

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003521.D
 Acq On : 05 Nov 2020 16:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Quant Time: Nov 06 00:07:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	257419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	361858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	329630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	118732	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
35) Dibromofluoromethane	7.72	113	107895	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	10.18	98	440816	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.48	95	146987	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	90888	44.624	ug/l	98
3) Chloromethane	2.12	50	120911	45.094	ug/l	98
4) Vinyl Chloride	2.26	62	135762	45.107	ug/l	100
5) Bromomethane	2.66	94	99992	39.764	ug/l	99
6) Chloroethane	2.80	64	87828	48.959	ug/l	98
7) Trichlorofluoromethane	3.13	101	184664	48.337	ug/l	100
8) Diethyl Ether	3.54	74	55294	47.198	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	108293	51.287	ug/l	98
10) Methyl Iodide	4.10	142	113226	52.038	ug/l	100
11) Tert butyl alcohol	4.96	59	49144	181.708	ug/l	98
12) 1,1-Dichloroethene	3.88	96	103272	49.157	ug/l	99
13) Acrolein	3.74	56	45601	208.214	ug/l	97
14) Allyl chloride	4.49	41	182794	47.692	ug/l	99
15) Acrylonitrile	5.17	53	124014	198.310	ug/l	99
16) Acetone	3.96	43	161807	185.863	ug/l	97
17) Carbon Disulfide	4.20	76	324054	47.614	ug/l	99
18) Methyl Acetate	4.49	43	64716	39.337	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	242402	46.585	ug/l	99
20) Methylene Chloride	4.72	84	116504	47.519	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	119423	49.092	ug/l	99
22) Diisopropyl ether	6.12	45	338256	50.316	ug/l	99
23) Vinyl Acetate	6.07	43	1137102	225.087	ug/l	100
24) 1,1-Dichloroethane	6.03	63	213892	50.069	ug/l	99
25) 2-Butanone	6.99	43	203045	186.480	ug/l	100
26) 2,2-Dichloropropane	6.99	77	197880	49.720	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	132094	50.112	ug/l	100
28) Bromochloromethane	7.34	49	102737	47.804	ug/l	98
29) Tetrahydrofuran	7.35	42	106863	187.825	ug/l	99
30) Chloroform	7.51	83	211102	50.311	ug/l	95
31) Cyclohexane	7.78	56	180037	45.516	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	194413	49.666	ug/l	99
36) 1,1-Dichloropropene	7.92	75	172598	50.589	ug/l	100
37) Ethyl Acetate	7.08	43	82121	38.763	ug/l	100
38) Carbon Tetrachloride	7.90	117	178229	50.356	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	186911	49.201	ug/l	99
40) Benzene	8.16	78	476800	50.218	ug/l	99
41) Methacrylonitrile	7.32	41	47094m	41.627	ug/l	
42) 1,2-Dichloroethane	8.24	62	141154	47.447	ug/l	99
43) Isopropyl Acetate	8.27	43	157851	41.459	ug/l	97
44) Trichloroethene	8.94	130	135771	50.937	ug/l	98 MMDadoda
45) 1,2-Dichloropropane	9.22	63	120355	50.196	ug/l	99
46) Dibromomethane	9.30	93	62089	47.068	ug/l	98
47) Bromodichloromethane	9.50	83	163462	50.628	ug/l	98
48) Methyl methacrylate	9.29	41	74966	41.798	ug/l	98
49) 1,4-Dioxane	9.30	88	12948	786.659	ug/l	99 11/6/2020 9:27:11 AM
51) 4-Methyl-2-Pentanone	10.07	43	407952	201.102	ug/l	99
52) Toluene	10.24	92	302272	50.900	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	166214	48.375	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	193979	50.170	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	89114	47.589	ug/l	98
56) Ethyl methacrylate	10.51	69	115016	45.856	ug/l	100
57) 1,3-Dichloropropane	10.79	76	156530	48.073	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	290943	228.819	ug/l	99
59) 2-Hexanone	10.83	43	294159	195.848	ug/l	99
60) Dibromochloromethane	10.99	129	114559	49.776	ug/l	100
61) 1,2-Dibromoethane	11.09	107	83464	46.169	ug/l	99
64) Tetrachloroethene	10.72	164	125778	51.094	ug/l	97
65) Chlorobenzene	11.52	112	324352	50.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	123431	51.108	ug/l	99
67) Ethyl Benzene	11.59	91	589522	50.768	ug/l	98
68) m/p-Xylenes	11.70	106	452255	102.775	ug/l	99
69) o-Xylene	12.03	106	209137	51.666	ug/l	100
70) Styrene	12.04	104	356900	51.928	ug/l	100
71) Bromoform	12.20	173	74953	46.562	ug/l #	99
73) Isopropylbenzene	12.33	105	577361	50.469	ug/l	99
74) N-amyl acetate	12.14	43	137647	42.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	105984	43.373	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	70404m	37.995	ug/l	
77) Bromobenzene	12.61	156	143863	49.495	ug/l	99
78) n-propylbenzene	12.67	91	684115	50.769	ug/l	100
79) 2-Chlorotoluene	12.75	91	379681	50.433	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	487054	51.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	36759	41.405	ug/l	99
82) 4-Chlorotoluene	12.85	91	396209	50.361	ug/l	99
83) tert-Butylbenzene	13.07	119	419603	49.914	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	484289	51.122	ug/l	99
85) sec-Butylbenzene	13.25	105	585029	51.397	ug/l	99
86) p-Isopropyltoluene	13.37	119	545463	51.672	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	275697	50.918	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	272005	50.520	ug/l	99
89) n-Butylbenzene	13.69	91	499778	51.834	ug/l	100
90) Hexachloroethane	13.96	117	90750	51.081	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	242068	50.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17436	39.418	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	172545	50.714	ug/l	100
94) Hexachlorobutadiene	15.11	225	112561	51.428	ug/l	99
95) Naphthalene	15.23	128	301500	44.253	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	151939	49.645	ug/l	98

