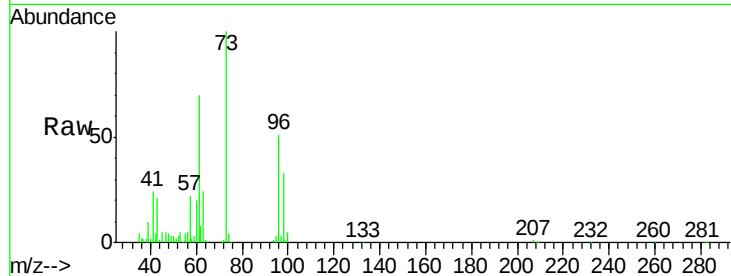
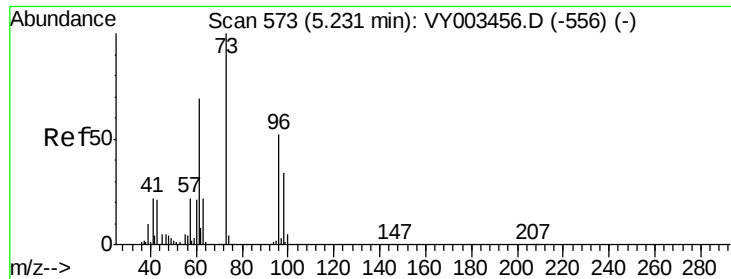
MMDadoda
10/6/2020 12:55:39 PM



#18
Methyl Acetate
Concen: 20.387 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.0	27.0





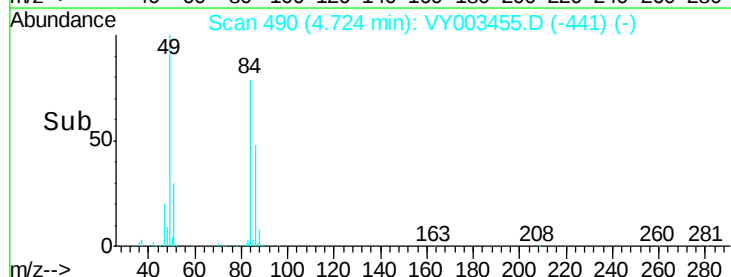
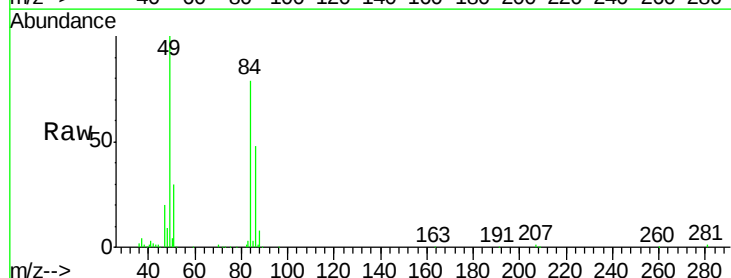
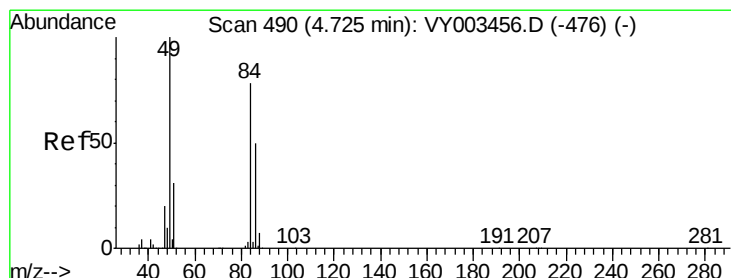
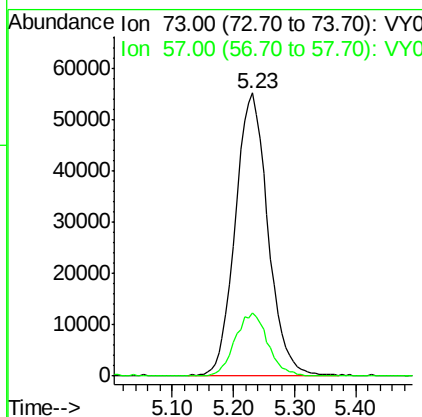
#19
Methvl tert-butvl Ether
Concen: 18.519 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.9	26.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

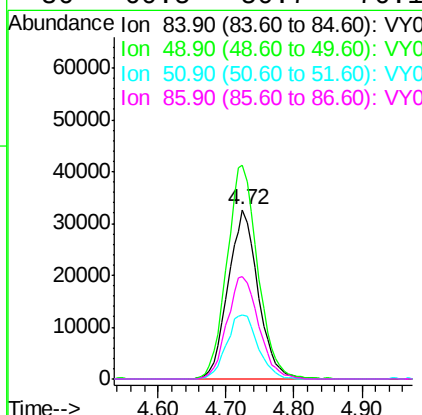
Manual Integrations
APPROVED

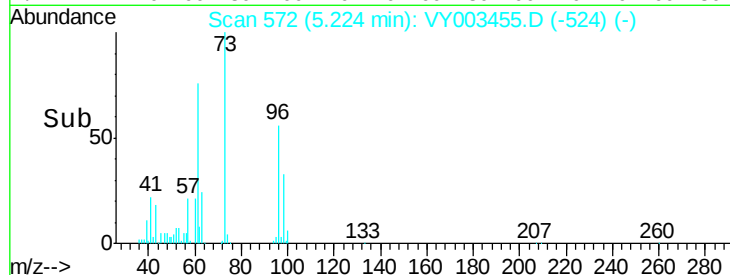
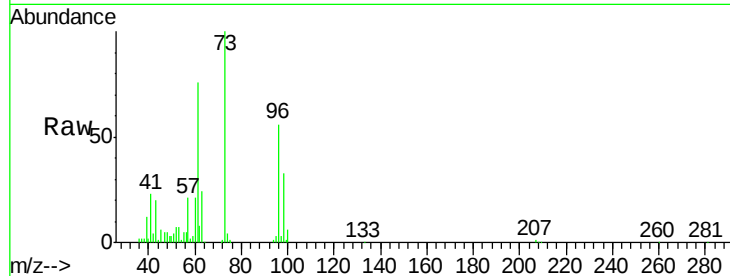
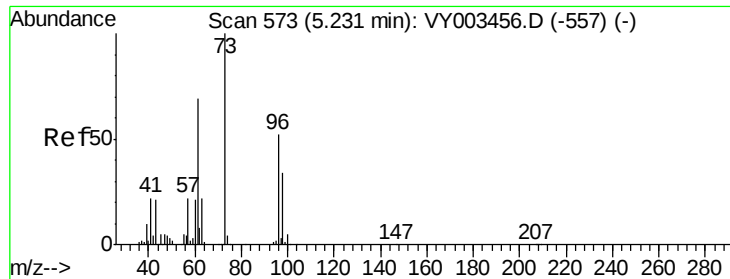
MMDadoda
10/6/2020 12:55:39 PM



#20
Methylene Chloride
Concen: 13.789 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.3	102.2	153.2
51	37.7	32.0	48.0
86	60.5	50.7	76.1





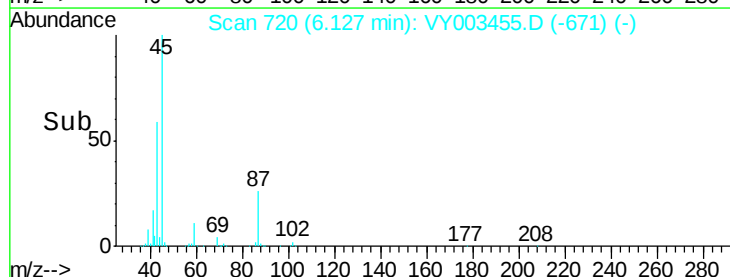
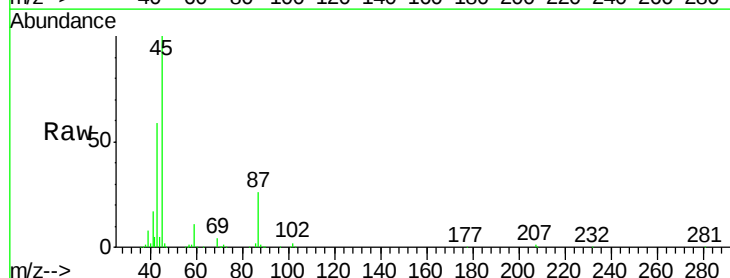
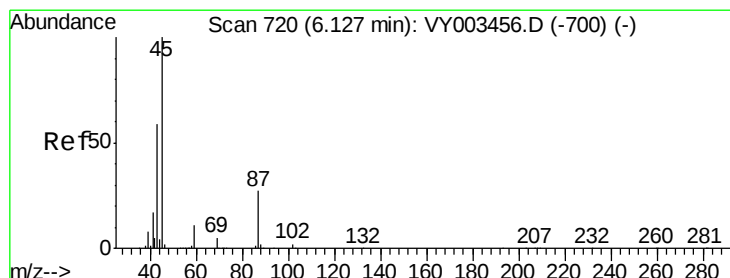
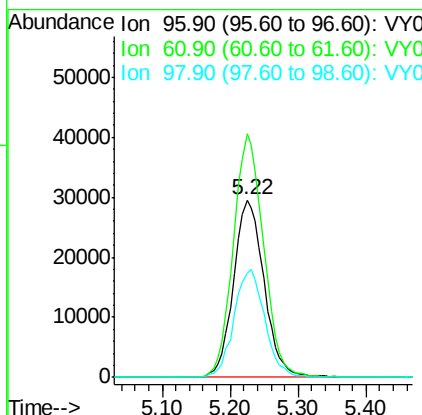
#21
trans-1,2-Dichloroethene
Concen: 20.344 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.5	107.6	161.4
98	58.8	52.1	78.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

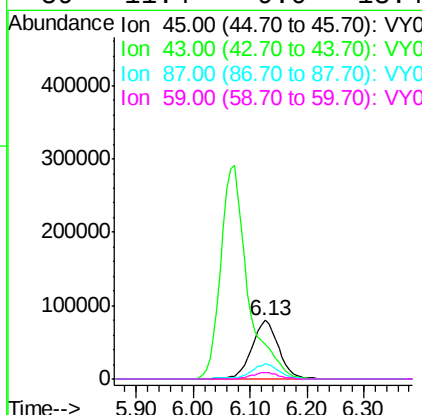
Manual Integrations
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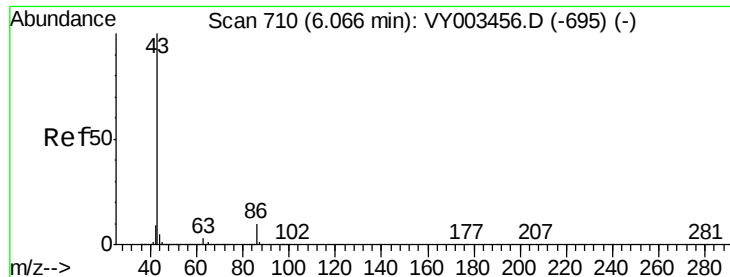
MMDadoda
10/6/2020 12:55:39 PM



#22
Diisopropyl ether
Concen: 18.845 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.2	47.5	71.3
87	25.6	22.2	33.2
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 103.103 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 957248

Ion Ratio Lower Upper

43 100

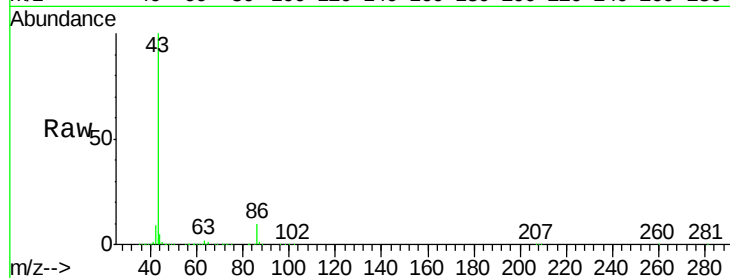
86 9.9 8.1 12.1

Manual Integrations

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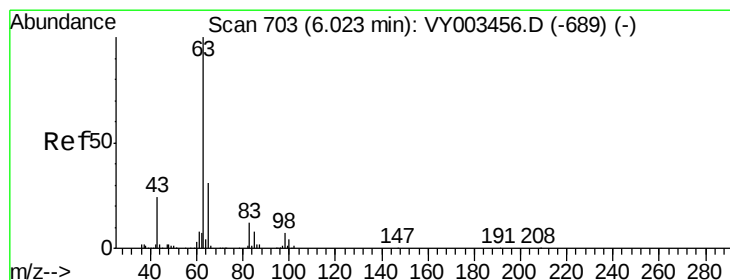
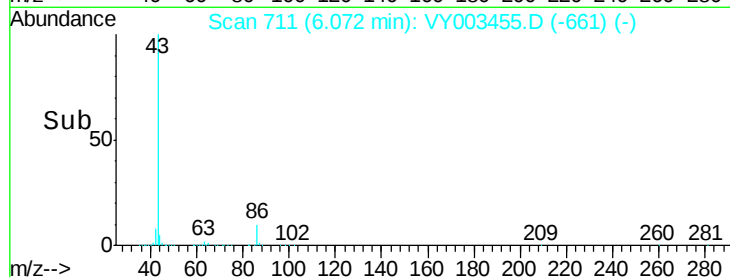
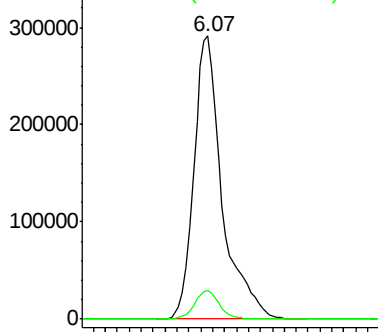
MMDadoda

10/6/2020 12:55:39 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.006 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

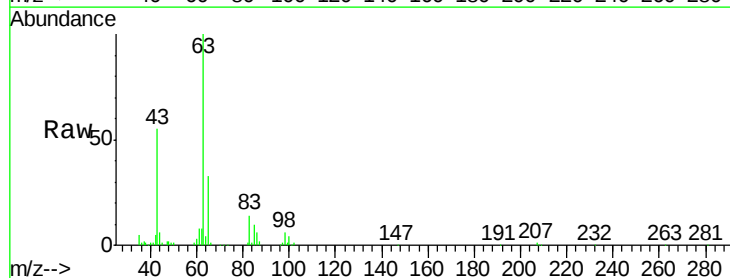
Tgt Ion: 63 Resp: 158326

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

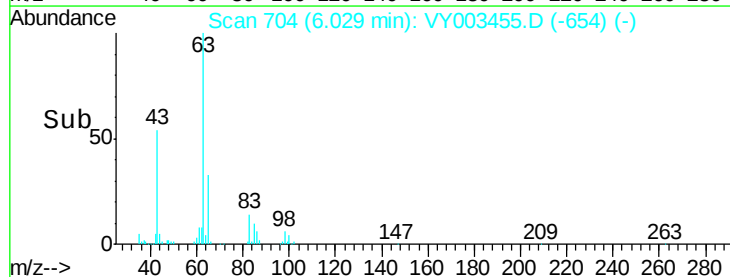
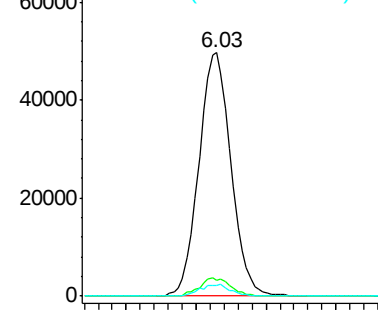
100 4.3 2.2 6.6

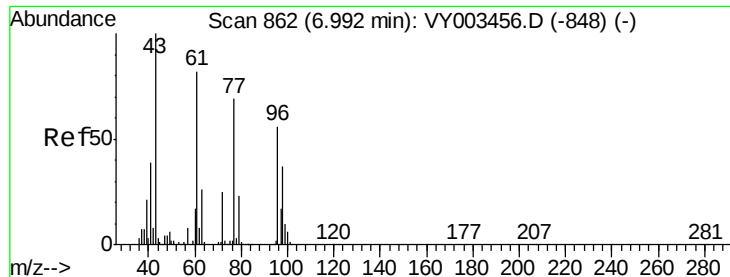


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





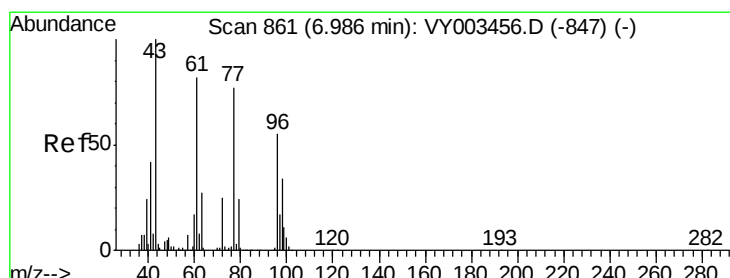
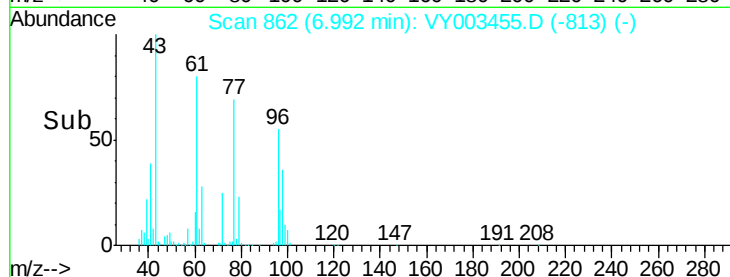
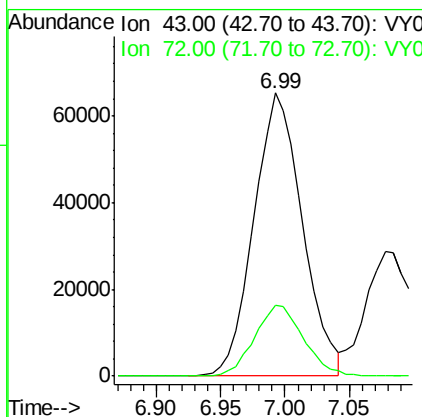
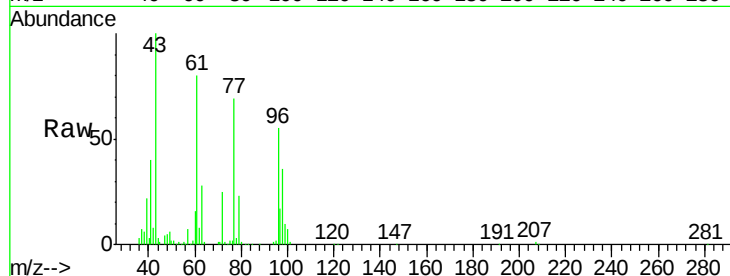
#25
2-Butanone
Concen: 103.477 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 170895
Ion Ratio Lower Upper
43 100
72 25.1 20.0 30.0

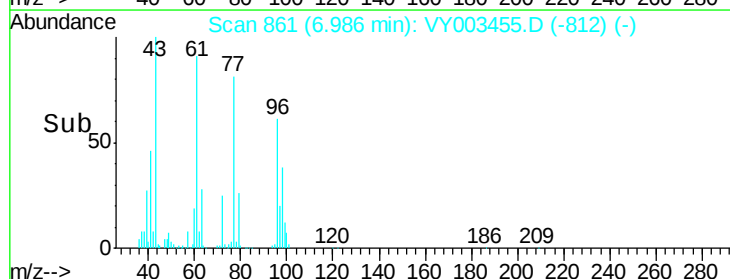
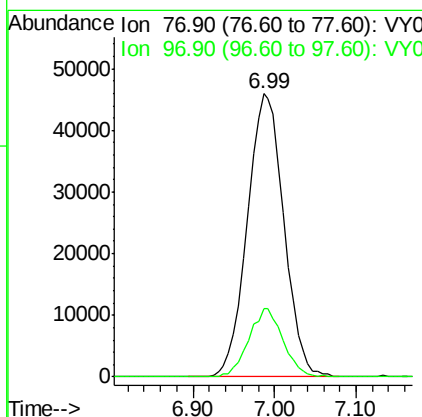
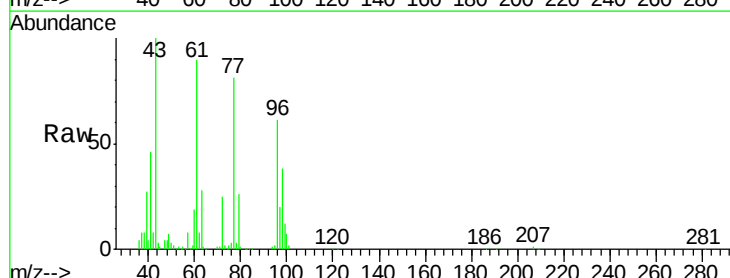
Manual Integrations
APPROVED

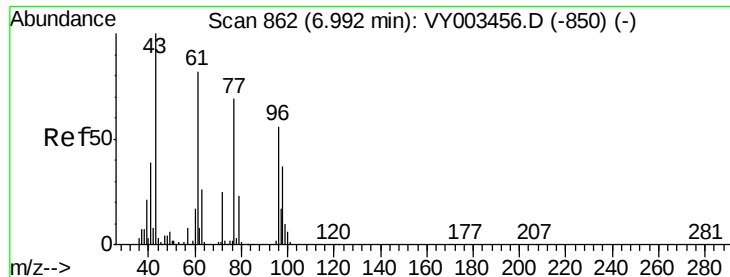
MMDadoda
10/6/2020 12:55:39 PM



#26
2,2-Dichloropropane
Concen: 20.260 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 77 Resp: 143227
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2





#27

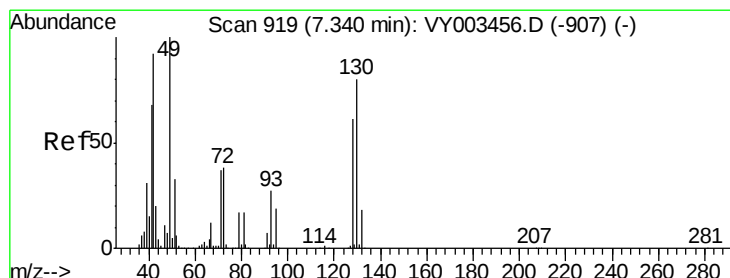
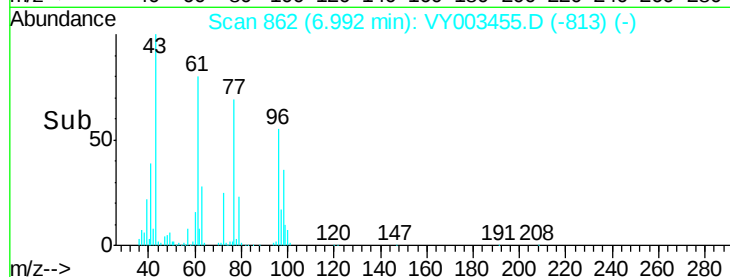
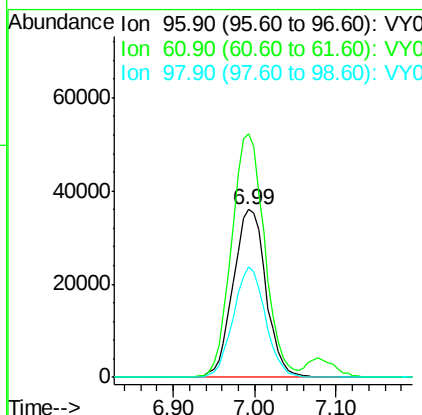
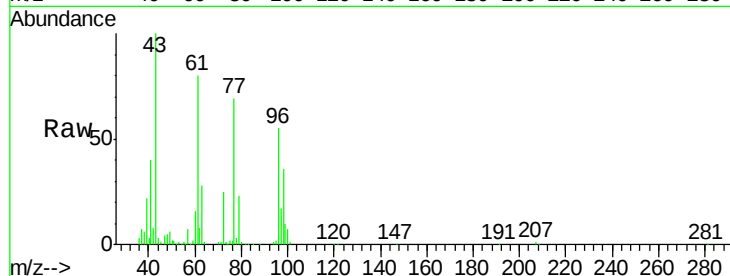
cis-1,2-Dichloroethene
Concen: 20.046 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.8	0.0	295.2	
98	64.3	0.0	129.0	

Manual Integrations
APPROVED

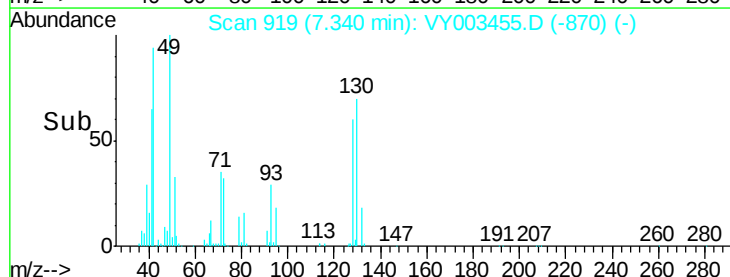
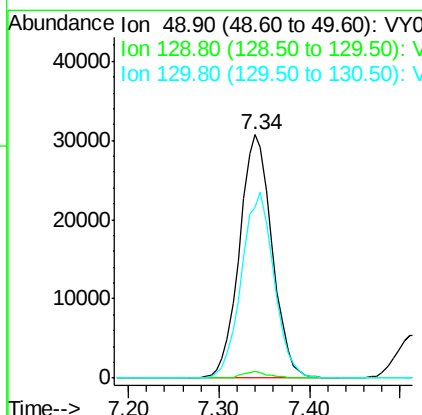
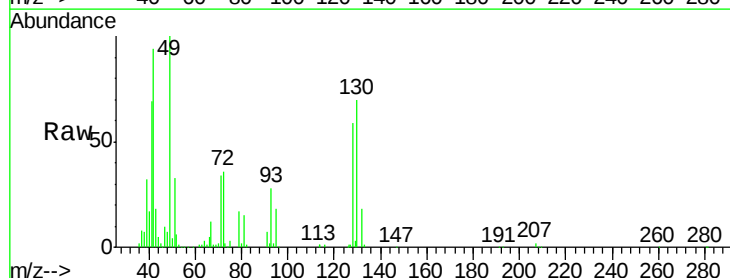
MMDadoda
10/6/2020 12:55:39 PM

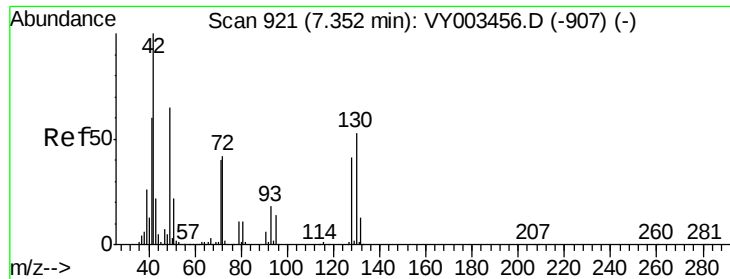


#28

Bromochloromethane
Concen: 23.593 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.4	
130	76.2	62.4	93.6	





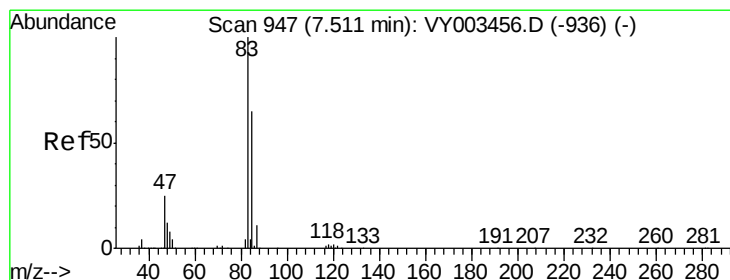
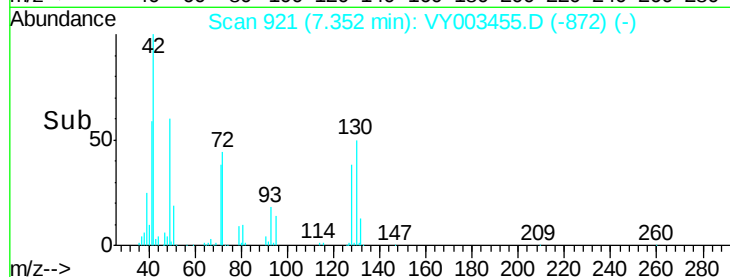
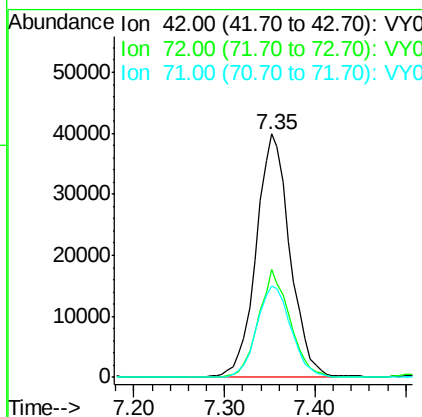
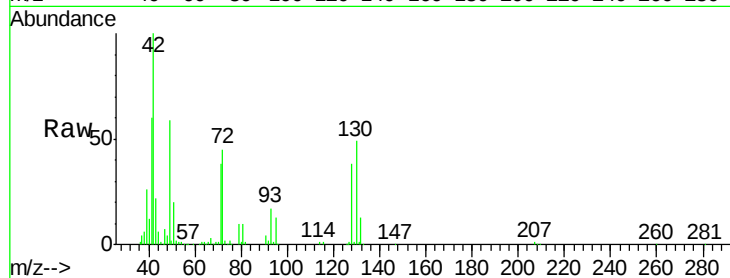
#29
Tetrahydrofuran
Concen: 97.143 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.3	49.9
71	38.1	31.7	47.5

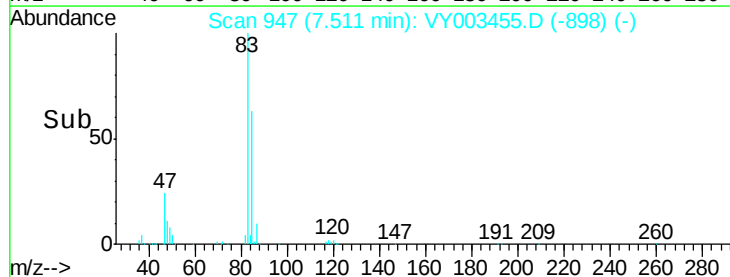
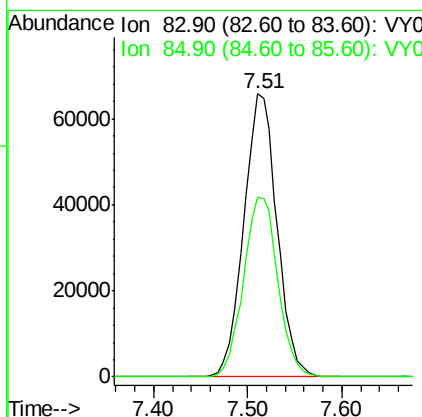
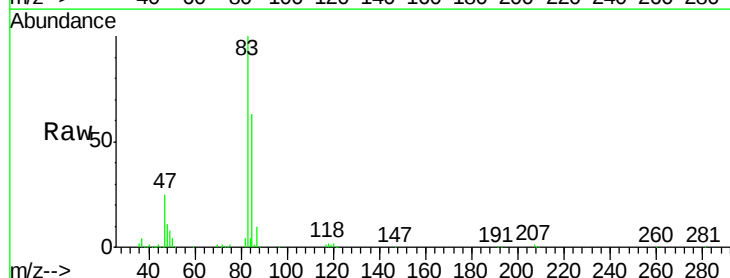
Manual Integrations
APPROVED

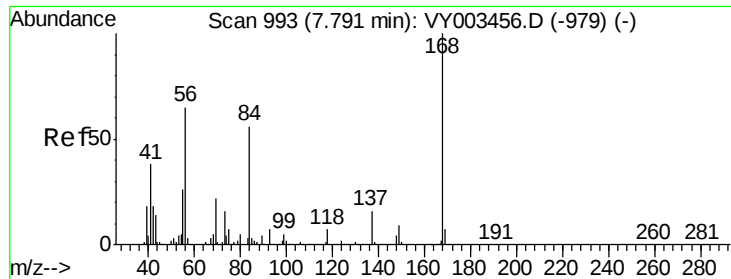
MMDadoda
10/6/2020 12:55:39 PM



#30
Chloroform
Concen: 20.642 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.4





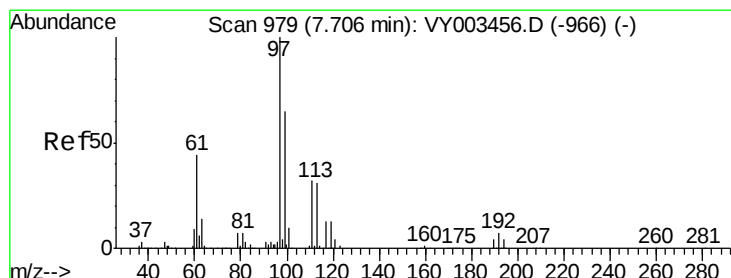
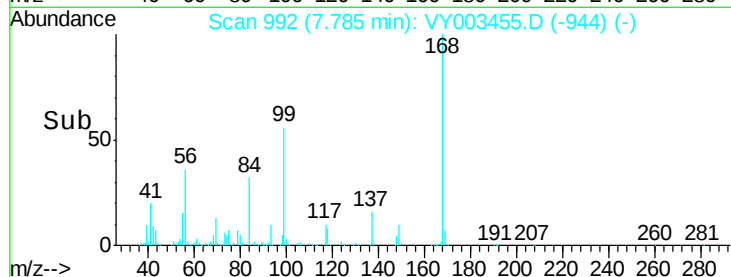
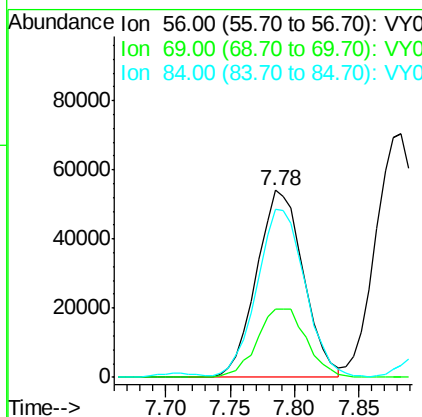
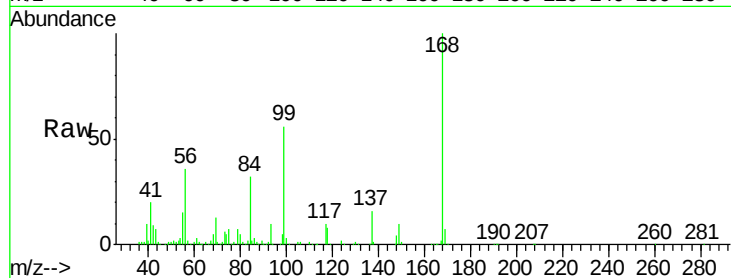
#31
Cyclohexane
Concen: 18.067 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.6	26.8	40.2
84	88.5	69.1	103.7

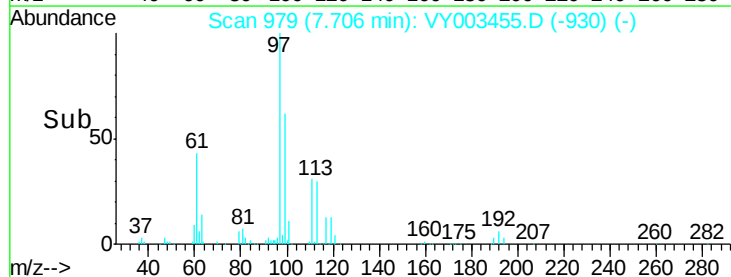
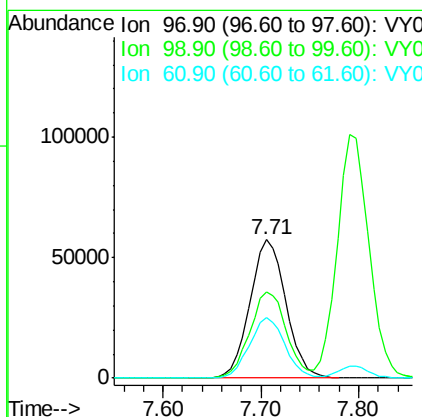
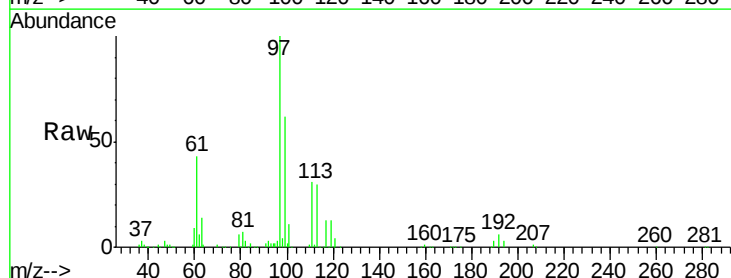
Manual Integrations
APPROVED

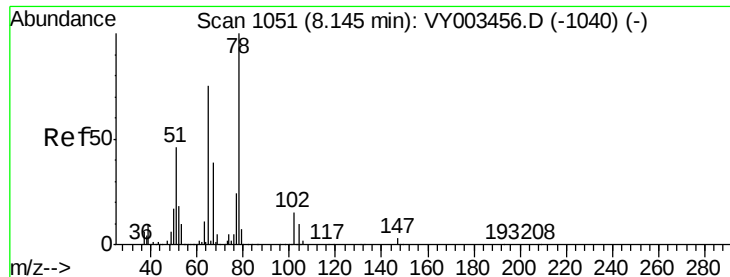
MMDadoda
10/6/2020 12:55:39 PM



#32
1,1,1-Trichloroethane
Concen: 20.485 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.5	77.3
61	43.5	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 21.860 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 96672

Ion Ratio Lower Upper

65 100

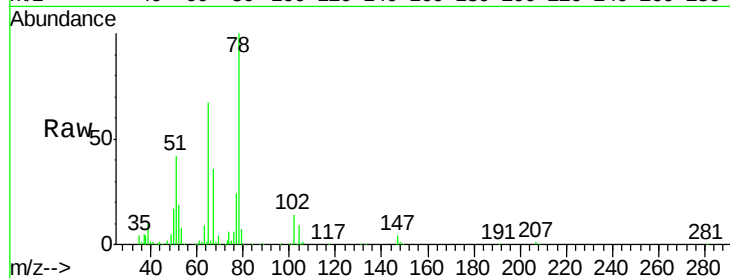
67 51.7 0.0 104.4

Manual Integrations

APPROVED

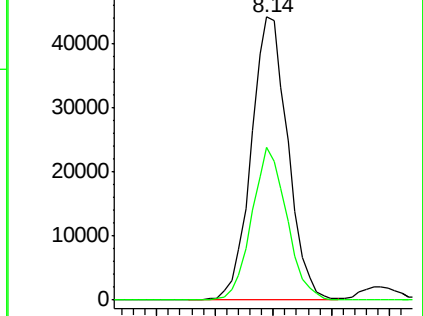
MMDadoda

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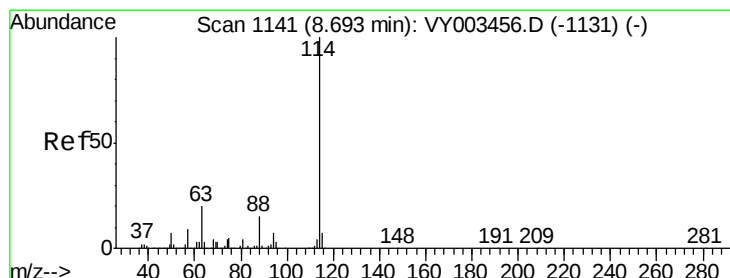
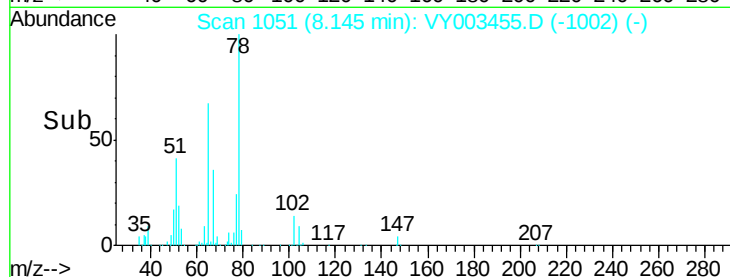


Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

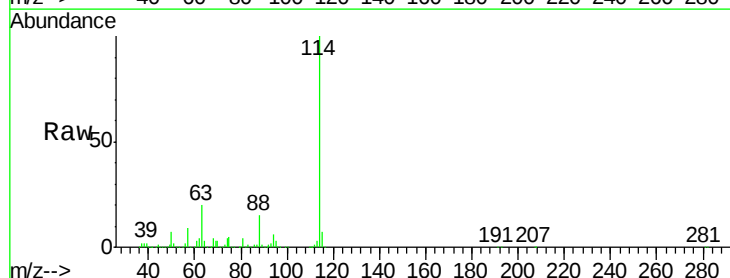
Tgt Ion:114 Resp: 652304

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

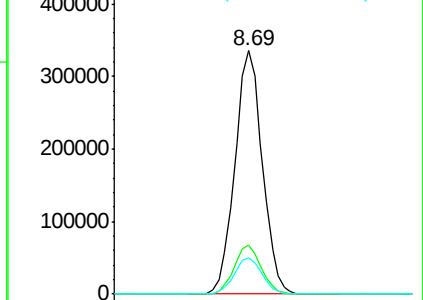
88 14.8 0.0 30.0



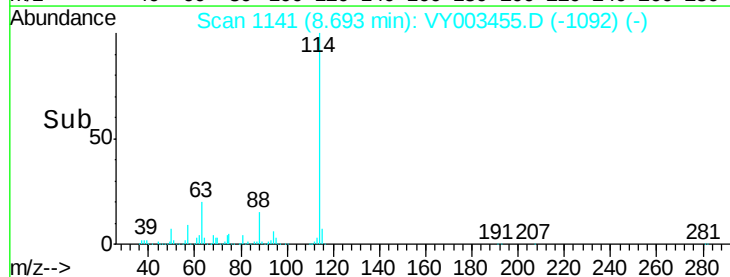
Abundance Ion 113.90 (113.60 to 114.60): V

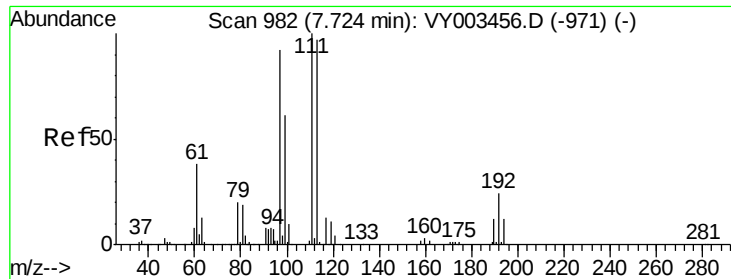
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



Time-->





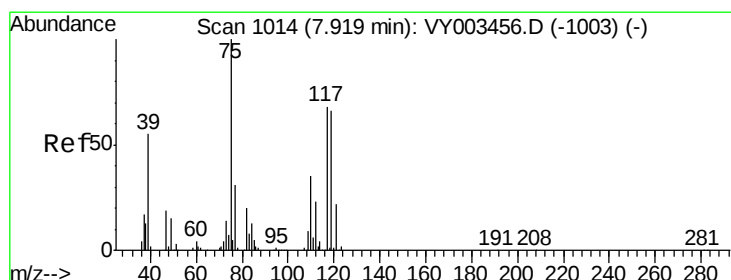
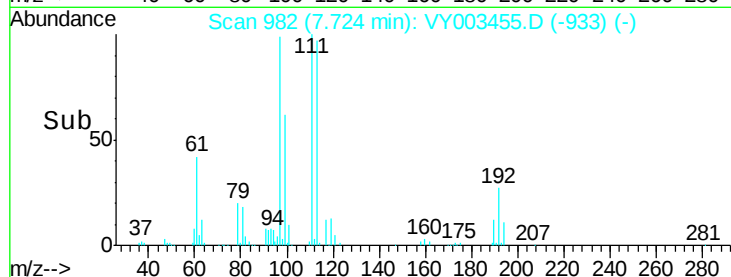
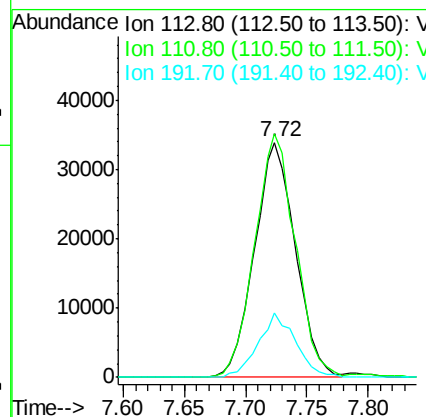
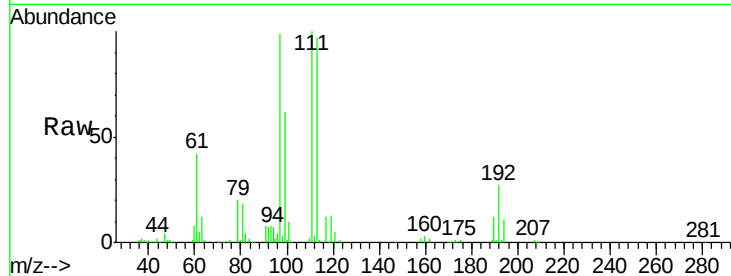
#35
Dibromofluoromethane
Concen: 20.623 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	25.0	19.8	29.6

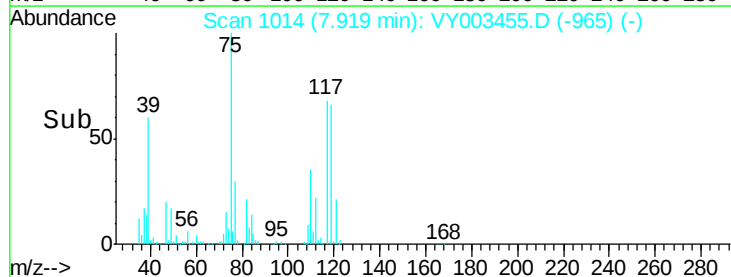
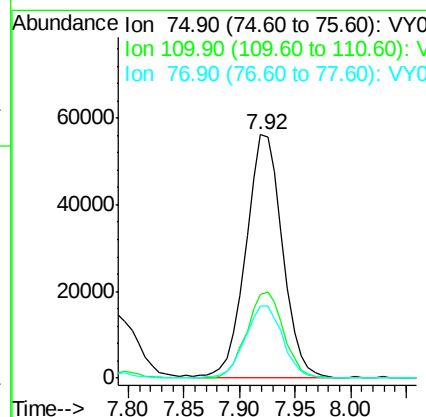
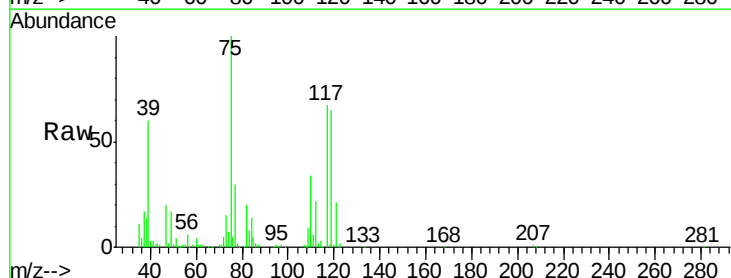
Manual Integrations
APPROVED

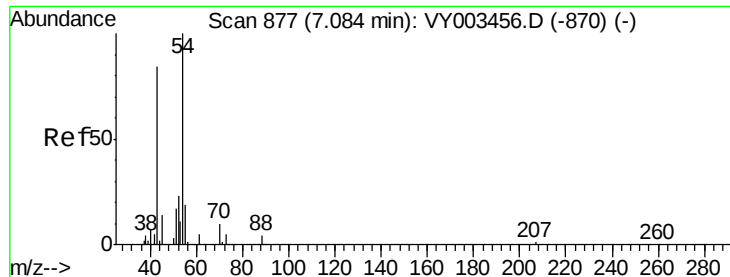
MMDadoda
10/6/2020 12:55:39 PM



#36
1,1-Dichloropropene
Concen: 20.861 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.8	53.3
77	30.9	24.8	37.2





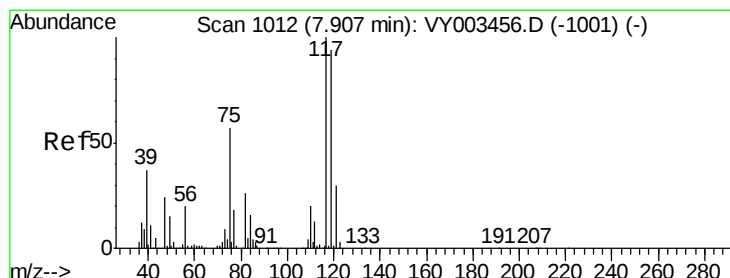
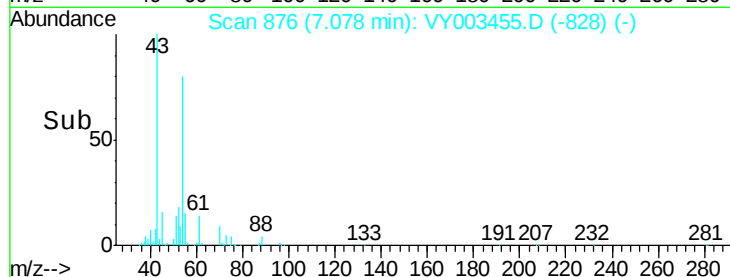
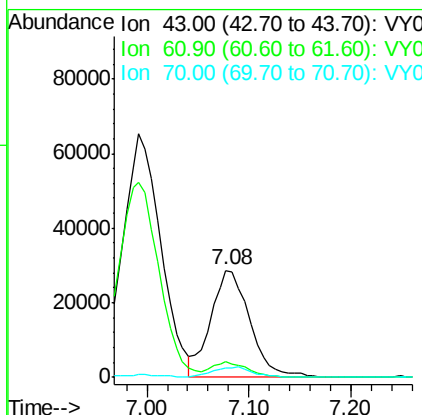
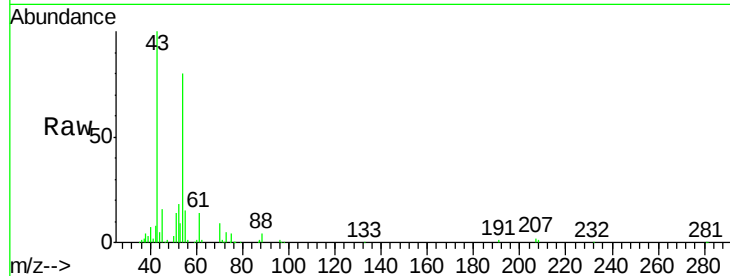
#37
Ethyl Acetate
Concen: 21.722 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.4
70	10.0	8.2	12.2