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

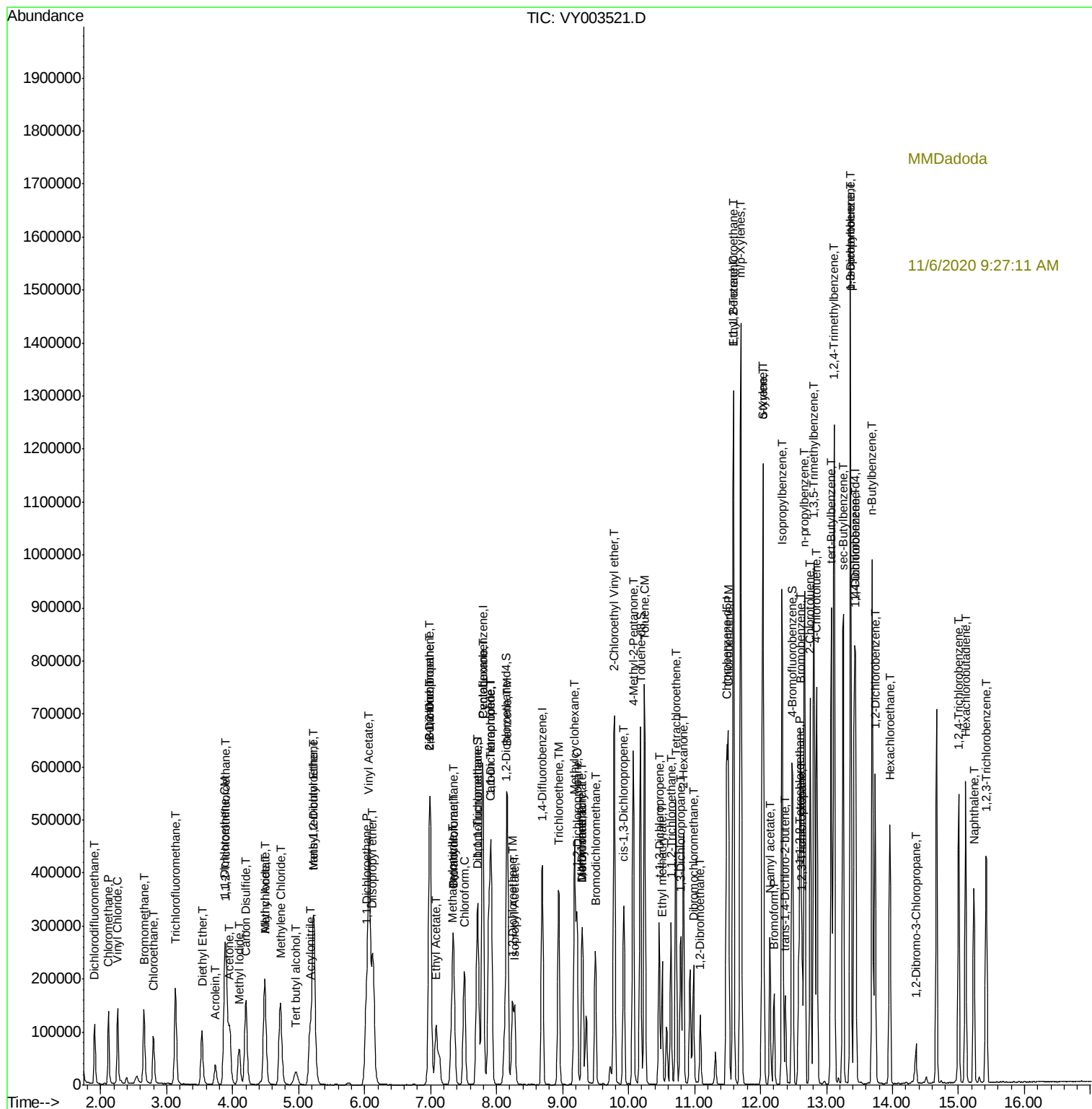
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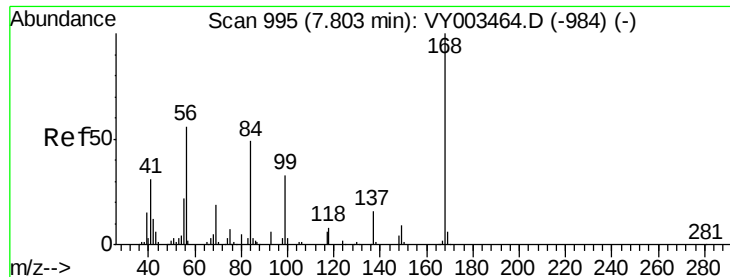
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 257419

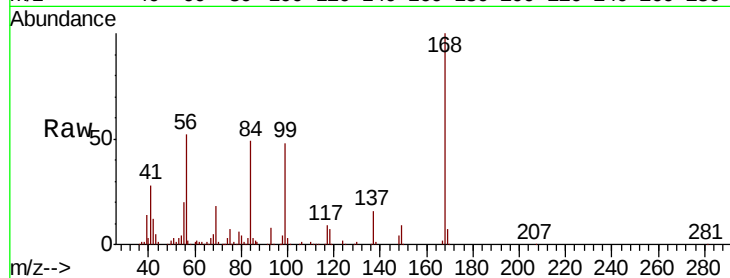
Ion Ratio Lower Upper

168 100

99 47.8 39.7 59.5

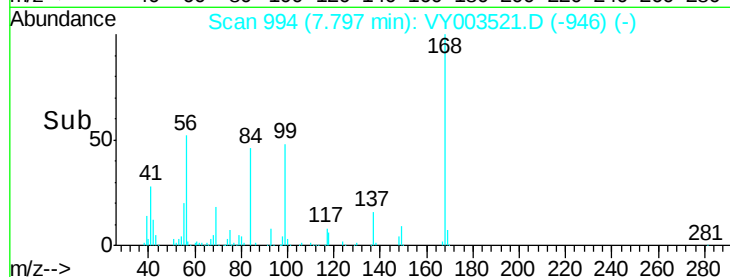
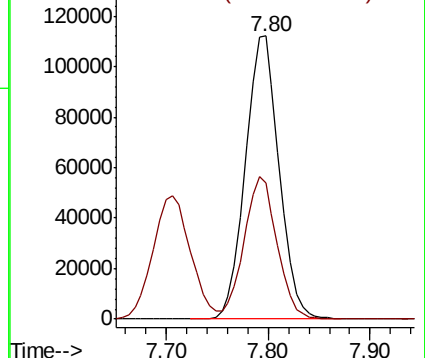
Manual Integrations

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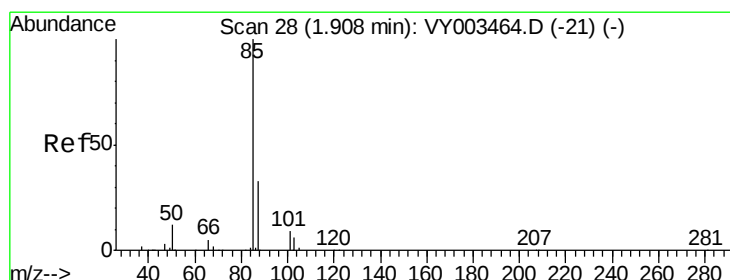
Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