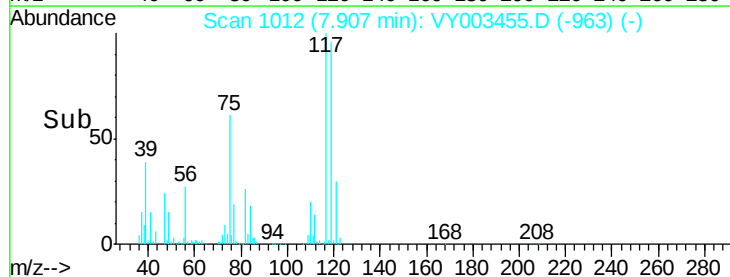
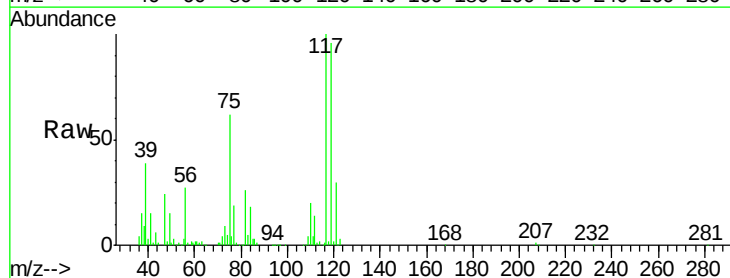
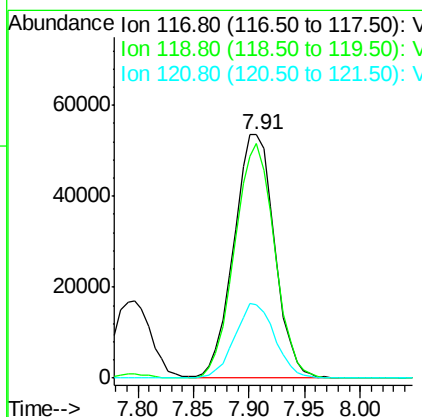
Manual Integrations
APPROVED

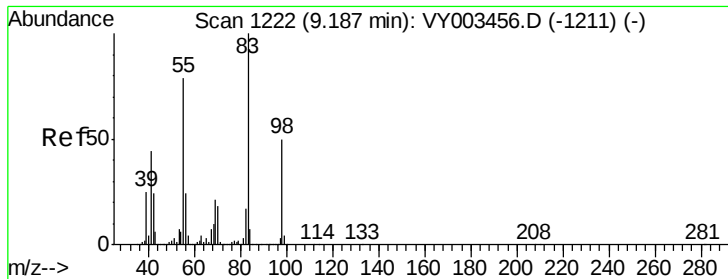
MMDadoda
10/6/2020 12:55:39 PM



#38
Carbon Tetrachloride
Concen: 21.594 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.7	112.1
121	30.1	24.3	36.5





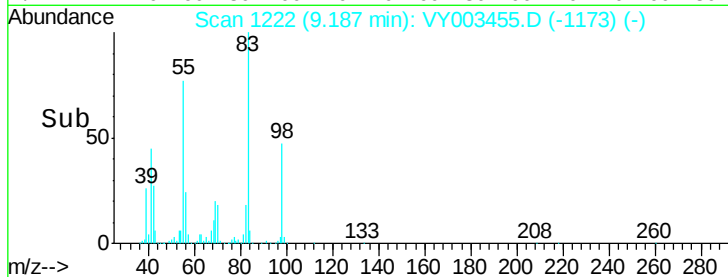
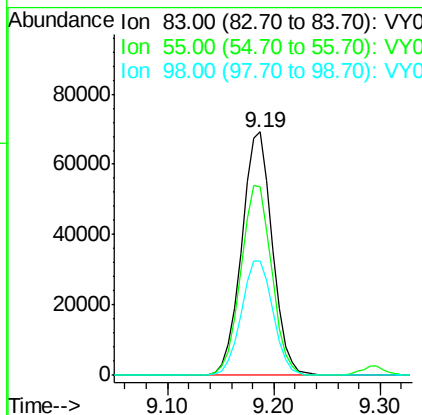
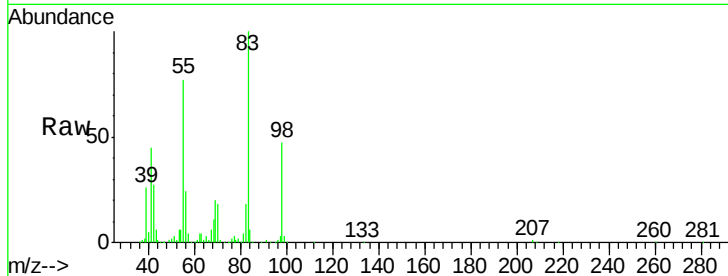
#39
Methvlcvclohexane
Concen: 18.977 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	63.0	94.6
98	47.1	39.7	59.5

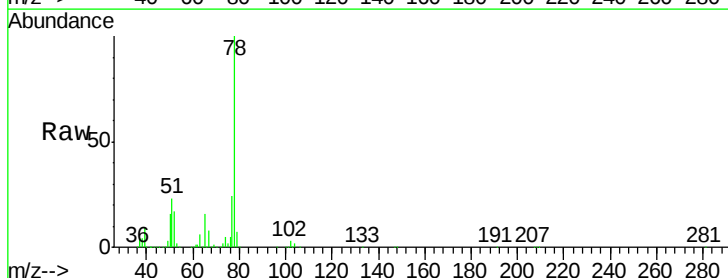
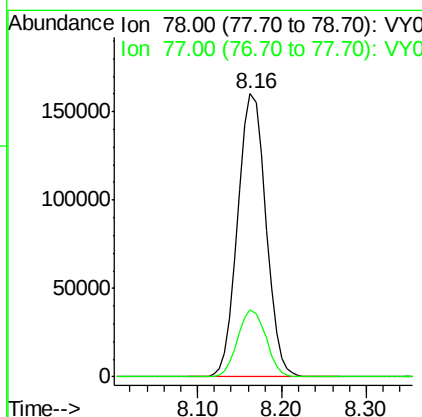
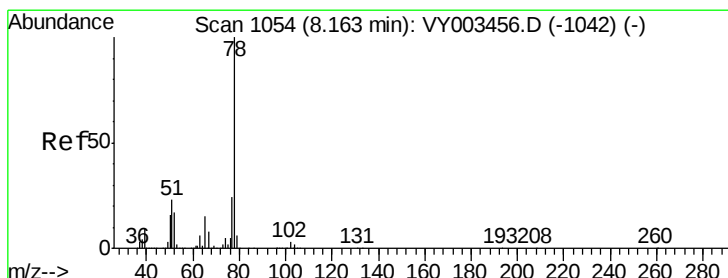
Manual Integrations
APPROVED

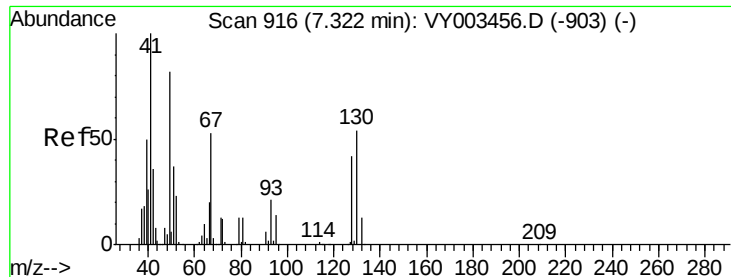
MMDadoda
10/6/2020 12:55:39 PM



#40
Benzene
Concen: 21.163 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





#41

Methacrylonitrile

Concen: 16.721 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 32760

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

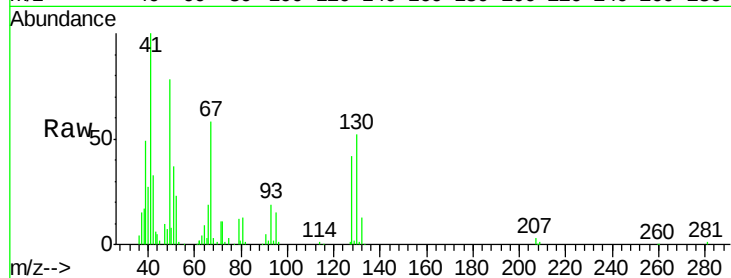
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
APPROVED

MMDadoda

10/6/2020 12:55:39 PM

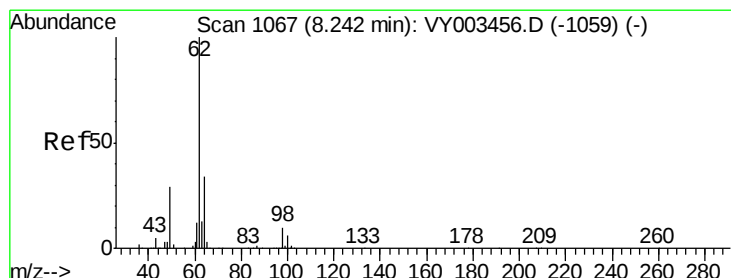
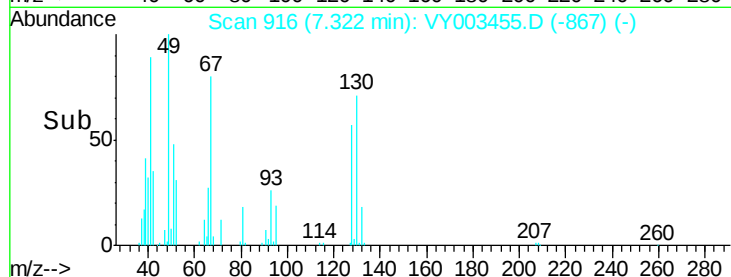
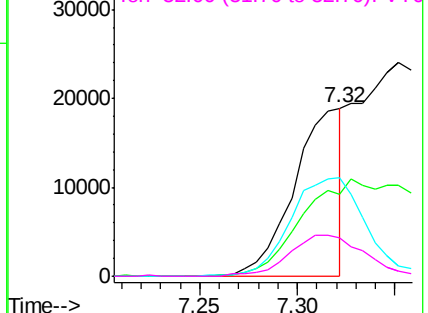


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 22.341 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003455.D

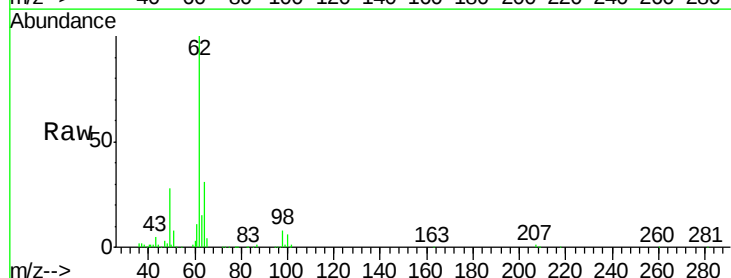
Acq: 05 Oct 2020 15:50

Tgt Ion: 62 Resp: 117098

Ion Ratio Lower Upper

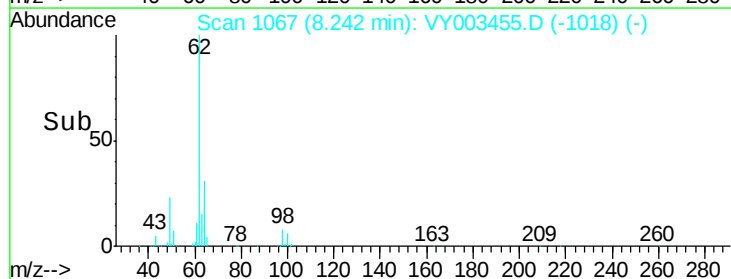
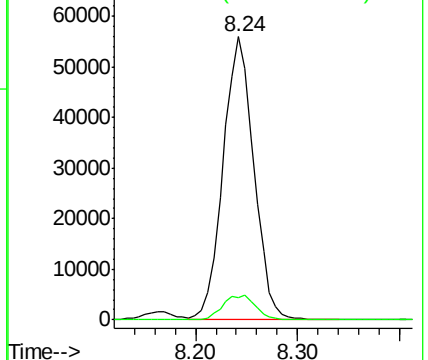
62 100

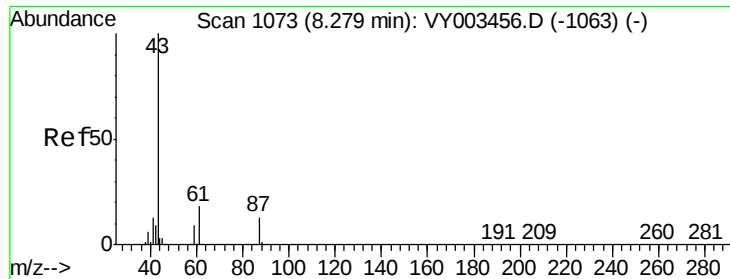
98 9.3 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





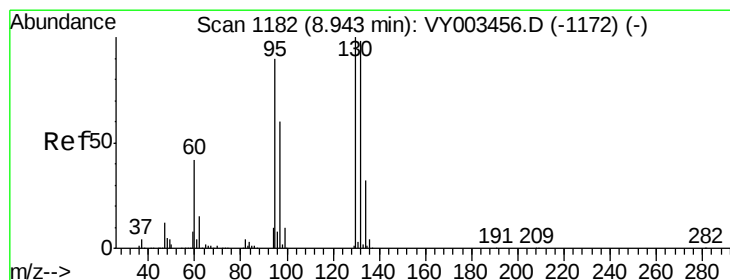
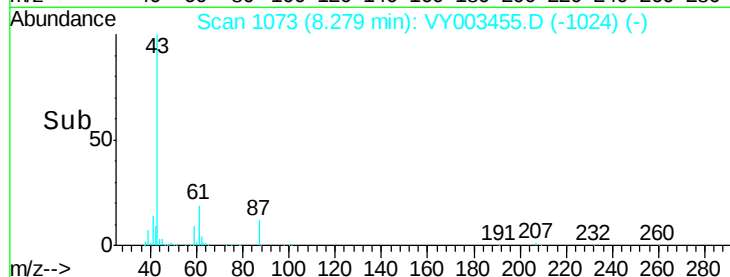
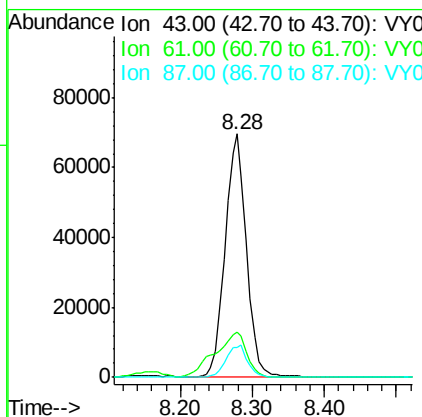
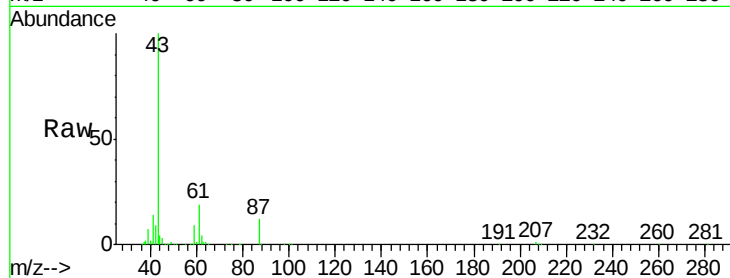
#43
Isopropyl Acetate
Concen: 21.571 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.8	22.7	34.1
87	13.0	10.4	15.6

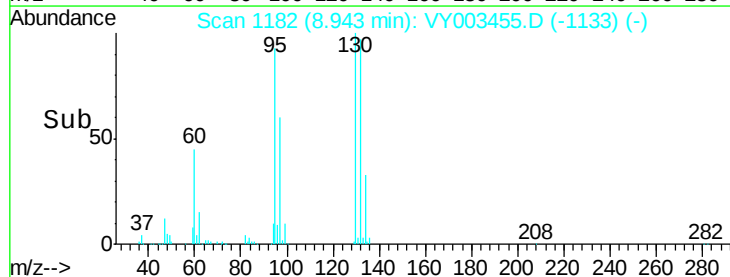
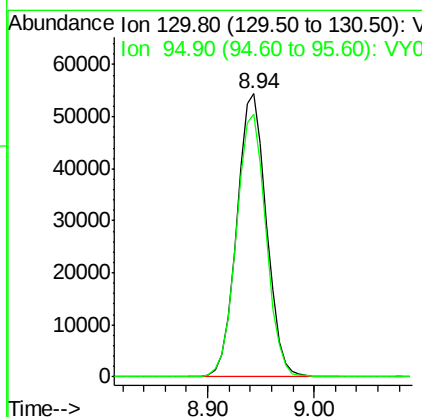
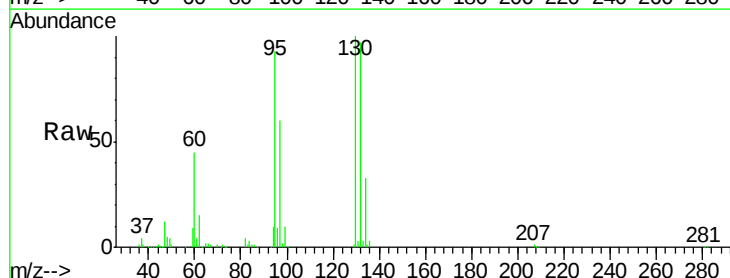
Manual Integrations
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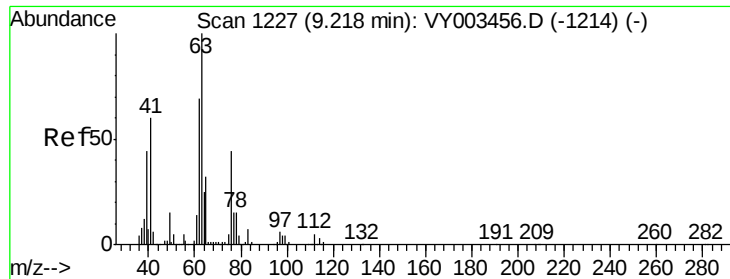
MMDadoda
10/6/2020 12:55:39 PM



#44
Trichloroethene
Concen: 21.613 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	180.6





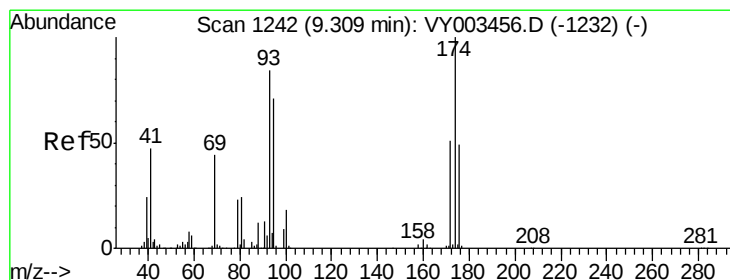
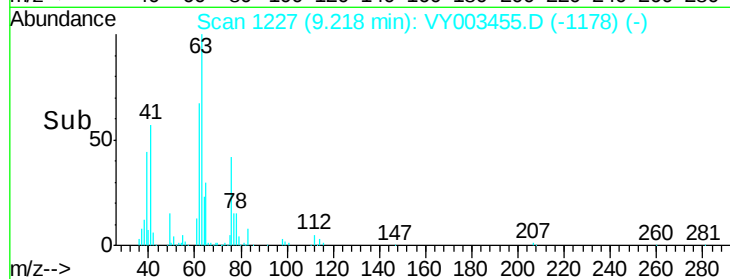
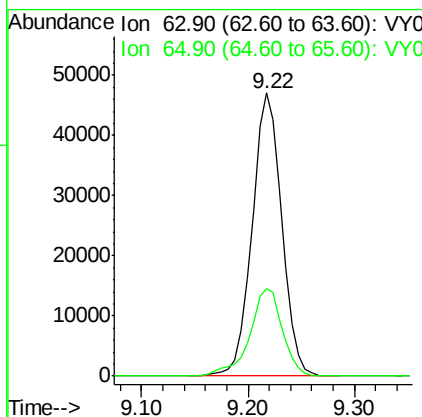
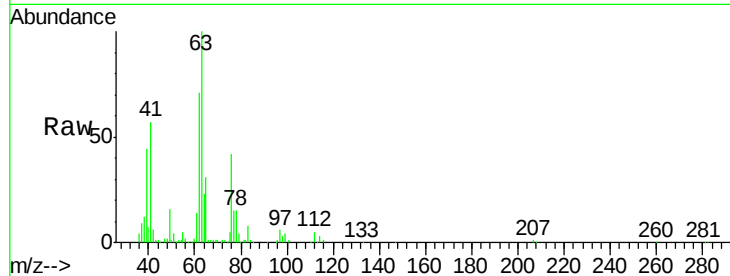
#45
 1,2-Dichloropropane
 Concen: 20.671 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.4	38.2

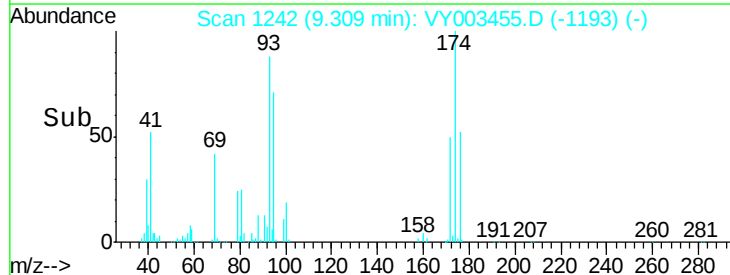
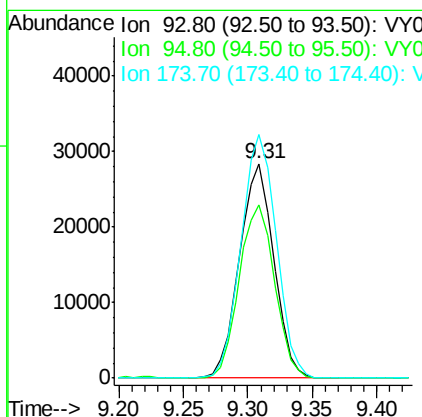
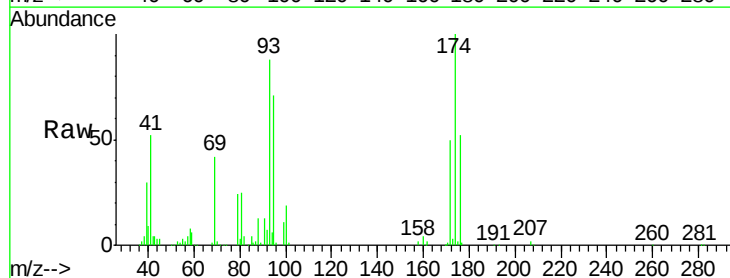
Manual Integrations
 APPROVED

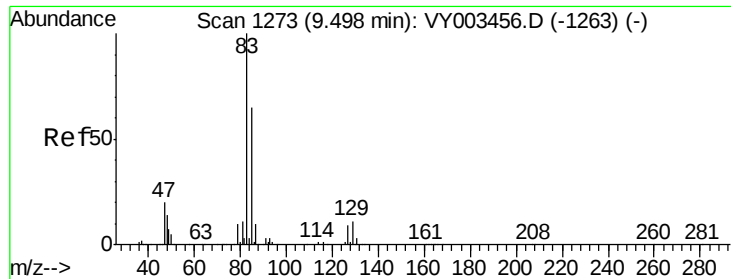
MMDadoda
 10/6/2020 12:55:39 PM



#46
 Dibromomethane
 Concen: 20.957 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.6	98.4
174	116.8	94.3	141.5





#47

Bromodichloromethane

Concen: 21.304 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

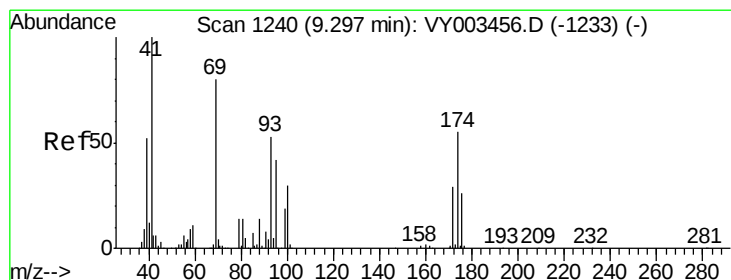
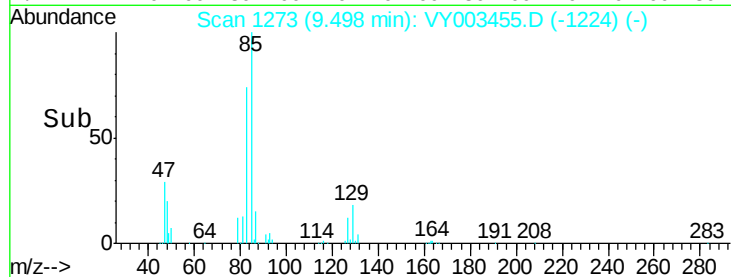
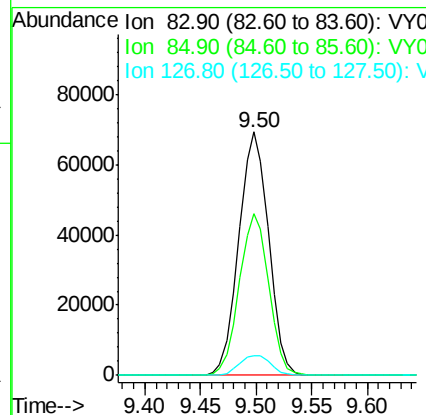
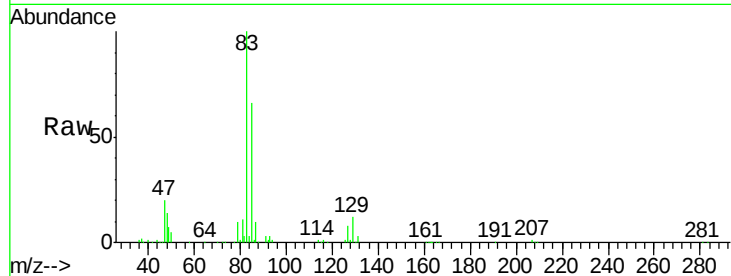
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	128336
Ion Ratio	Lower	Upper	
83	100		
85	66.5	52.1	78.1
127	8.1	7.5	11.3

Manual Integrations
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MMDadoda
10/6/2020 12:55:39 PM