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#2

Dichlorodifluoromethane

Concen: 44.624 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY003521.D

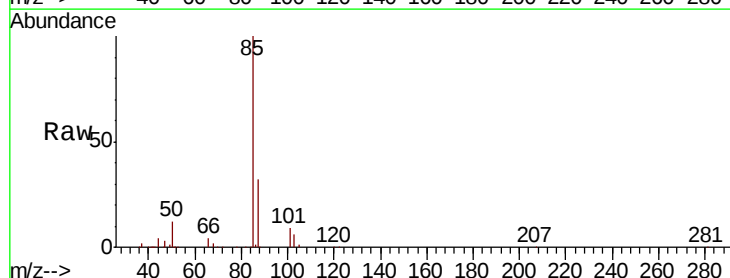
Acq: 05 Nov 2020 16:06

Tgt Ion: 85 Resp: 90888

Ion Ratio Lower Upper

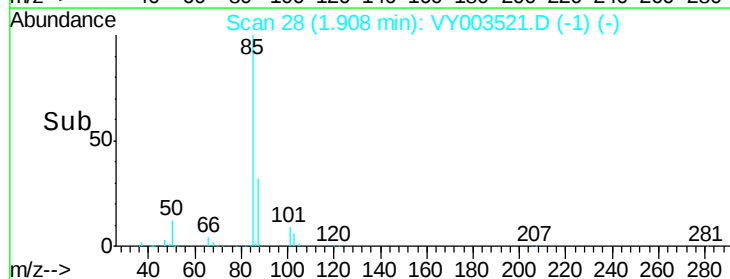
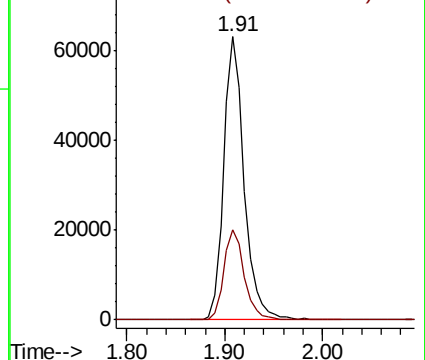
85 100

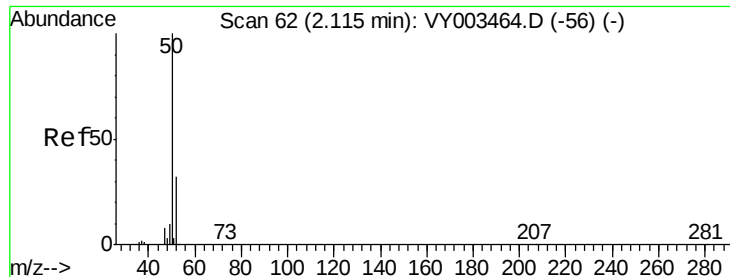
87 31.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 45.094 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

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ClientSampleId :

VSTDCCC050EC

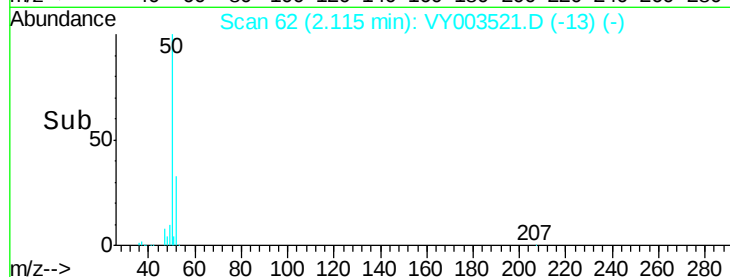
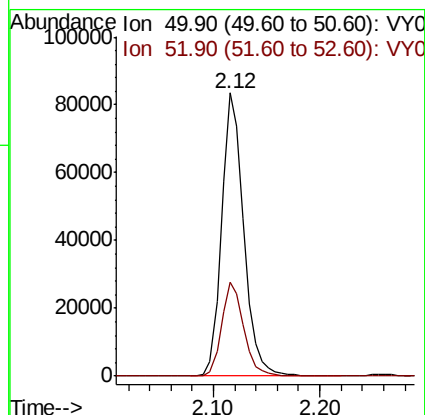
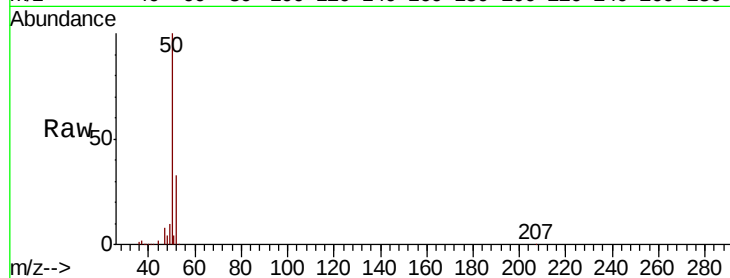
Tot Ion: 50 Resp: 120911