#48

Methyl methacrylate

Concen: 22.271 ug/l

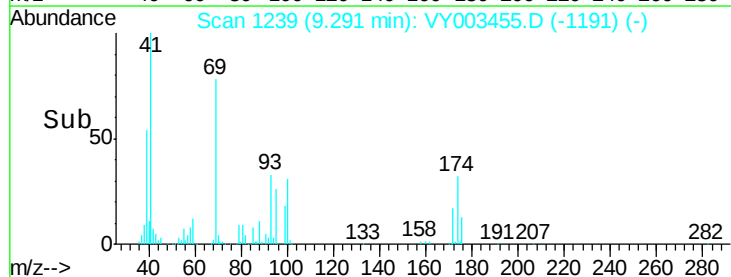
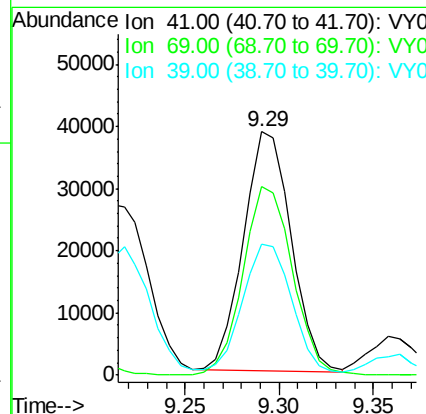
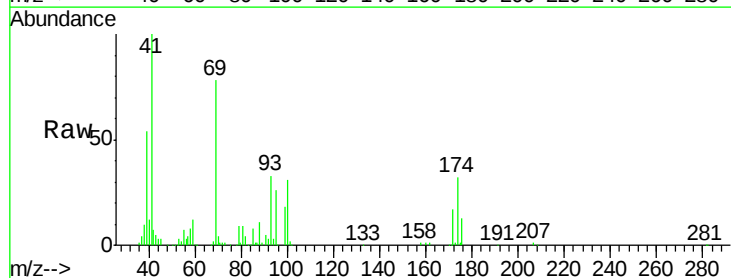
RT: 9.29 min Scan# 1239

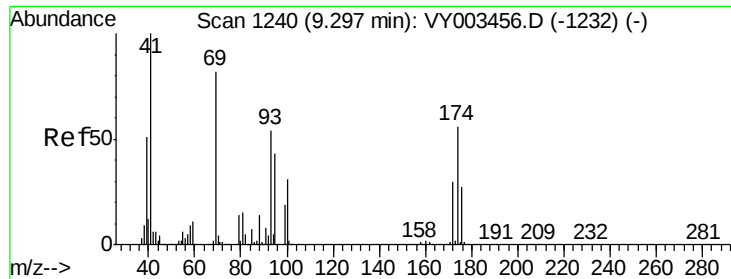
Delta R.T. -0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Tgt Ion:	41	Resp:	67363
Ion Ratio	Lower	Upper	
41	100		
69	82.2	66.3	99.5
39	57.8	45.2	67.8





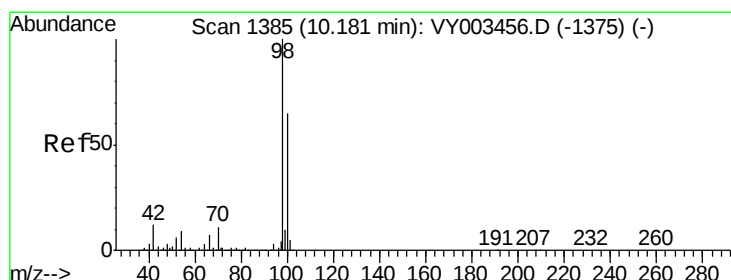
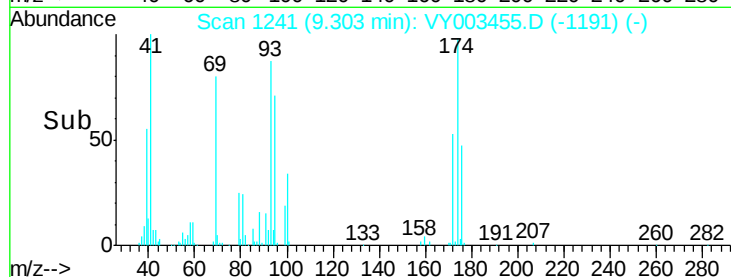
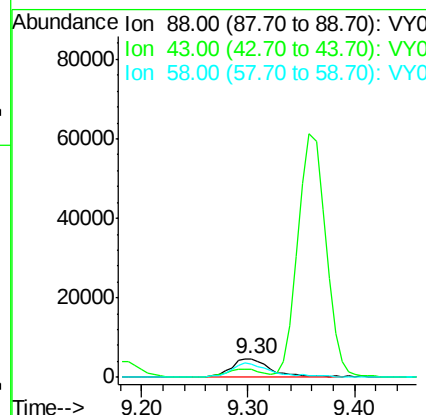
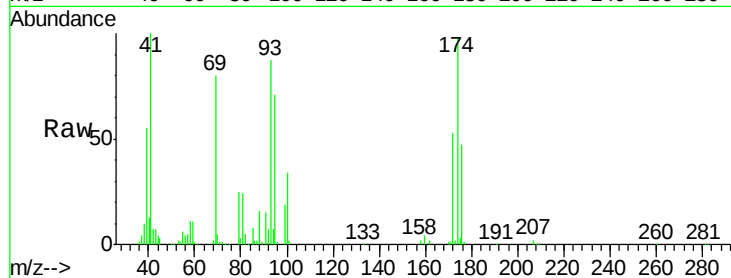
#49
1,4-Dioxane
Concen: 393.146 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	28.6	43.0
58	78.3	51.8	77.6

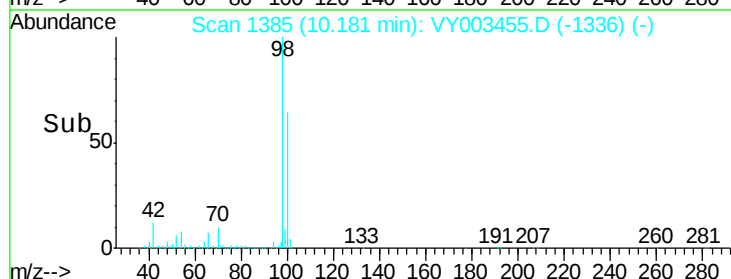
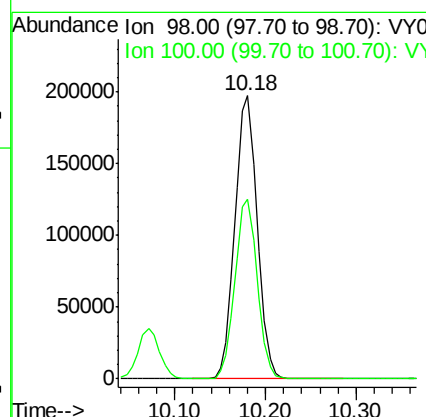
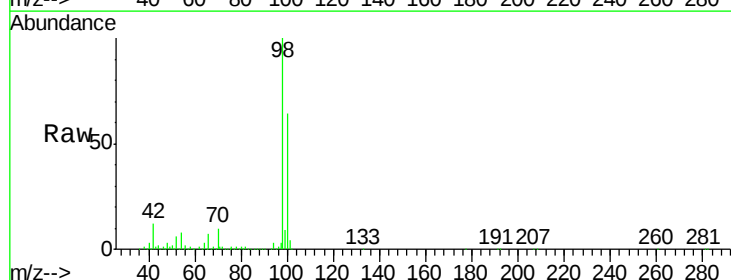
Manual Integrations
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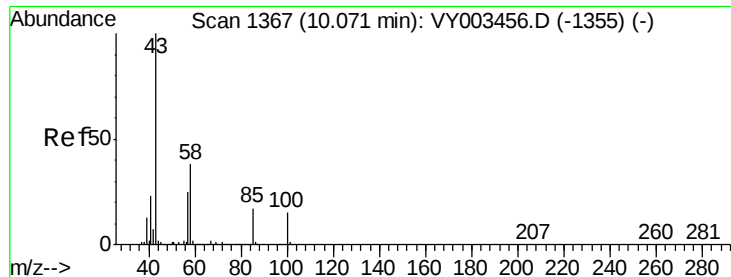
MMDadoda
10/6/2020 12:55:39 PM



#50
Toluene-d8
Concen: 22.181 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8





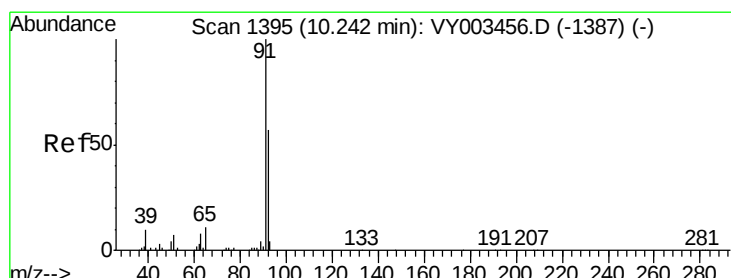
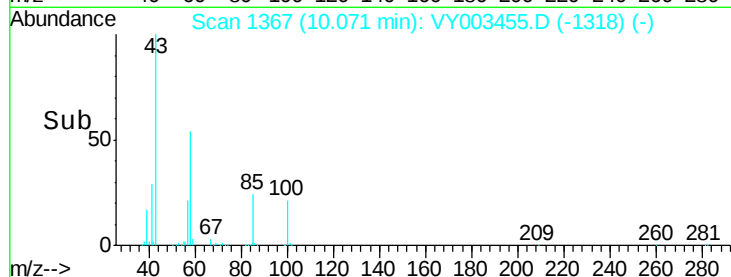
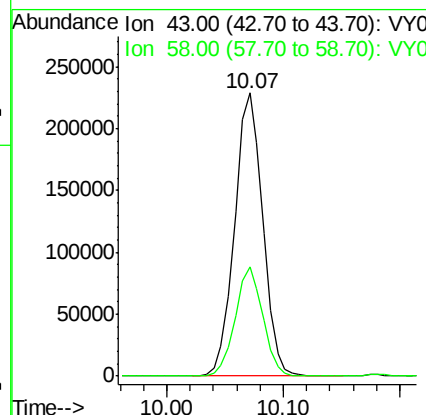
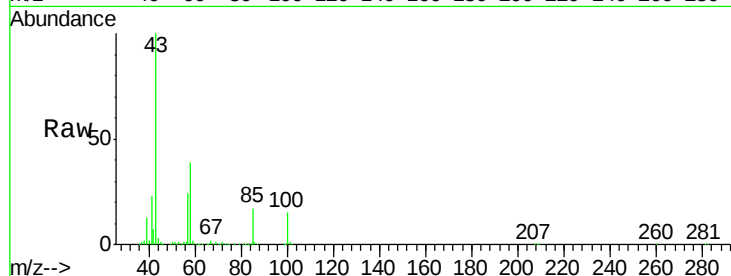
#51
4-Methyl-2-Pentanone
Concen: 110.217 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	43	Resp	384707
Ion Ratio	100	Lower	Upper
58	38.1	30.4	45.6

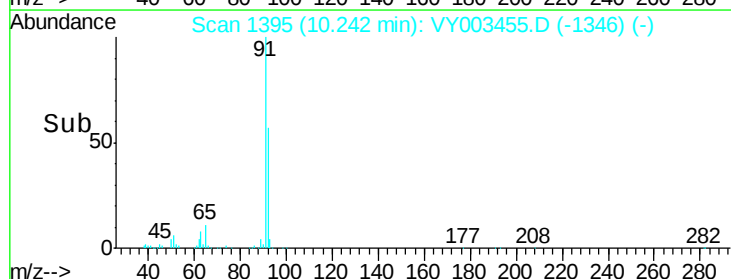
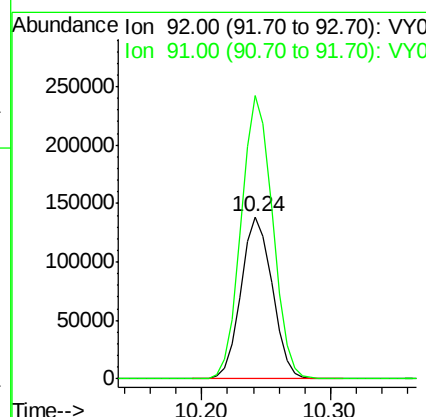
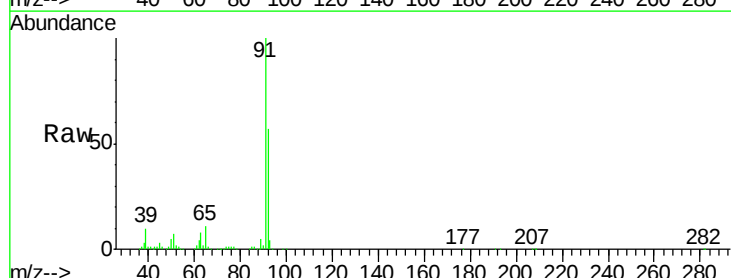
Manual Integrations
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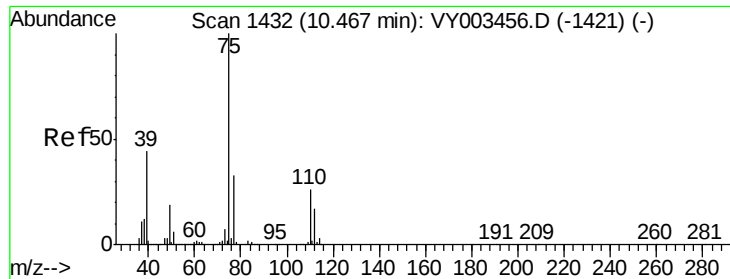
MMDadoda
10/6/2020 12:55:39 PM



#52
Toluene
Concen: 21.677 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	92	Resp	232840
Ion Ratio	100	Lower	Upper
91	175.5	140.0	210.0





#53

t-1,3-Dichloropropene

Concen: 21.406 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 137808

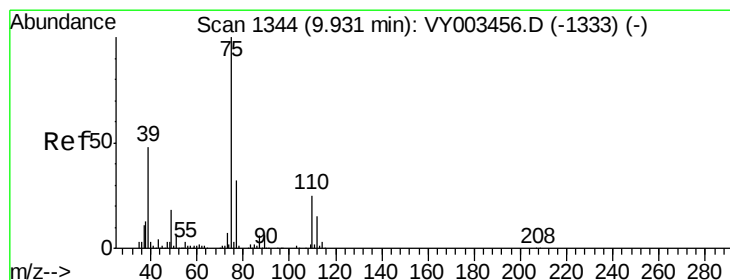
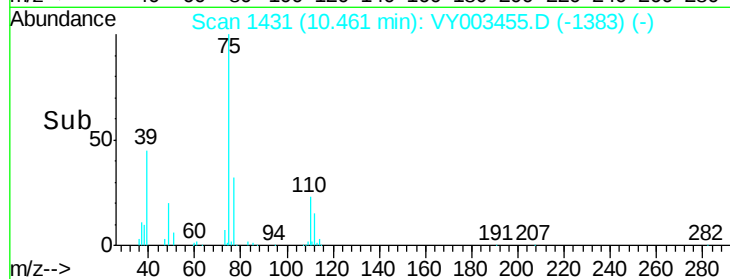
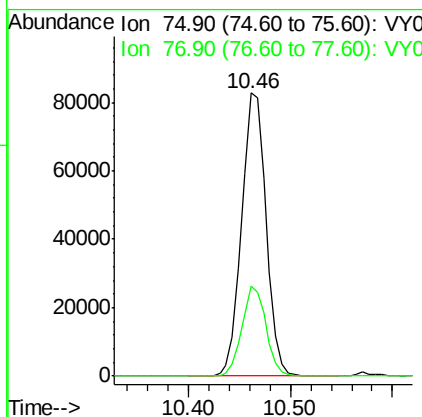
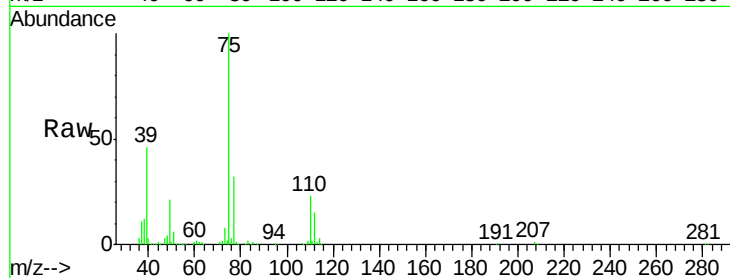
Ion Ratio Lower Upper

75 100

77 31.7 26.0 39.0

Manual Integrations
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10/6/2020 12:55:39 PM



#54

cis-1,3-Dichloropropene

Concen: 20.934 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

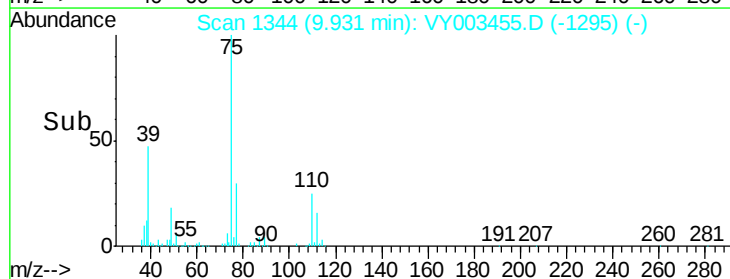
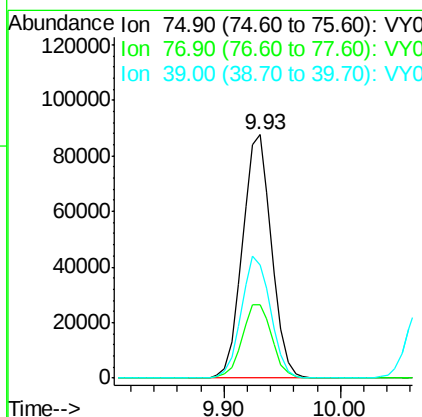
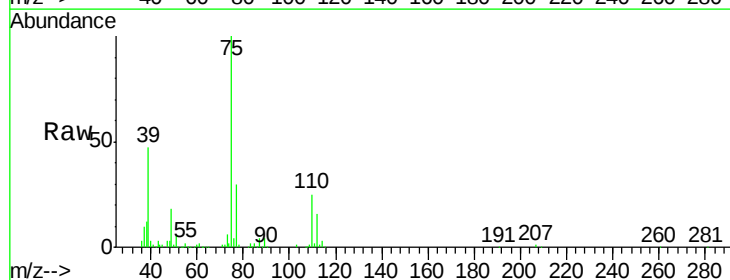
Tgt Ion: 75 Resp: 152079

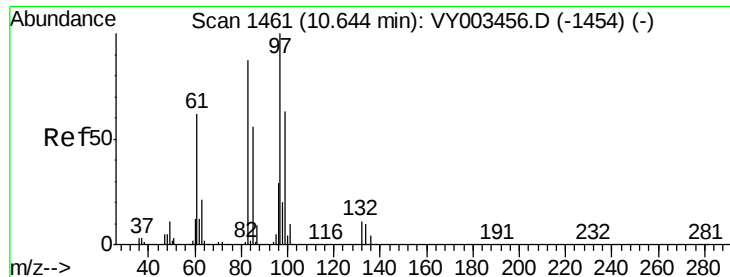
Ion Ratio Lower Upper

75 100

77 30.4 25.9 38.9

39 46.6 38.7 58.1





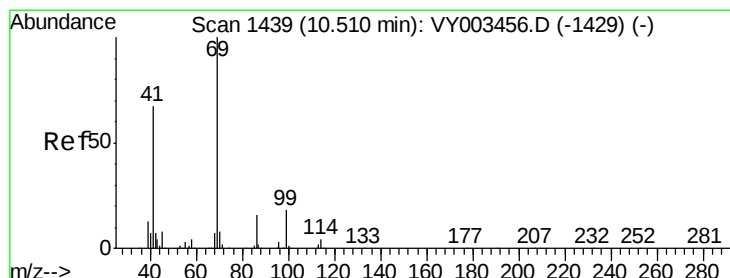
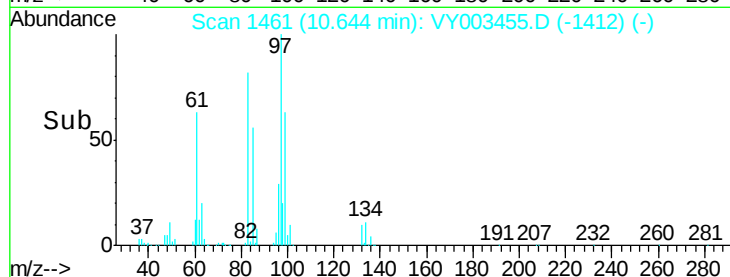
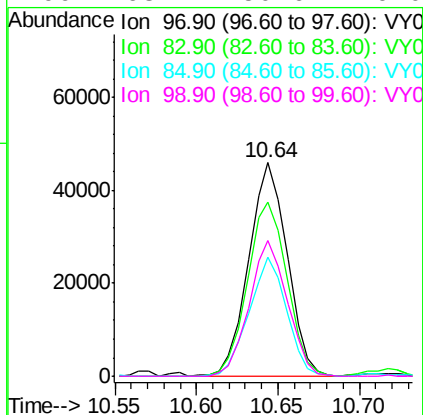
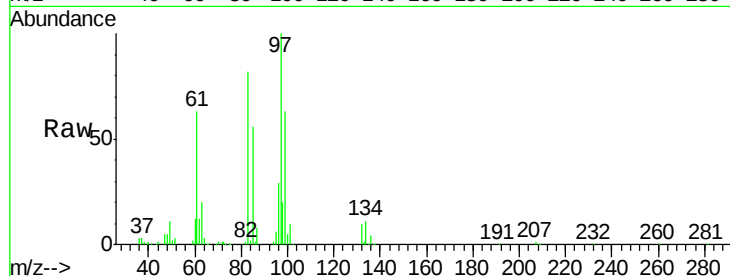
#55
 1,1,2-Trichloroethane
 Concen: 21.573 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	75736
Ion	Ratio	Lower	Upper
97	100		
83	81.5	69.9	104.9
85	56.0	44.5	66.7
99	63.4	50.6	76.0

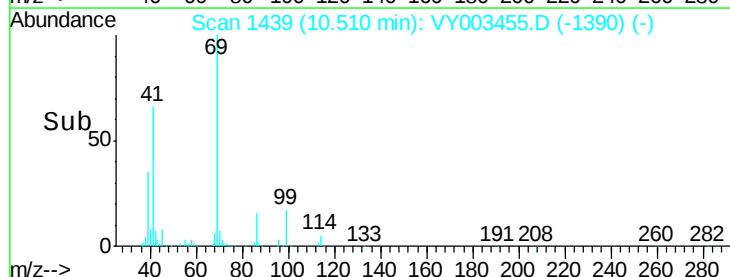
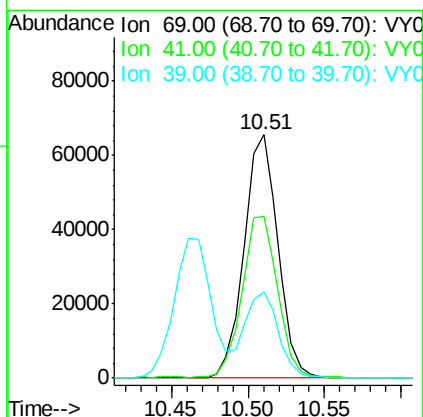
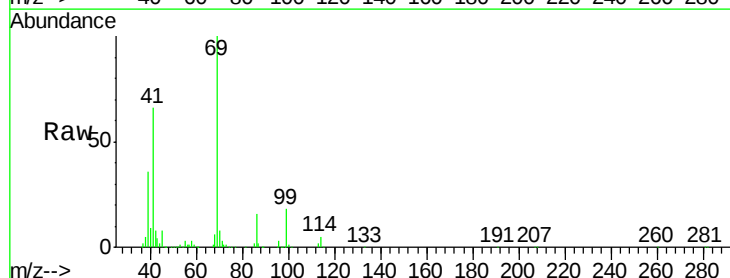
Manual Integrations
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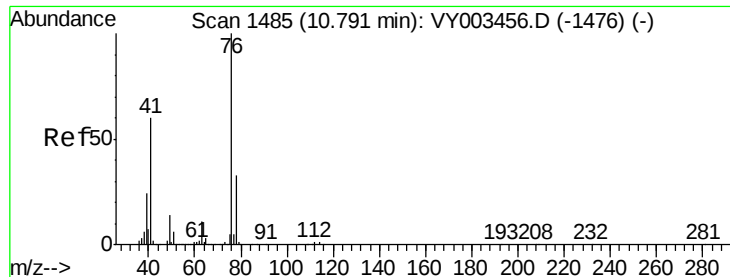
MMDadoda
 10/6/2020 12:55:39 PM



#56
 Ethyl methacrylate
 Concen: 20.745 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion:	69	Resp:	100759
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	36.0	28.8	43.2





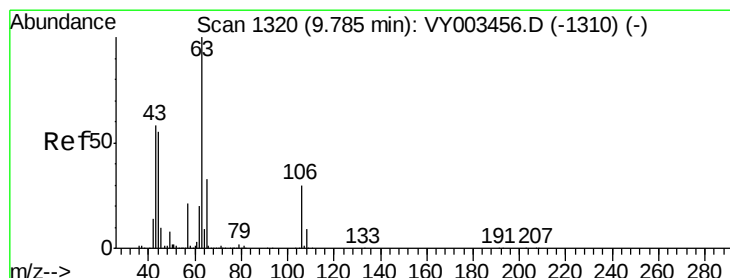
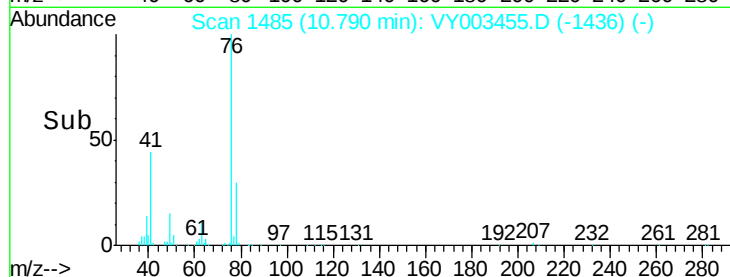
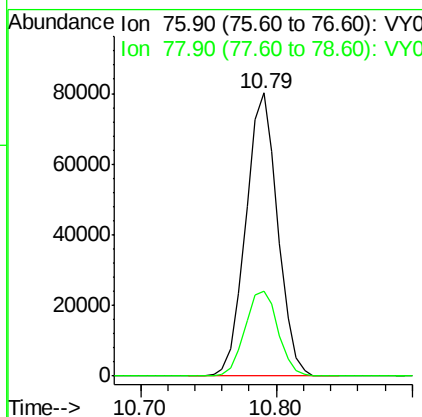
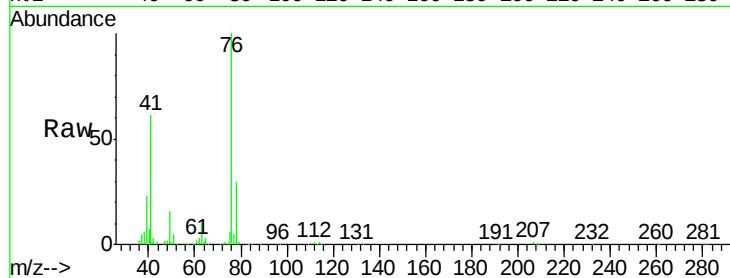
#57
 1,3-Dichloropropane
 Concen: 21.459 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion: 76 Resp: 131280
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.2 39.2

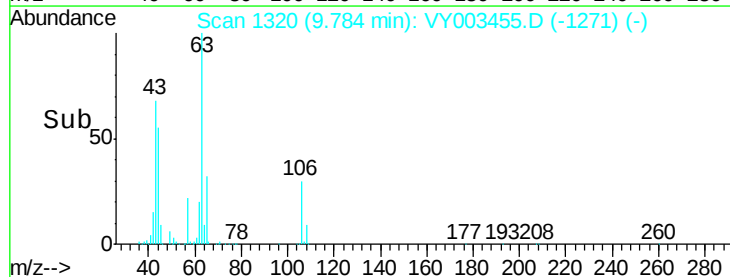
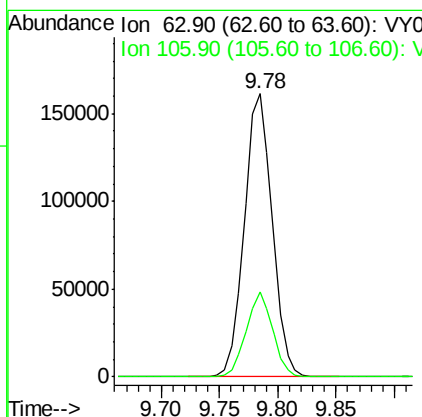
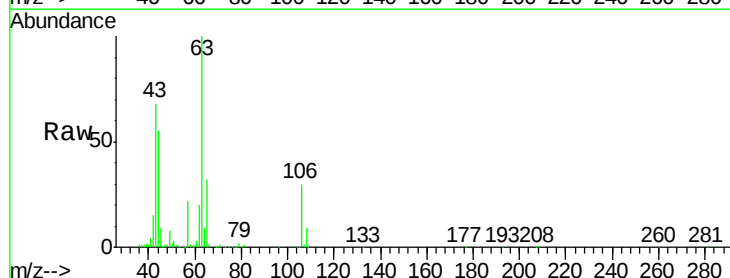
Manual Integrations
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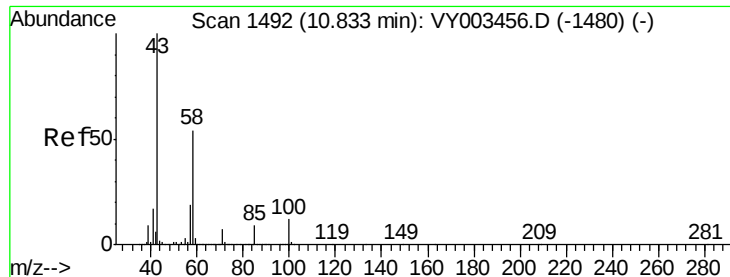
MMDadoda
 10/6/2020 12:55:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.320 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion: 63 Resp: 270071
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.8 34.2





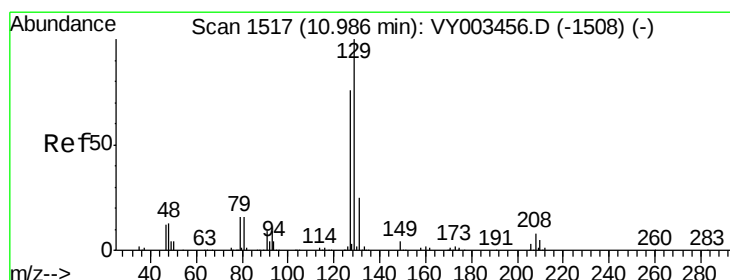
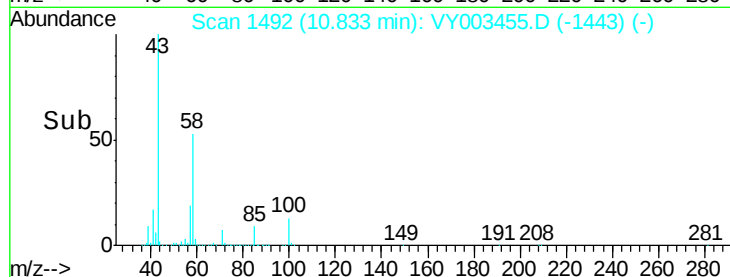
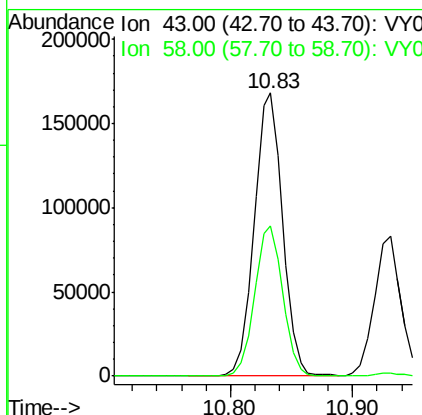
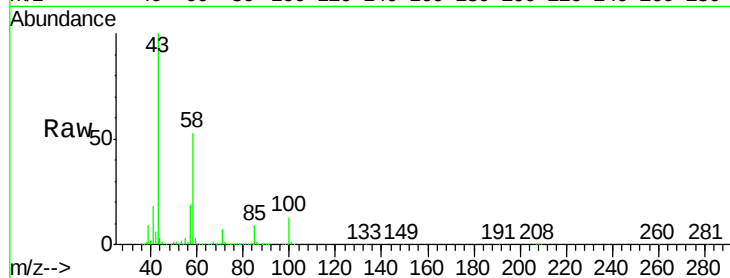
#59
2-Hexanone
Concen: 111.051 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 270628
Ion Ratio Lower Upper
43 100
58 52.7 26.8 80.3

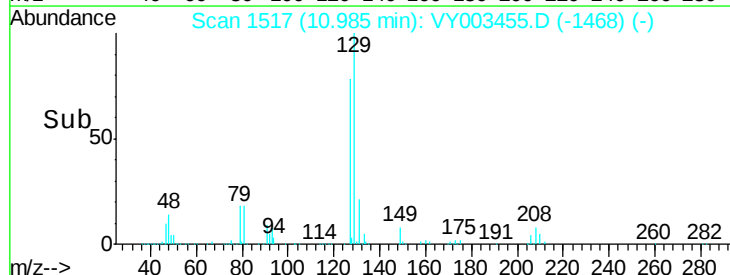
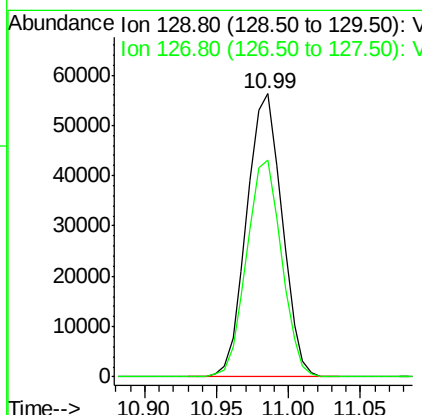
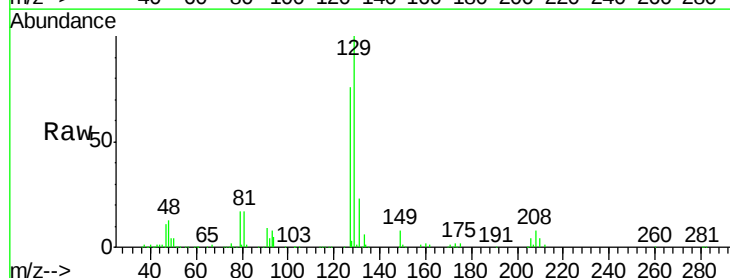
Manual Integrations
APPROVED

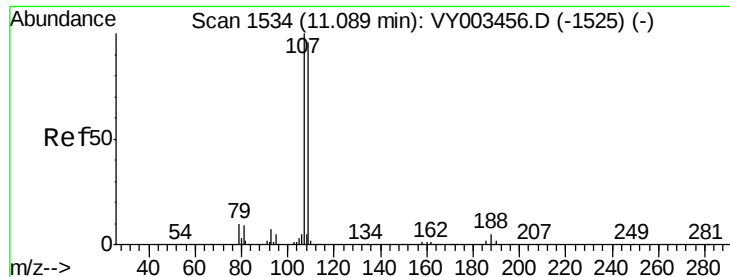
MMDadoda
10/6/2020 12:55:39 PM



#60
Dibromochloromethane
Concen: 21.628 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion: 129 Resp: 95608
Ion Ratio Lower Upper
129 100
127 75.5 38.6 116.0





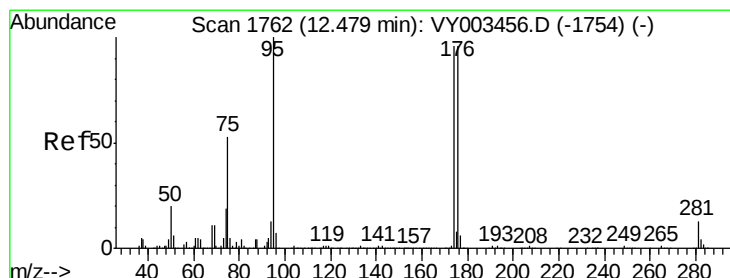
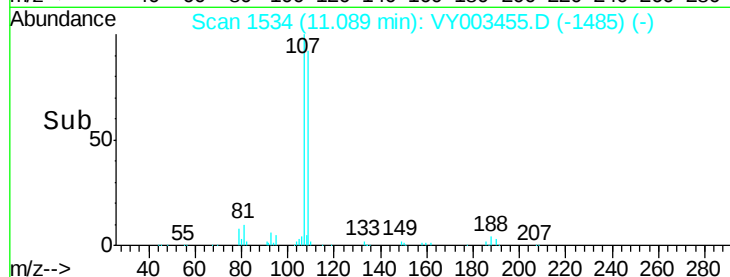
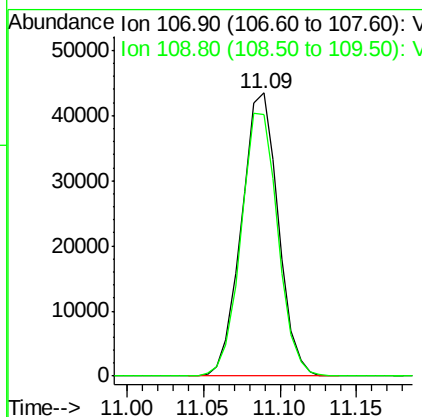
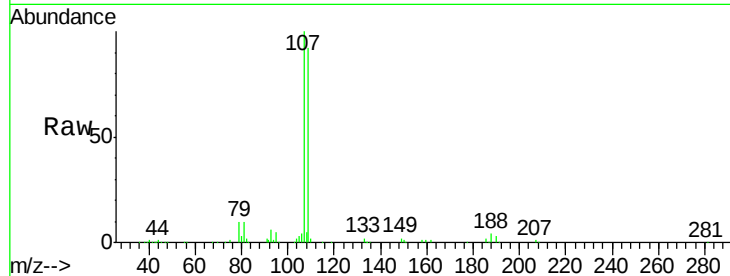
#61
 1,2-Dibromoethane
 Concen: 21.257 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.6	113.4

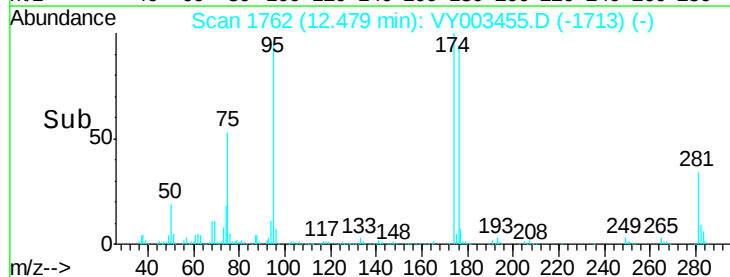
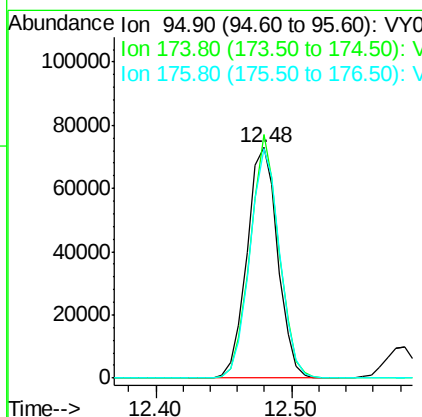
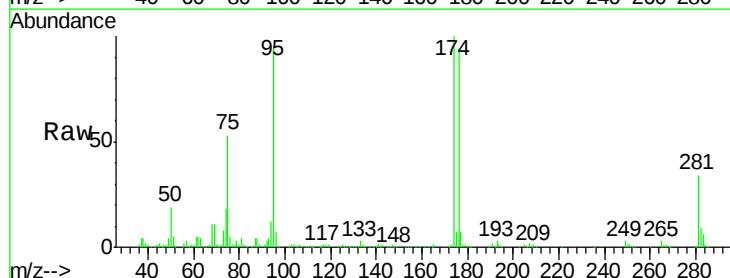
Manual Integrations
 APPROVED

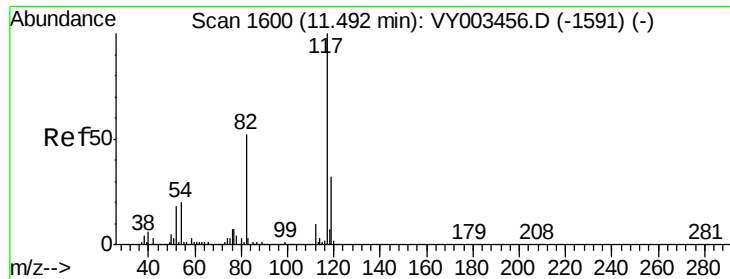
MMDadoda
 10/6/2020 12:55:39 PM



#62
 4-Bromofluorobenzene
 Concen: 22.227 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	197.0
176	96.6	0.0	193.6





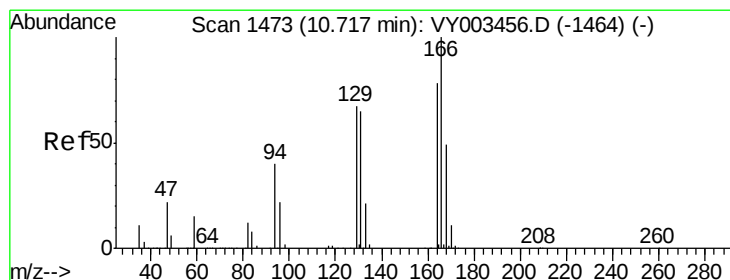
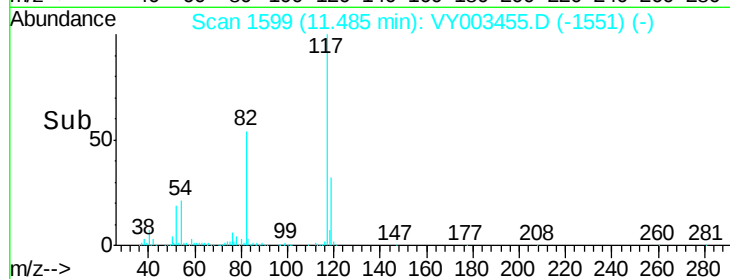
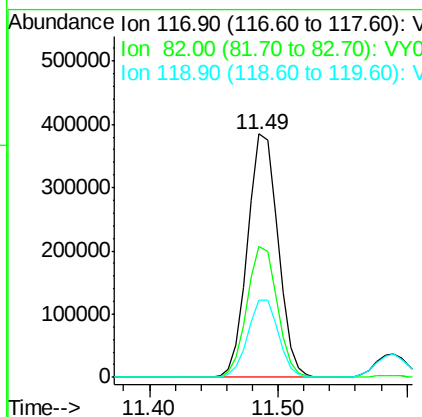
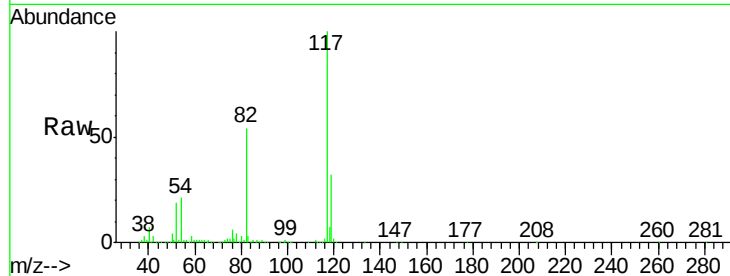
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.7	62.5
119	31.9	25.3	37.9

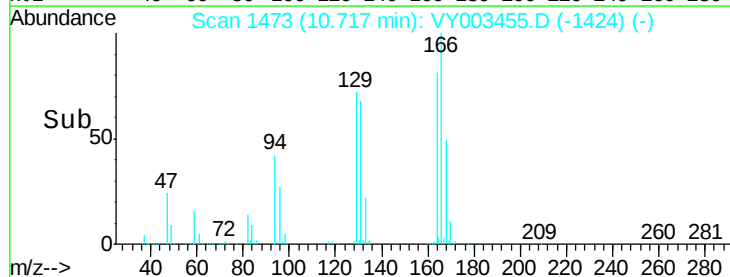
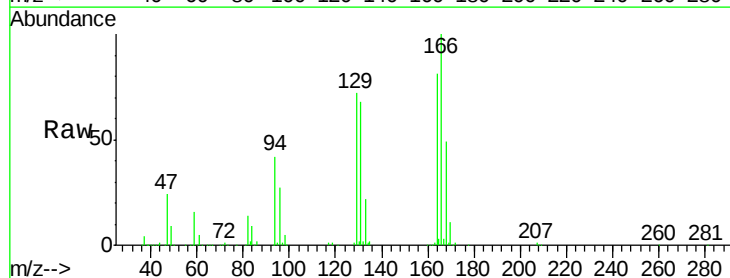
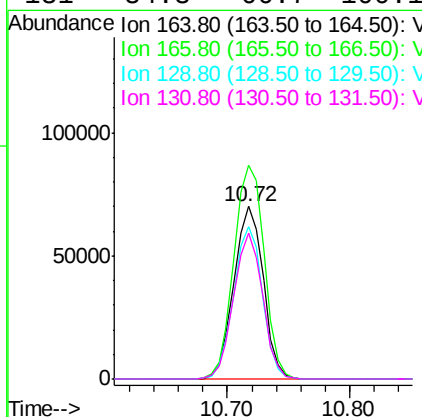
Manual Integrations
APPROVED

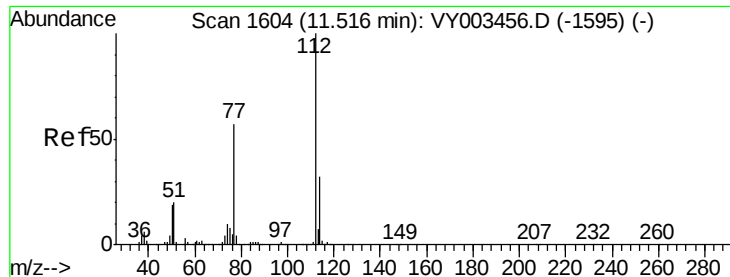
MMDadoda
10/6/2020 12:55:39 PM



#64
Tetrachloroethene
Concen: 22.084 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	103.0	154.6
129	88.6	68.9	103.3
131	84.3	66.7	100.1





#65

Chlorobenzene

Concen: 21.255 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 259702

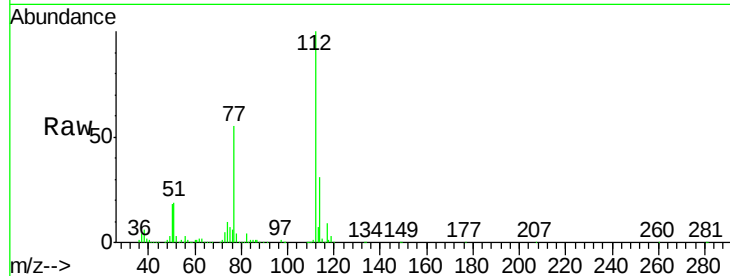
Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.6

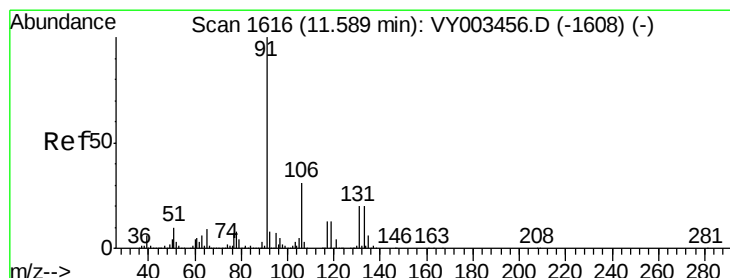
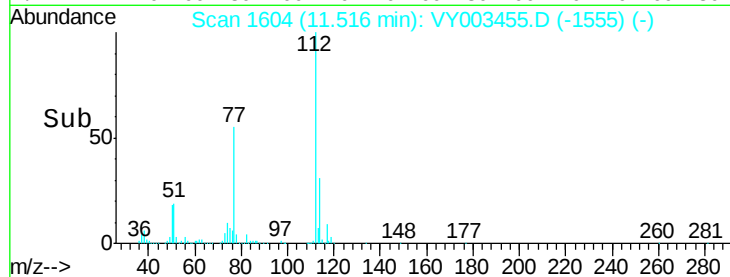
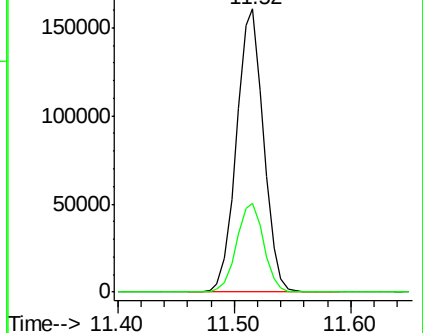
Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:55:39 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.521 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

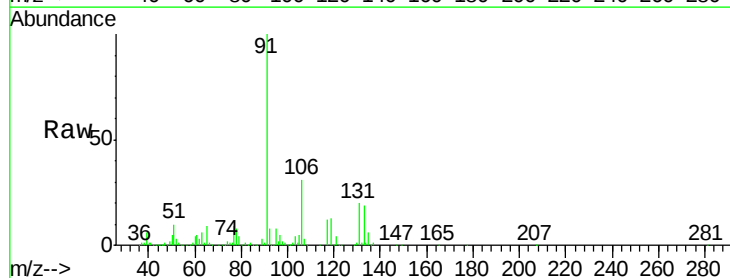
Tgt Ion:131 Resp: 97490

Ion Ratio Lower Upper

131 100

133 97.1 48.3 144.8

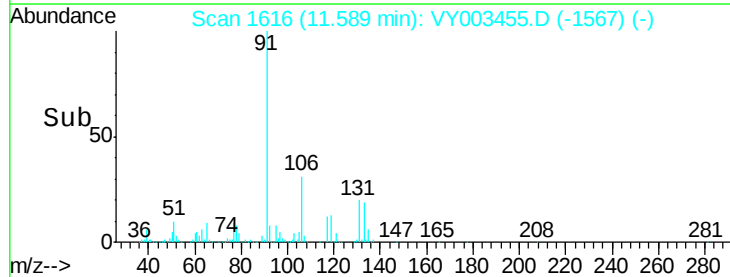
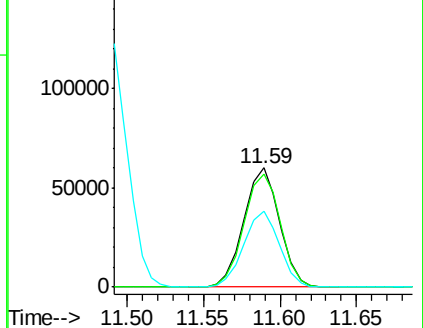
119 63.8 31.5 94.5

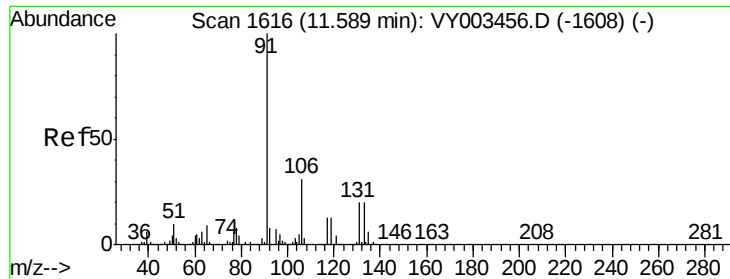


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.944 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 461247

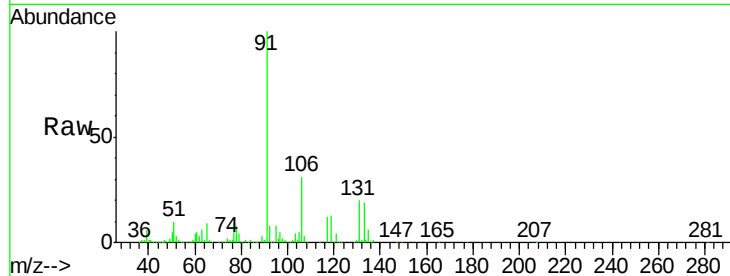
Ion Ratio Lower Upper

91 100

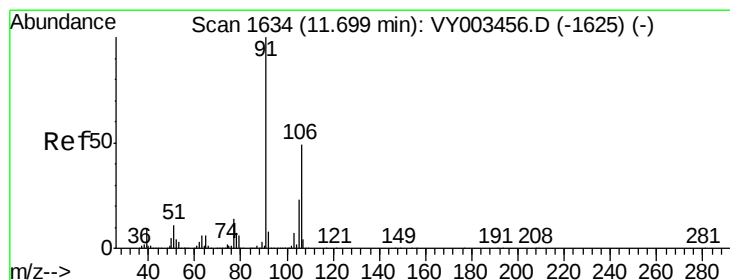
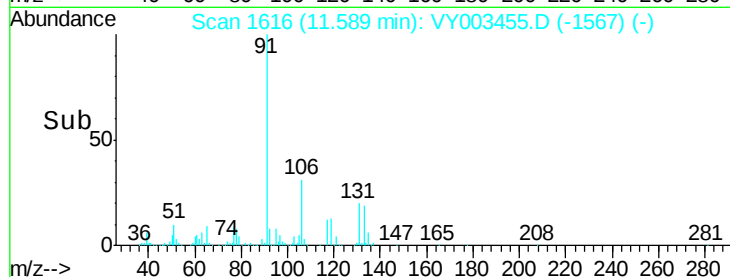
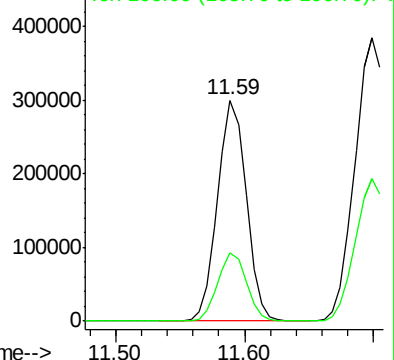
106 31.2 25.2 37.8

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:55:39 PM



Abundance Ion 91.00 (90.70 to 91.70): VY003456.D (-1608) (-)



#68

m/p-Xylenes

Concen: 42.320 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003455.D

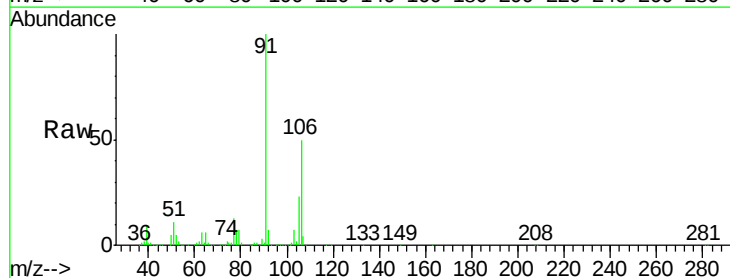
Acq: 05 Oct 2020 15:50

Tgt Ion: 106 Resp: 352150

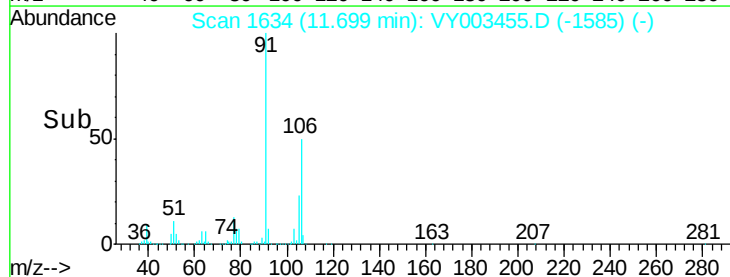
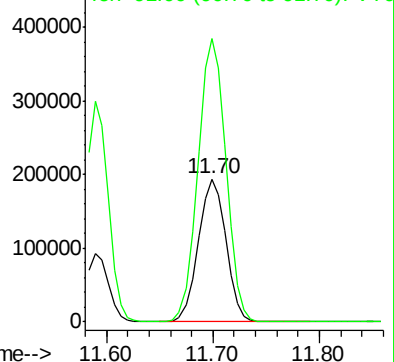
Ion Ratio Lower Upper

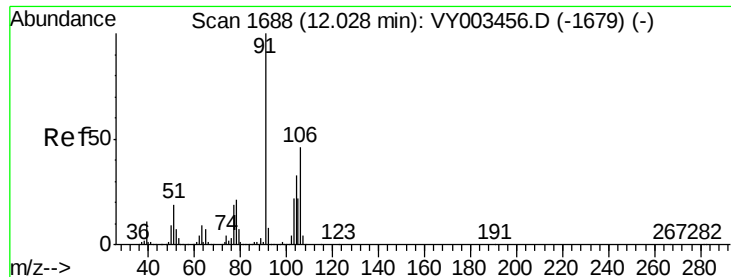
106 100

91 200.7 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): VY003456.D (-1625) (-)





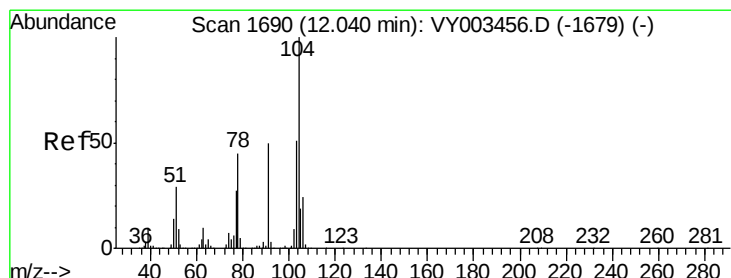
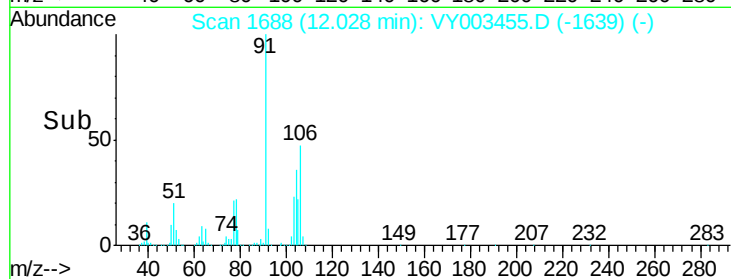
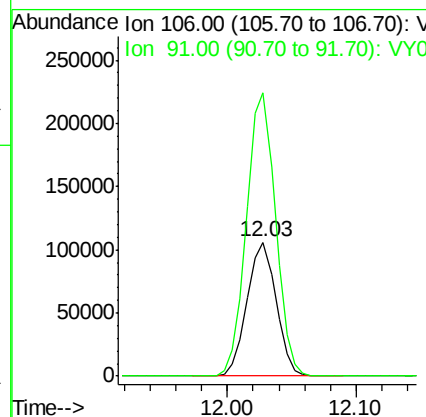
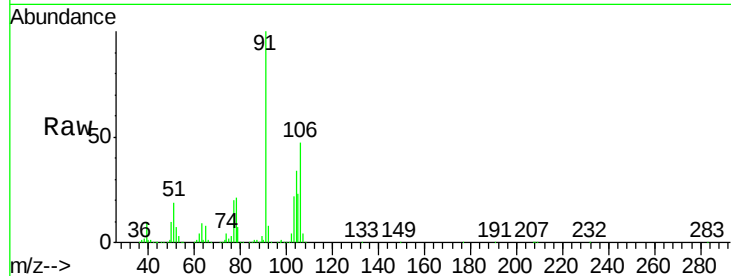
#69
o-Xylene
Concen: 21.217 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	165101		
91	91	211.4	106.8	320.4	

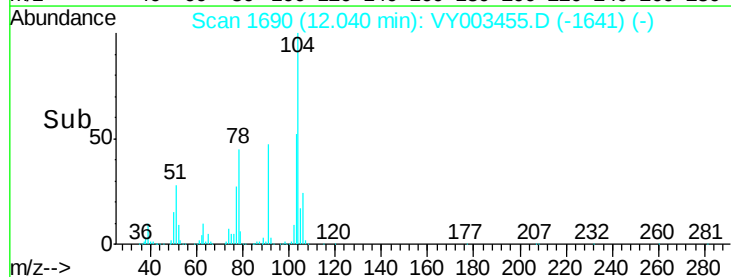
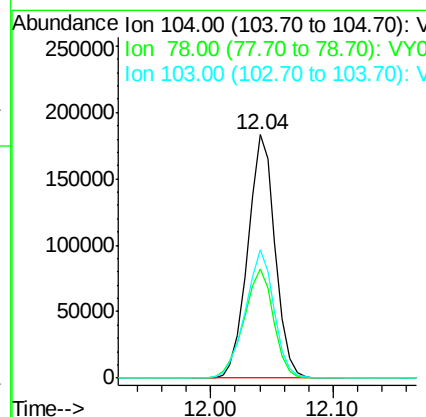
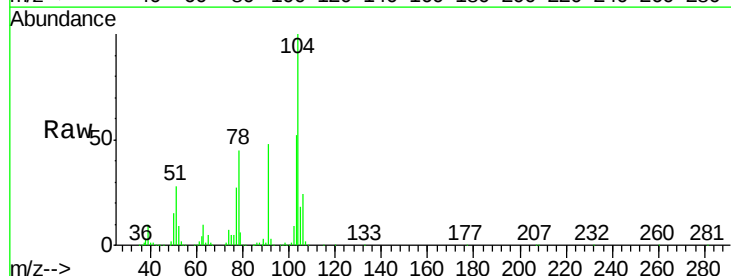
Manual Integrations
APPROVED

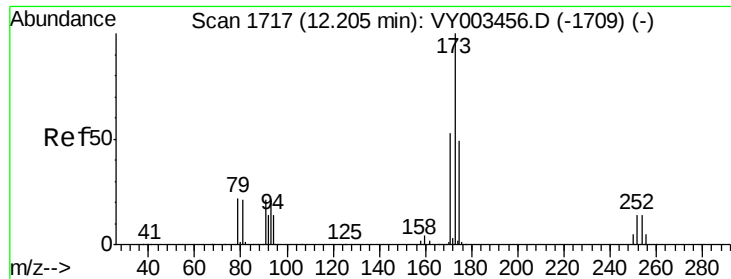
MMDadoda
10/6/2020 12:55:39 PM



#70
Styrene
Concen: 21.241 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	283259		
78	78	48.7	39.0	58.6	
103	103	55.4	44.2	66.4	





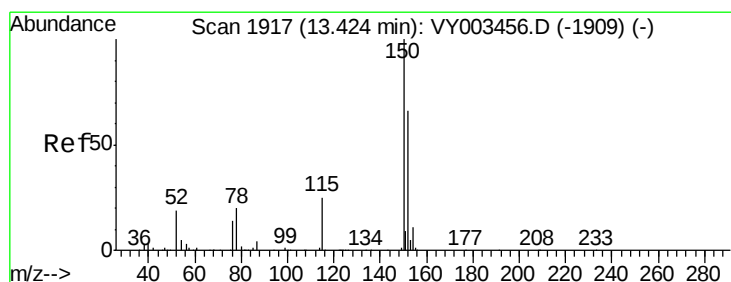
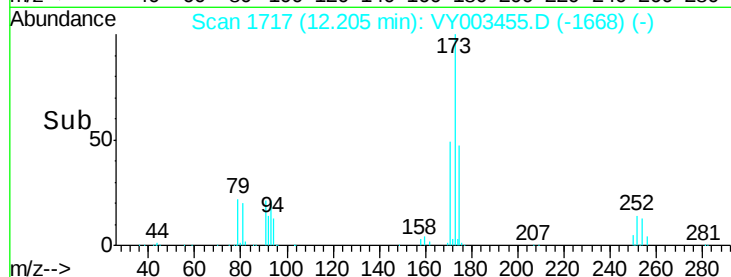
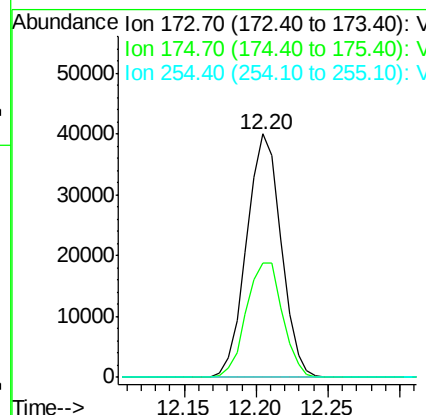
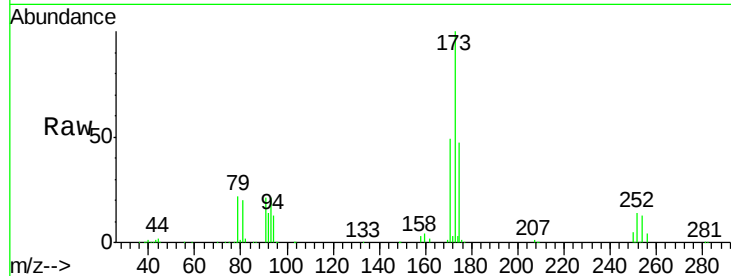
#71
Bromoform
Concen: 21.399 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.9	74.7
254	0.0	0.2	0.4

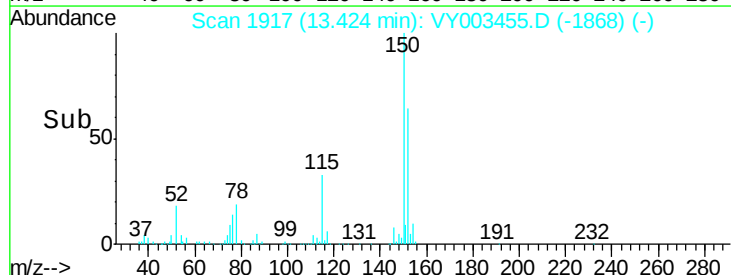
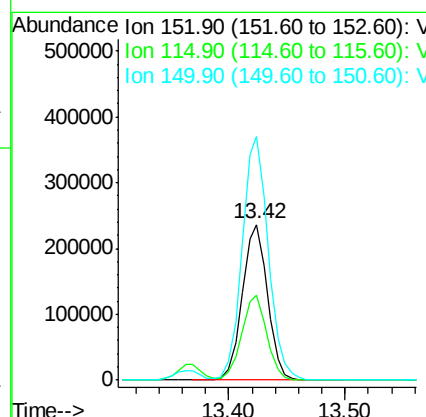
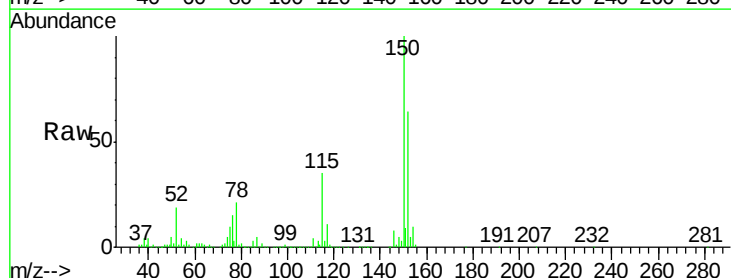
Manual Integrations
APPROVED

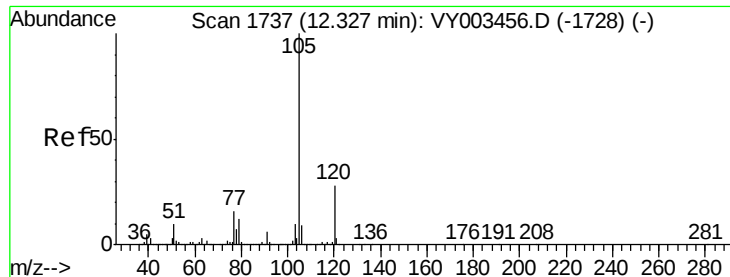
MMDadoda
10/6/2020 12:55:39 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.0	80.8
150	162.7	0.0	343.6





#73

Isopropylbenzene

Concen: 20.120 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 456660

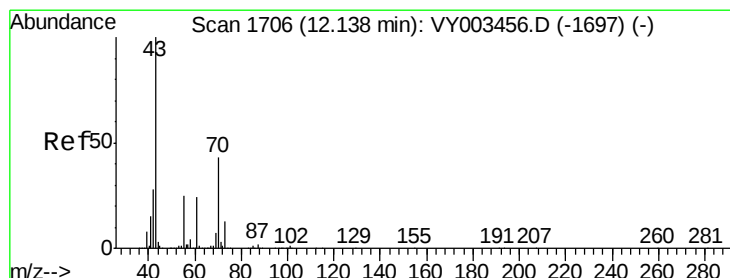
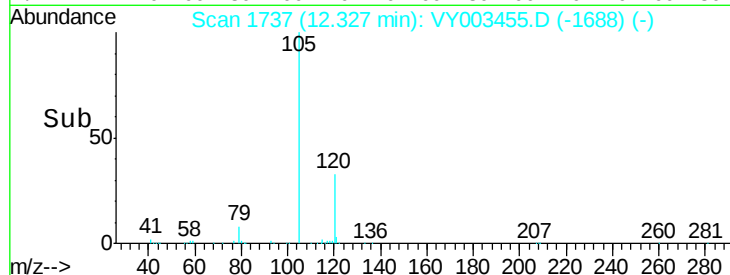
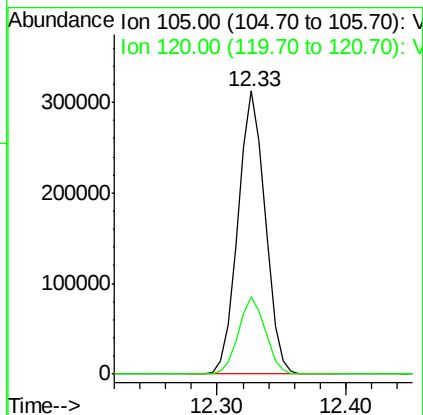
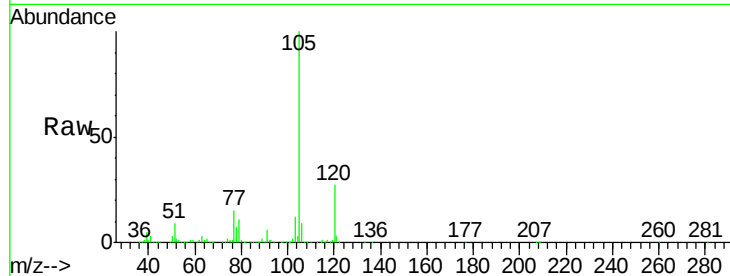
Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.0

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:55:39 PM



#74

N-ethyl acetate

Concen: 19.700 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Tgt Ion: 43 Resp: 131365

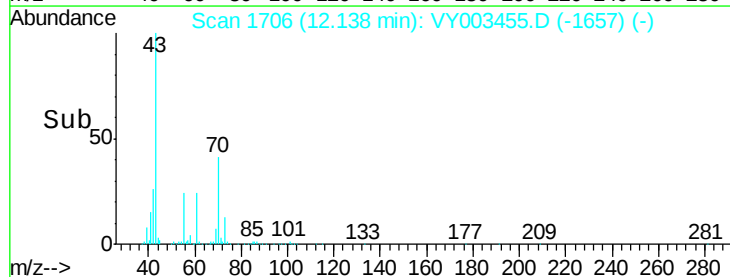
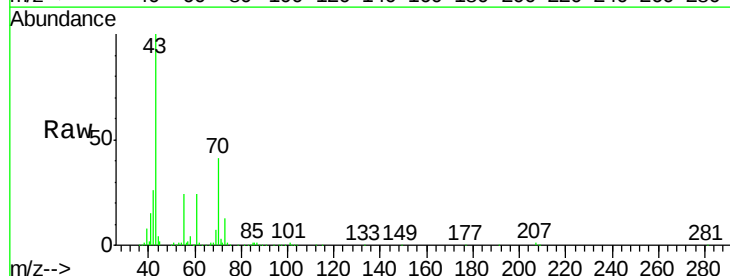
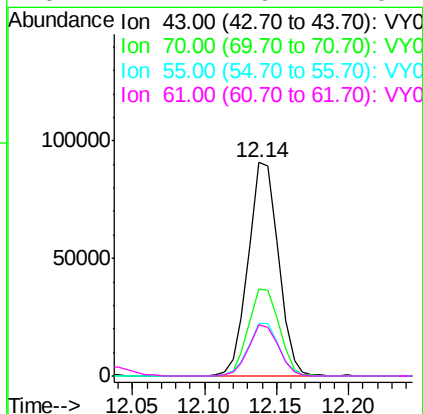
Ion Ratio Lower Upper

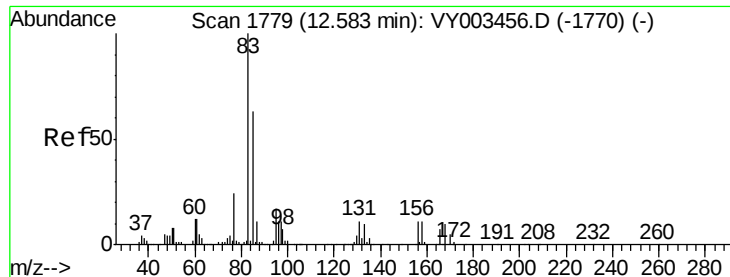
43 100

70 41.9 34.0 51.0

55 25.4 19.5 29.3

61 24.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.880 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

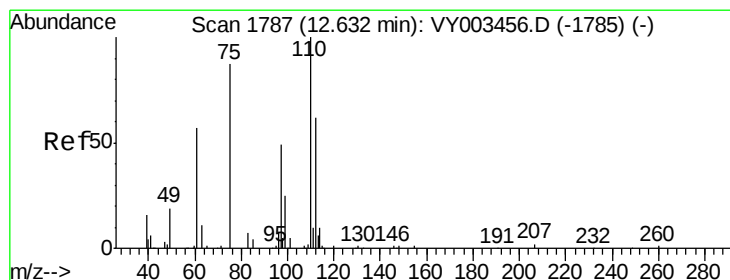
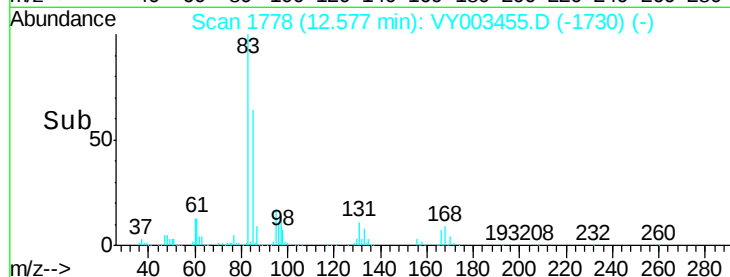
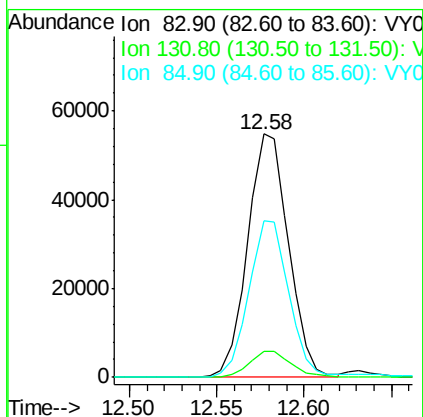
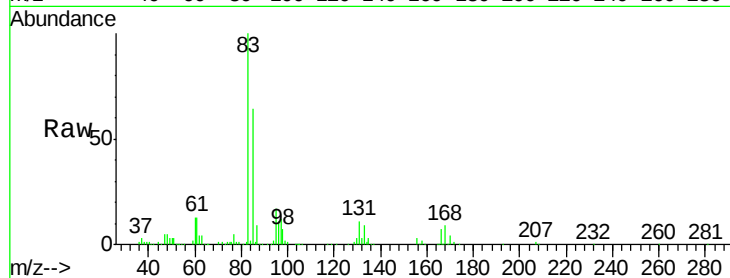
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	88977
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.6	16.8
85	63.3	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.516 ug/l m

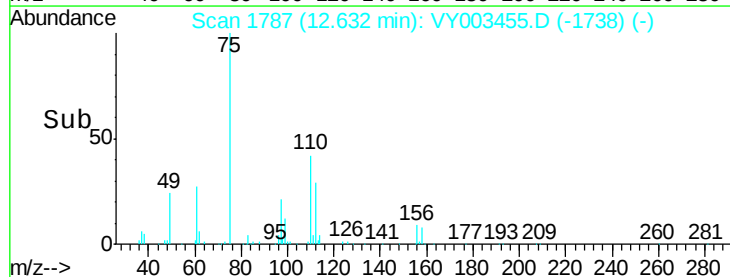
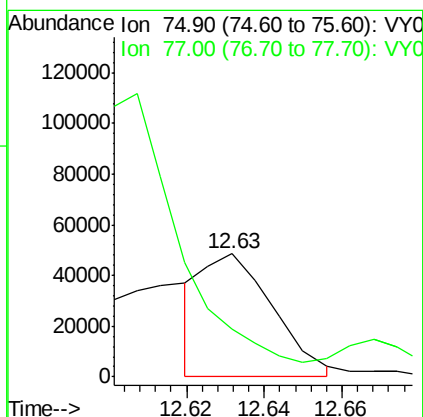
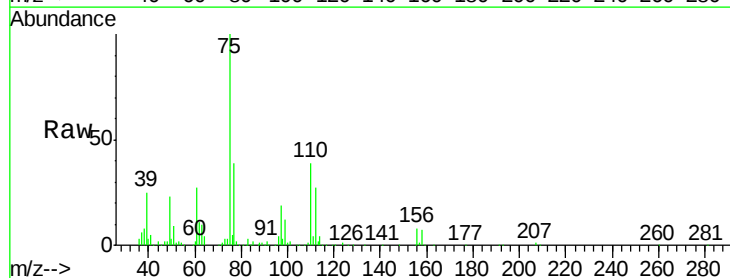
RT: 12.63 min Scan# 1787

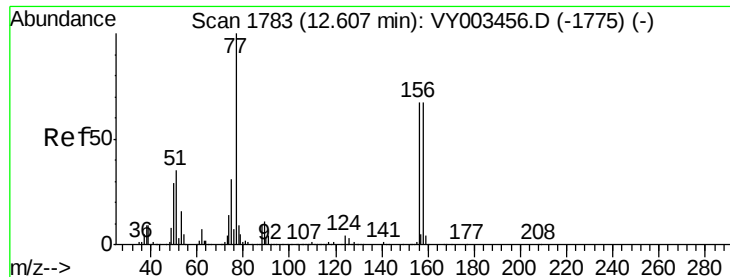
Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Tgt Ion:	75	Resp:	61747
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.824 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

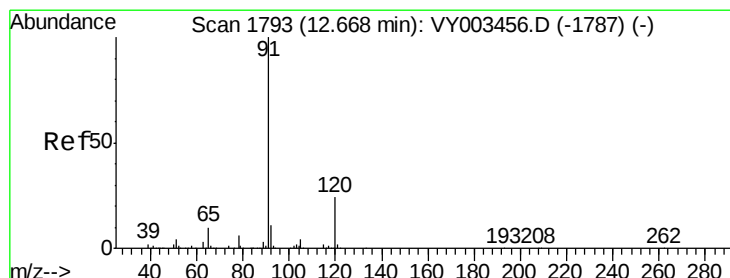
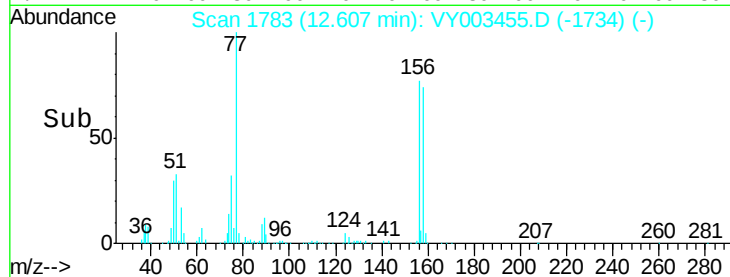
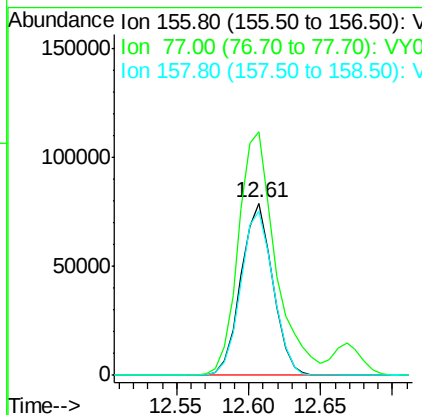
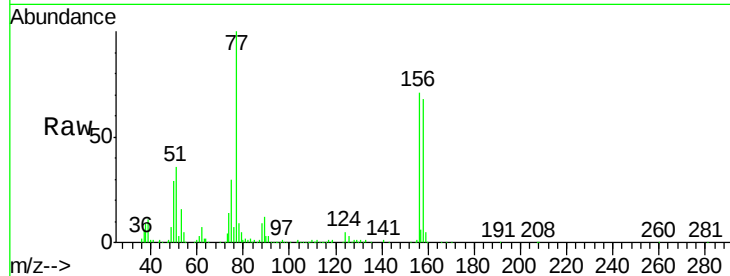
ClientSampleId :

VSTDIC020

Tot Ion:	156	Resp:	120647
Ion Ratio	Lower	Upper	
156	100		
77	165.6	84.5	253.4
158	97.5	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 19.985 ug/l

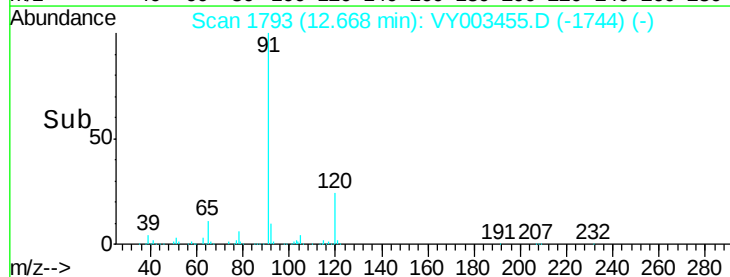
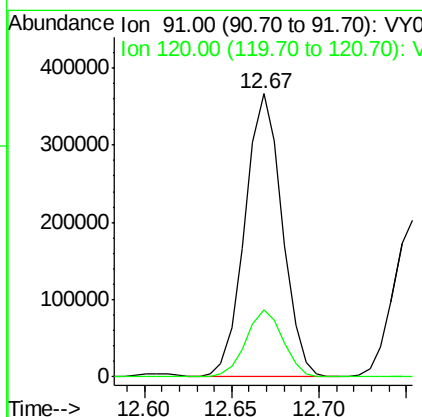
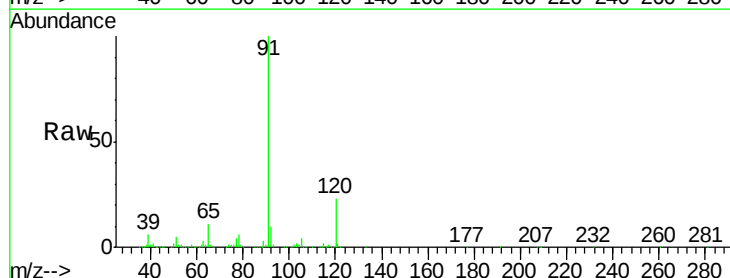
RT: 12.67 min Scan# 1793

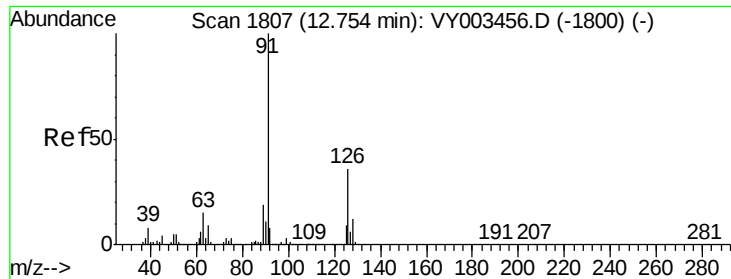
Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Tgt Ion:	91	Resp:	541432
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9





#79

2-Chlorotoluene

Concen: 20.306 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 306354

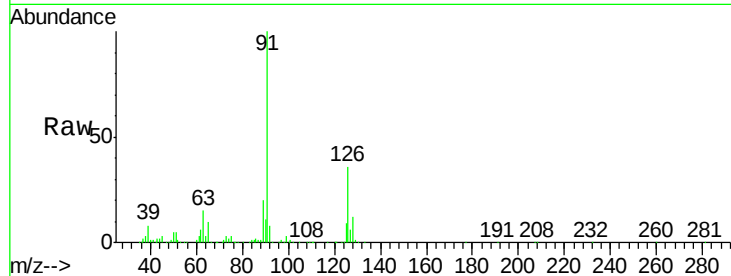
Ion Ratio Lower Upper

91 100

126 36.0 17.8 53.3

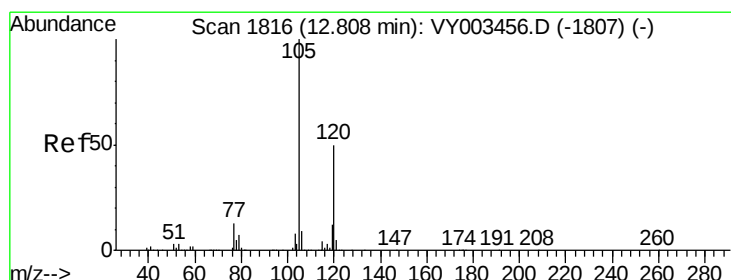
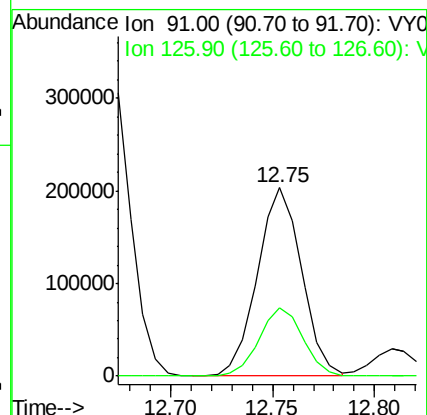
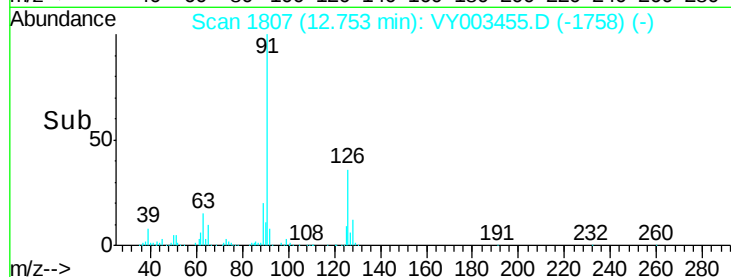
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY003455.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY003455.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.518 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003455.D

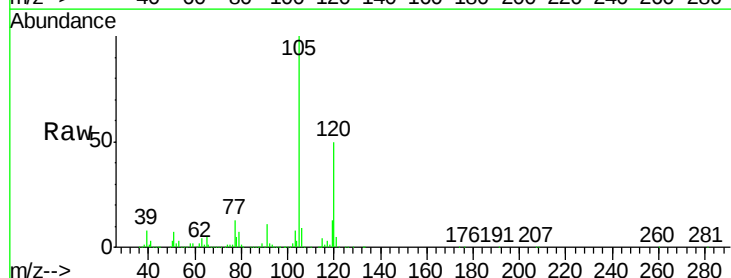
Acq: 05 Oct 2020 15:50

Tgt Ion: 105 Resp: 392682

Ion Ratio Lower Upper

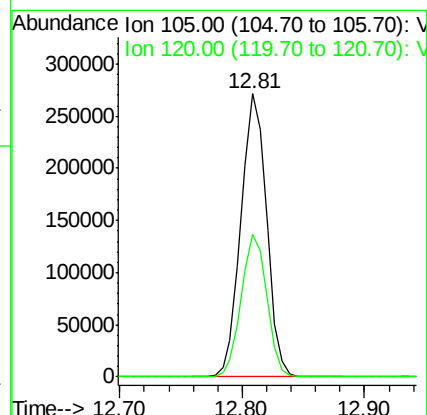
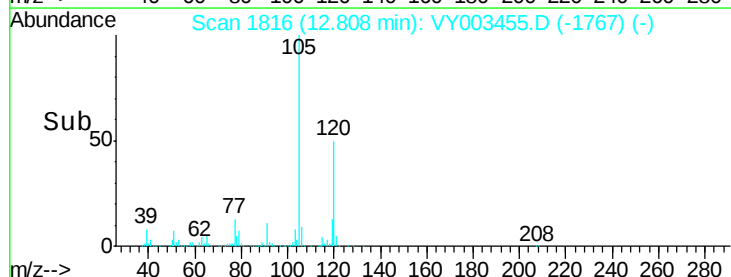
105 100

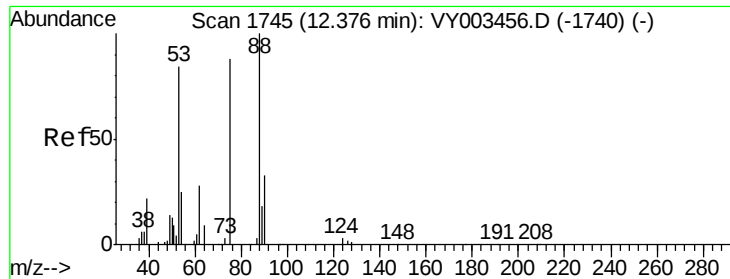
120 50.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VY003455.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY003455.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.107 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

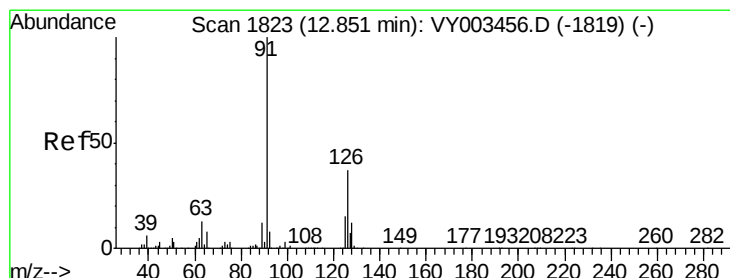
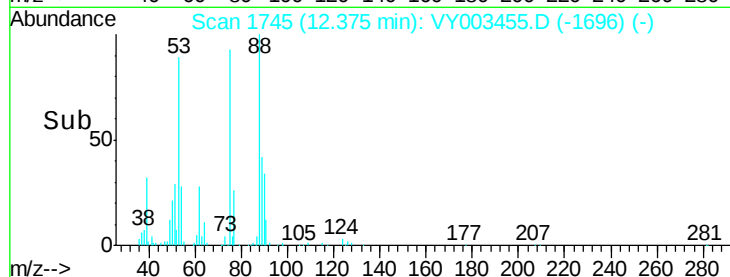
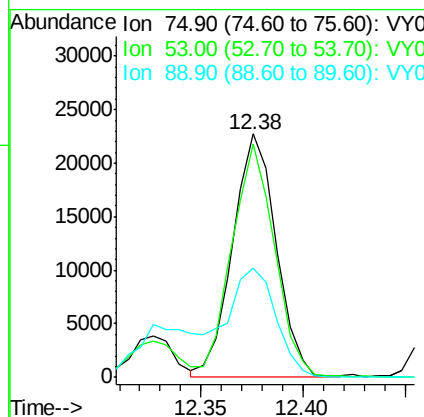
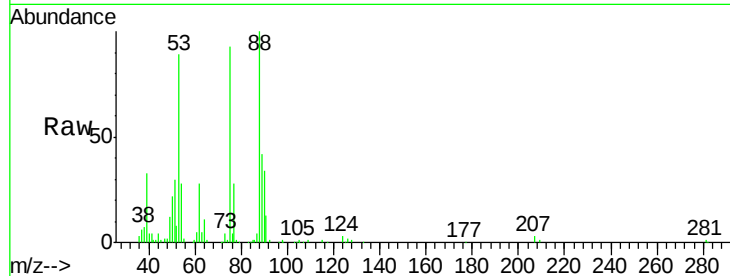
ClientSampleId :

VSTDIC020

Tot Ion:	75	Resp:	33626
Ion	Ratio	Lower	Upper
75	100		
53	93.8	74.2	111.2
89	50.2	36.2	54.4

Manual Integrations
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10/6/2020 12:55:39 PM



#82

4-Chlorotoluene

Concen: 20.802 ug/l

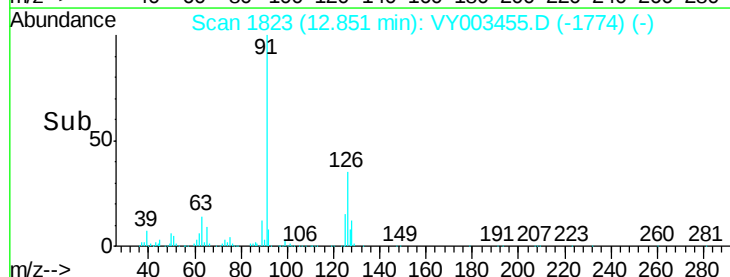
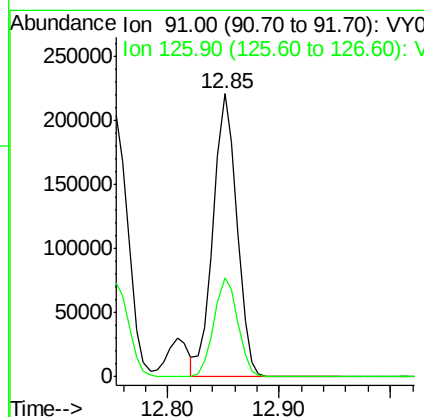
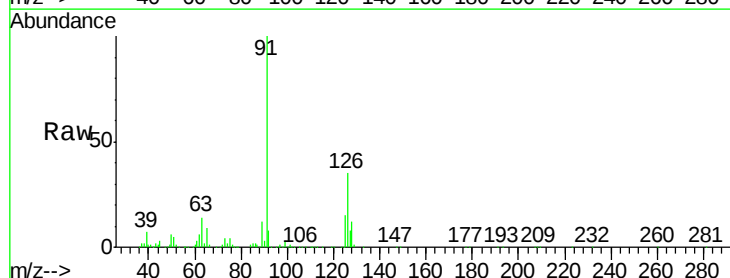
RT: 12.85 min Scan# 1823

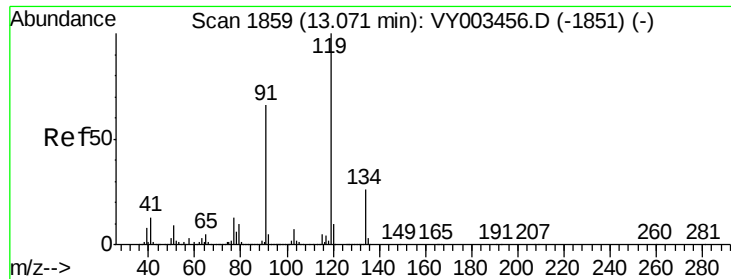
Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Tgt Ion:	91	Resp:	326312
Ion	Ratio	Lower	Upper
91	100		
126	35.3	18.1	54.4





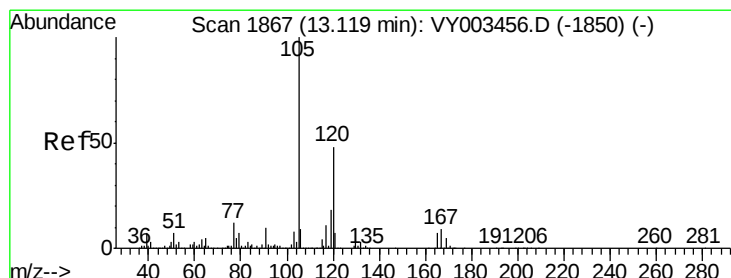
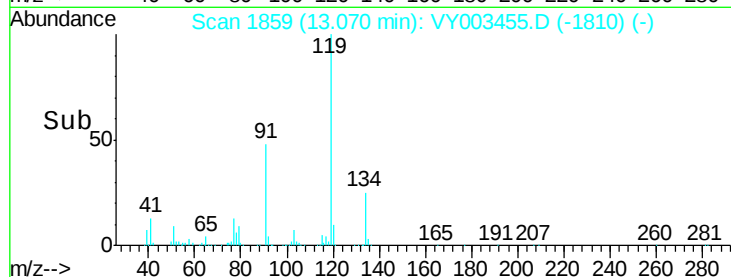
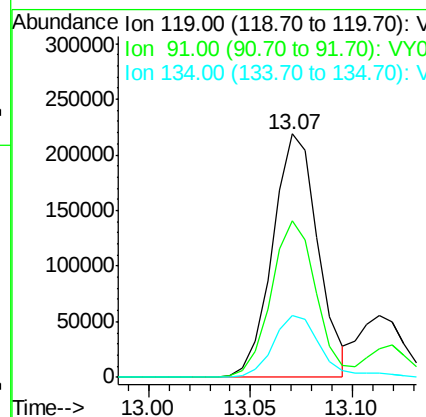
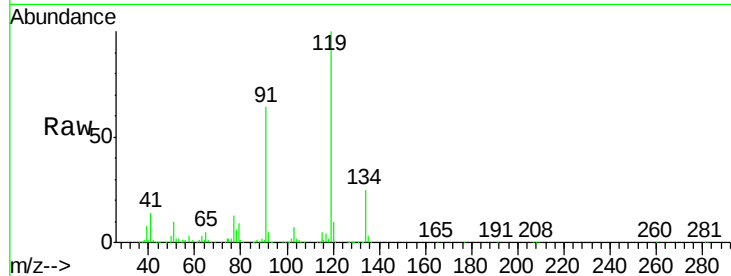
#83
tert-Butylbenzene
Concen: 20.501 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.1	32.5	97.4
134	26.8	13.6	40.8

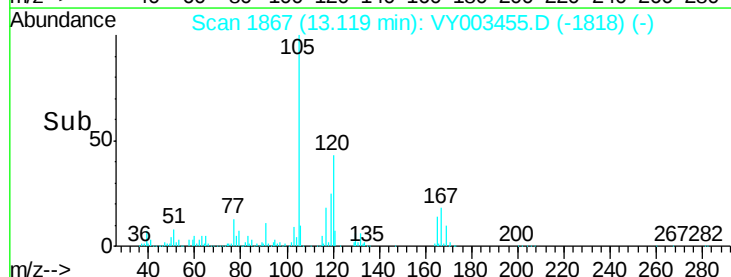
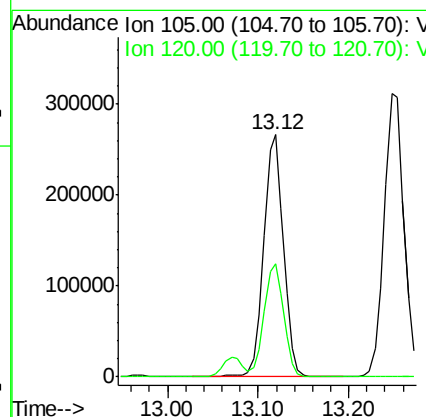
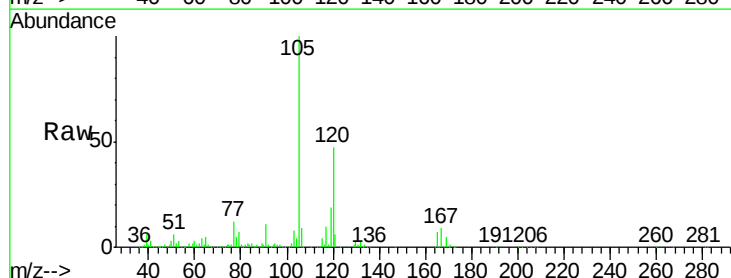
Manual Integrations
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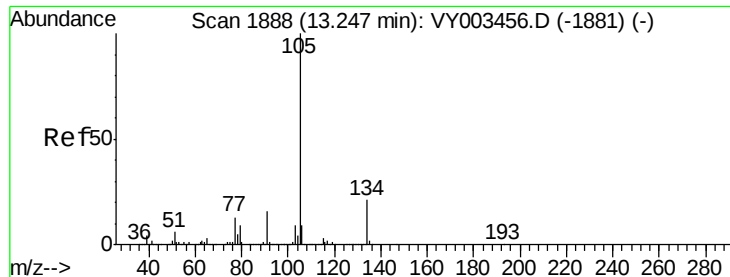
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.806 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.5	70.5





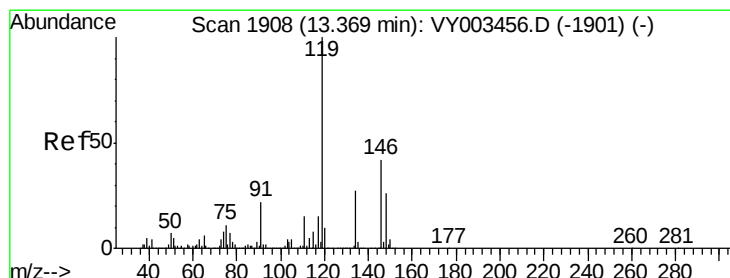
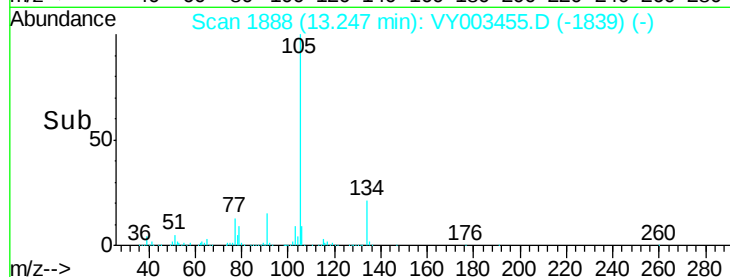
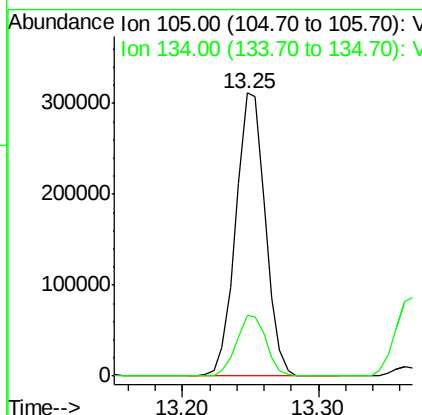
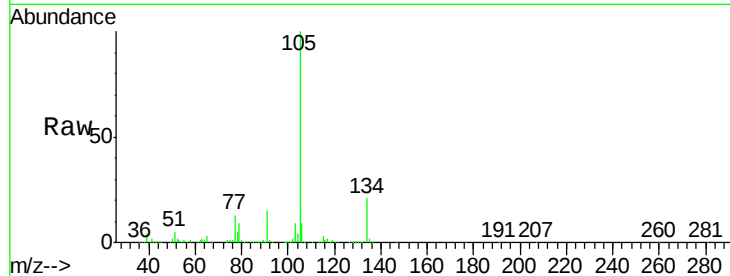
#85
 sec-Butylbenzene
 Concen: 20.358 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.6	31.8

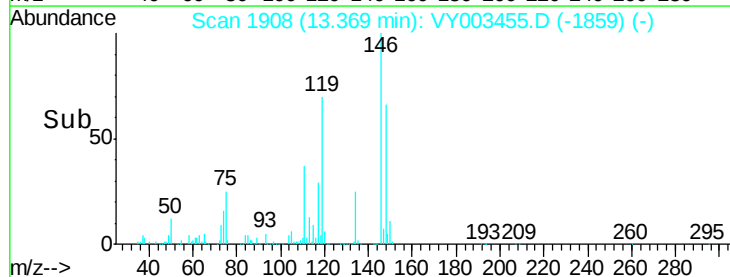
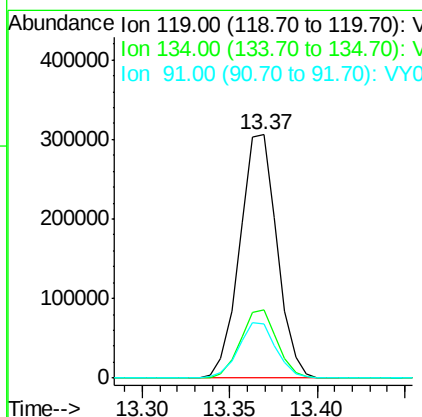
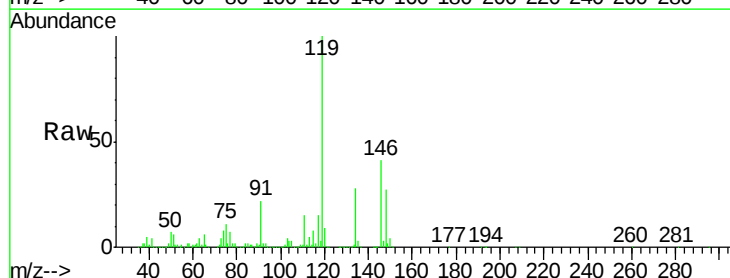
Manual Integrations
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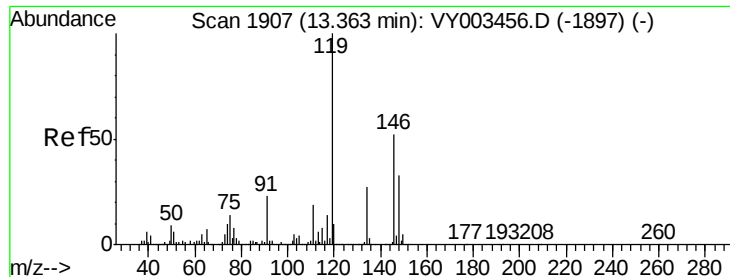
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#86
 p-Isopropyltoluene
 Concen: 20.899 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.4	40.1
91	22.9	11.4	34.2





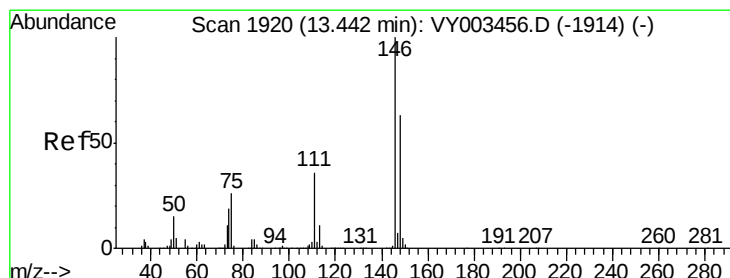
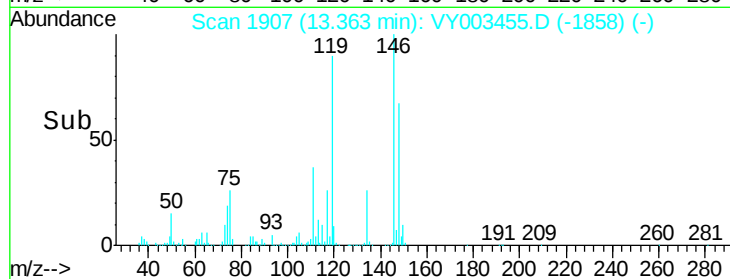
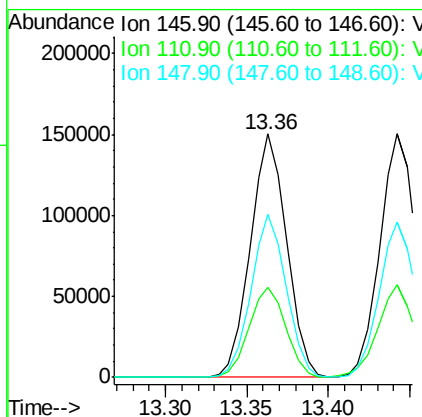
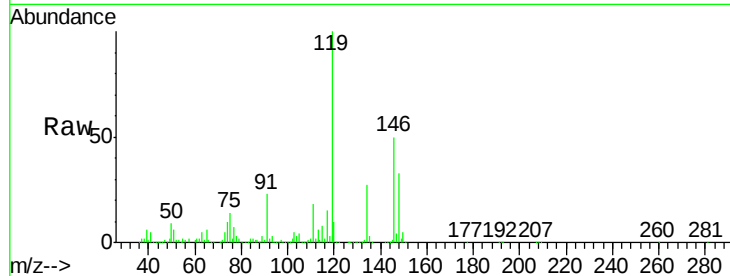
#87
 1,3-Dichlorobenzene
 Concen: 20.947 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.0
148	64.9	31.9	95.5

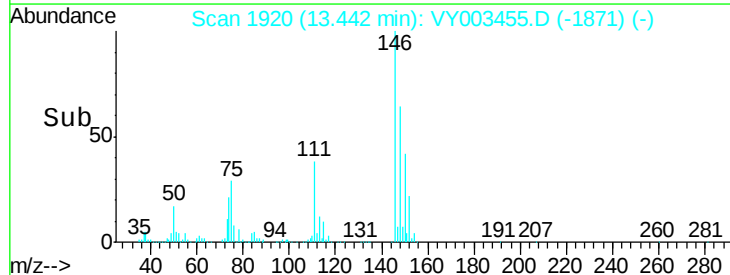
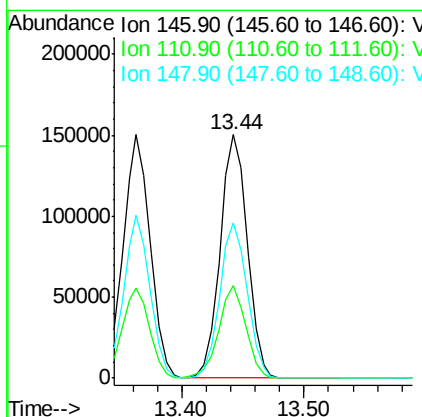
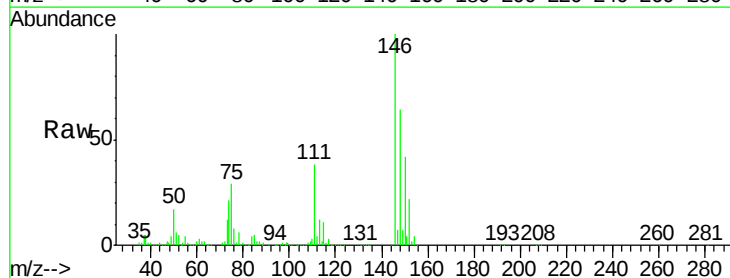
Manual Integrations
 APPROVED

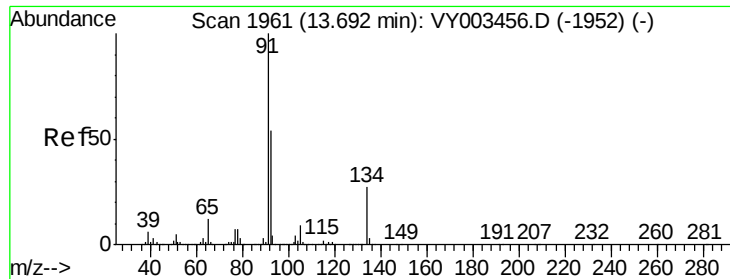
MMDadoda
 10/6/2020 12:55:39 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.159 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.0
148	64.7	32.4	97.0





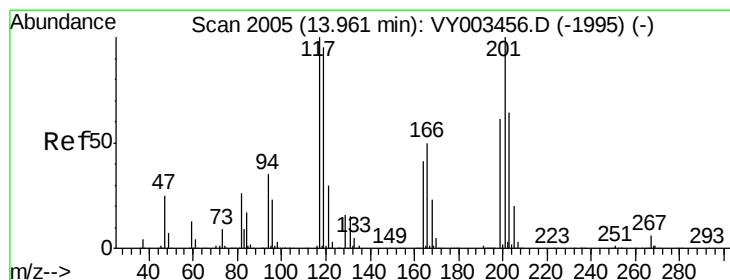
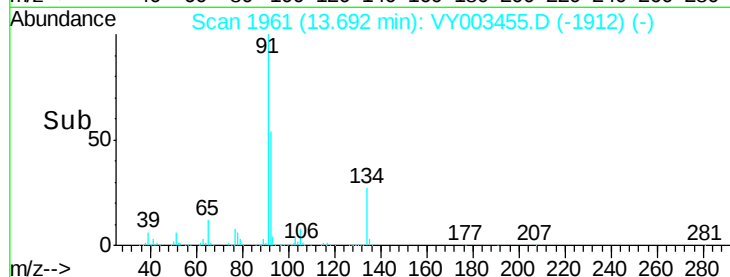
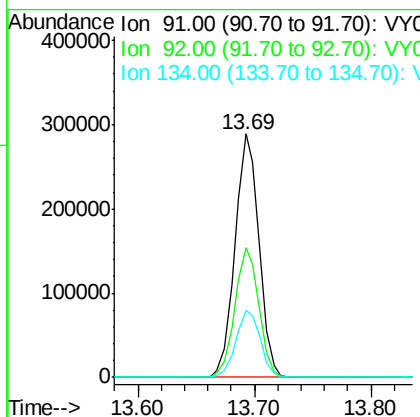
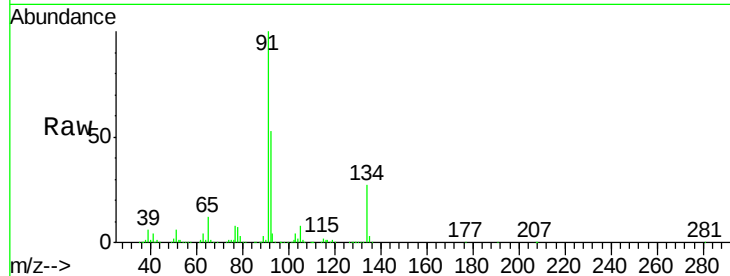
#89
n-Butylbenzene
Concen: 20.366 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.8
134	27.9	14.1	42.4

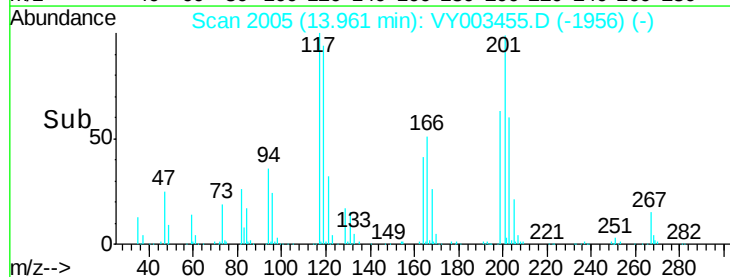
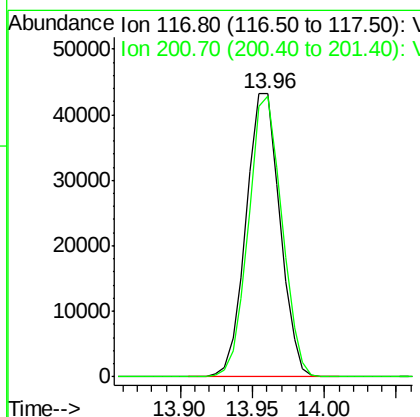
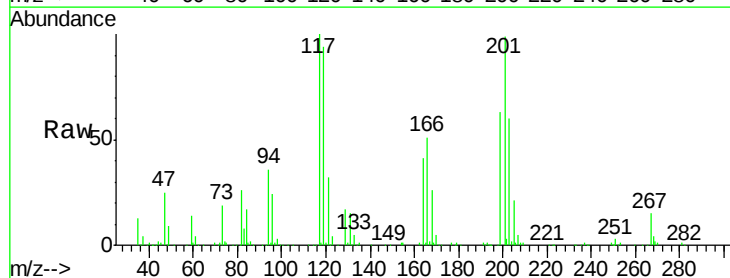
Manual Integrations
APPROVED

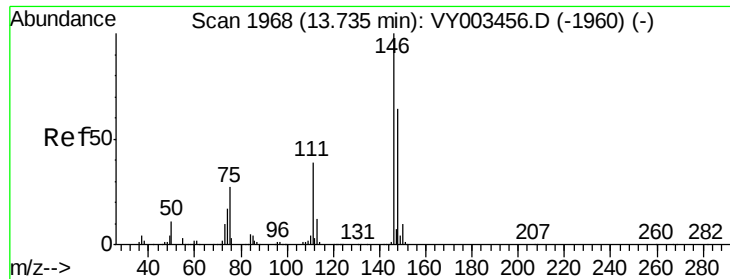
MMDadoda
10/6/2020 12:55:39 PM



#90
Hexachloroethane
Concen: 17.498 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003455.D
Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.4	48.3	144.8





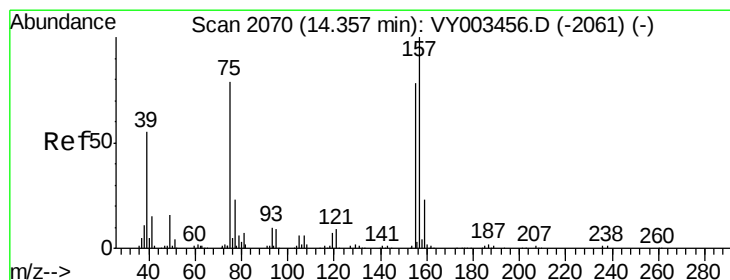
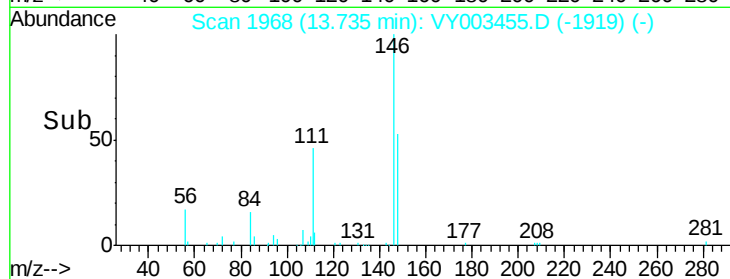
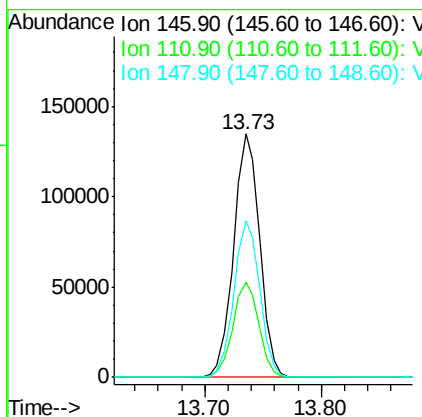
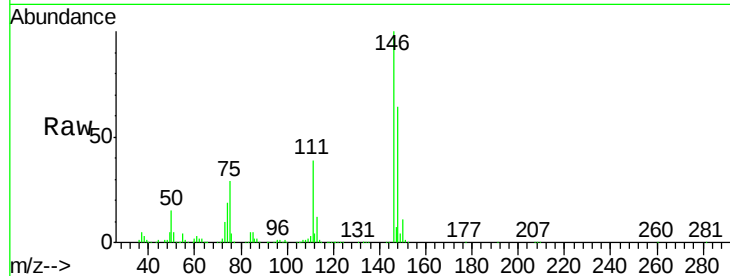
#91
 1,2-Dichlorobenzene
 Concen: 21.430 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.5
148	64.0	32.1	96.3

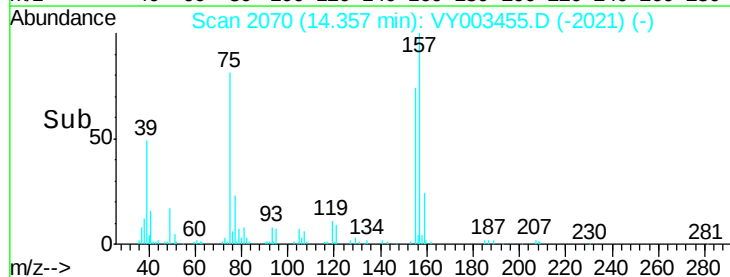
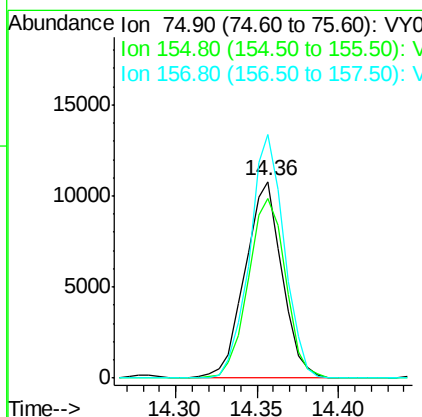
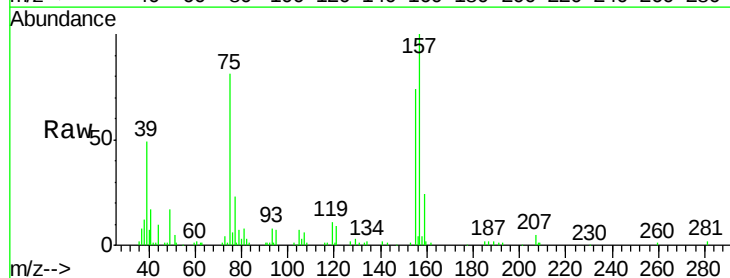
Manual Integrations
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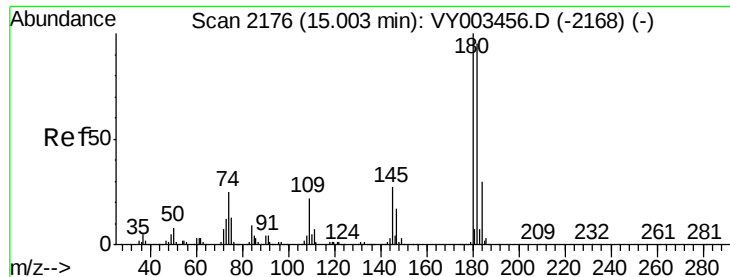
MMDadoda
 10/6/2020 12:55:39 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.051 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.9	47.8	143.3
157	116.0	60.8	182.4





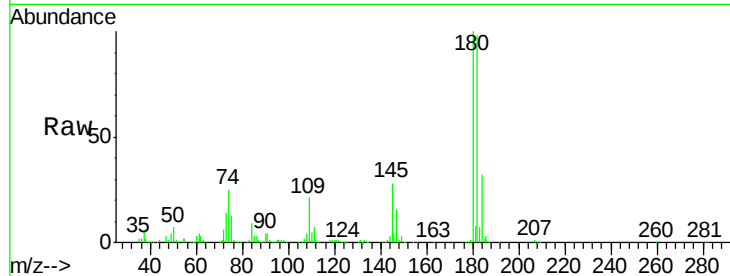
#93
 1,2,4-Trichlorobenzene
 Concen: 22.434 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

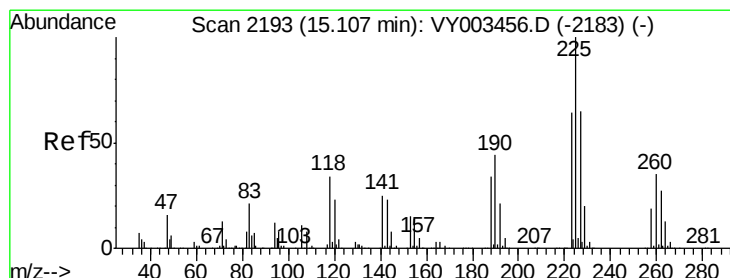
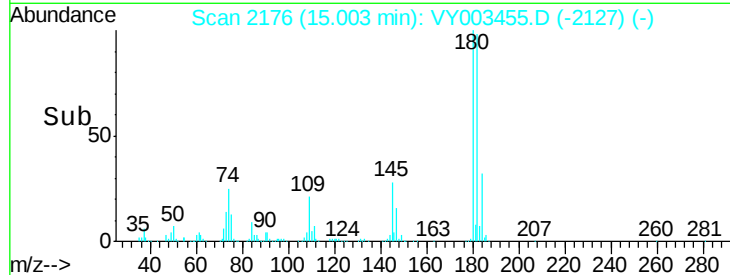
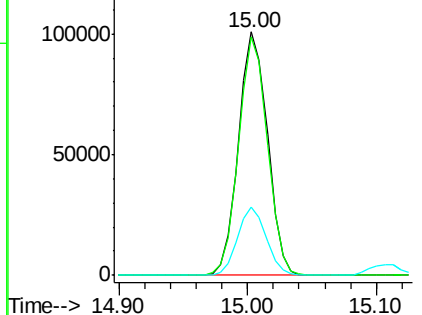
Tot Ion	Ratio	Resp	Lower	Upper
180	100	156906		
182	97.1	48.0	144.0	
145	27.7	13.5	40.5	

Manual Integrations
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 10/6/2020 12:55:39 PM

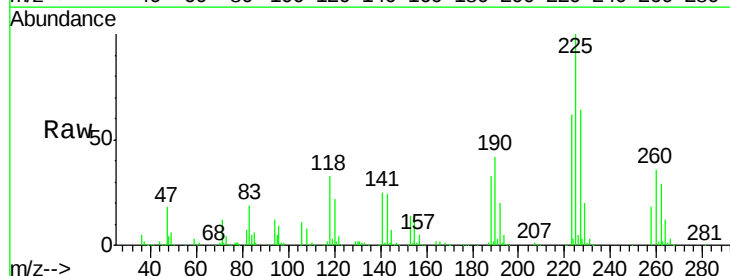


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

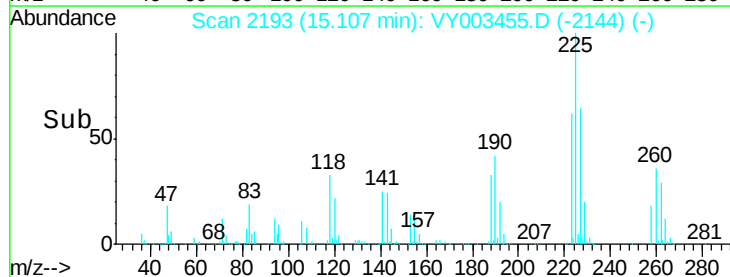
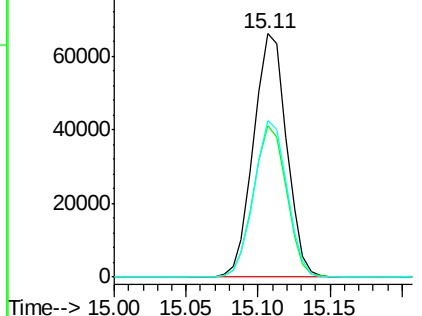


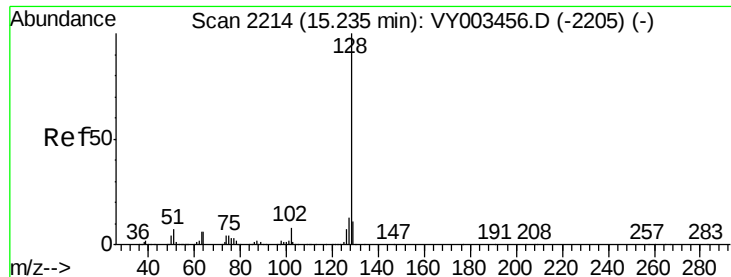
#94
 Hexachlorobutadiene
 Concen: 22.647 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003455.D
 Acq: 05 Oct 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104472		
223	62.3	31.4	94.0	
227	64.3	32.5	97.4	



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: 23.089 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Instrument :

MSVOA_Y

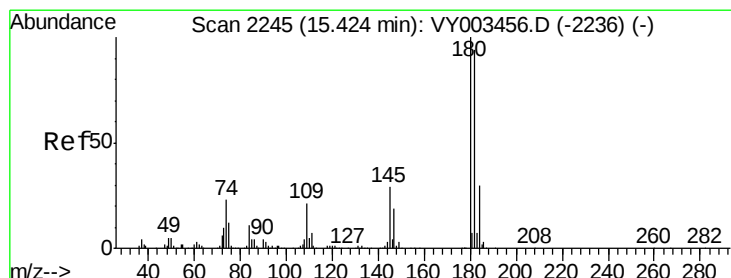
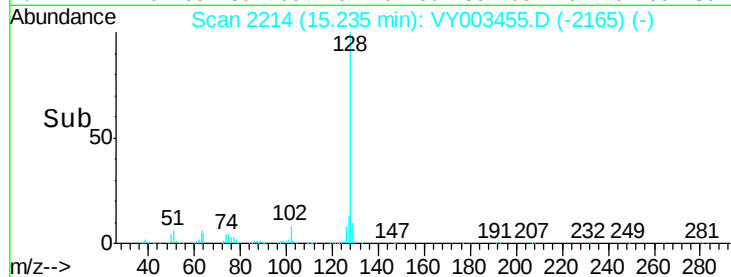
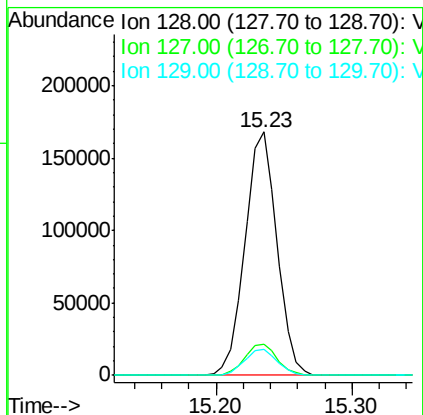
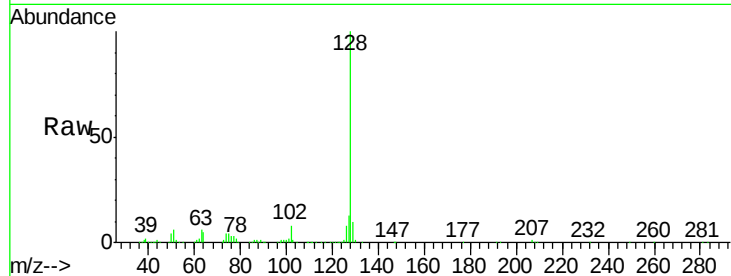
ClientSampleId :

VSTDIC020

Tot Ion:	128	Resp:	276195
Ion Ratio		Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 24.066 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003455.D

Acq: 05 Oct 2020 15:50

Tgt Ion:	180	Resp:	137652
Ion Ratio		Lower	Upper
180	100		
182	94.4	47.5	142.6
145	28.8	14.4	43.4