Ion Ratio Lower Upper

50 100

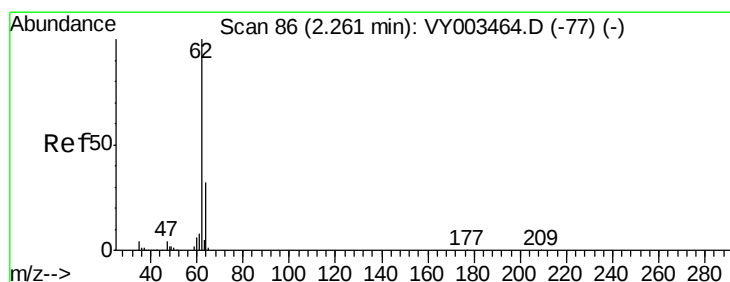
52 33.3 25.6 38.4

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#4

Vinyl Chloride

Concen: 45.107 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003521.D

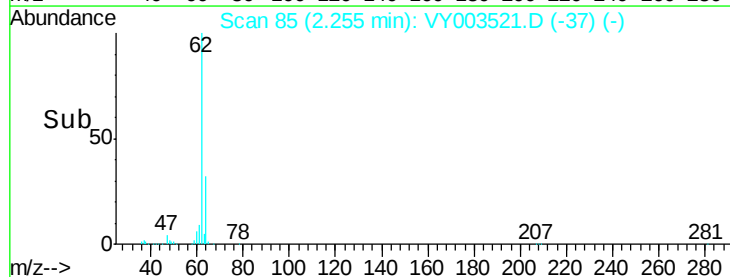
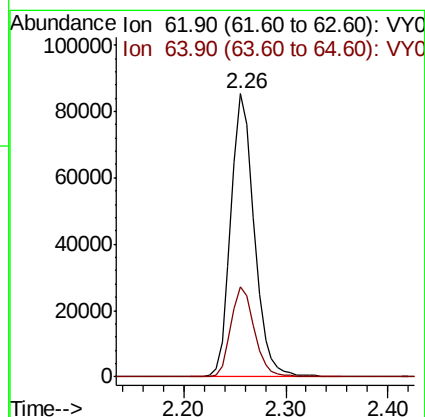
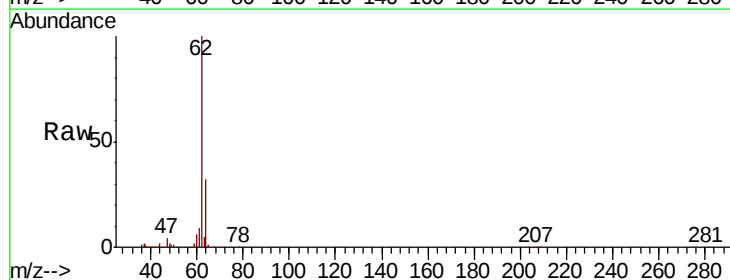
Acq: 05 Nov 2020 16:06

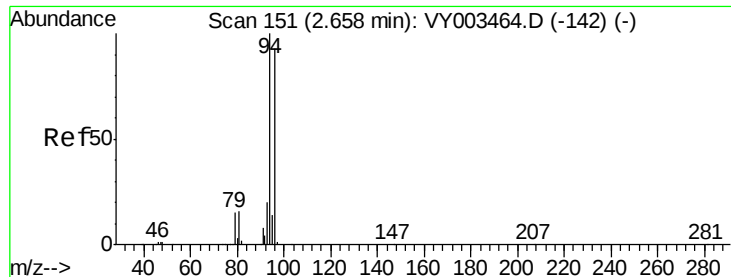
Tgt Ion: 62 Resp: 135762

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 39.764 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

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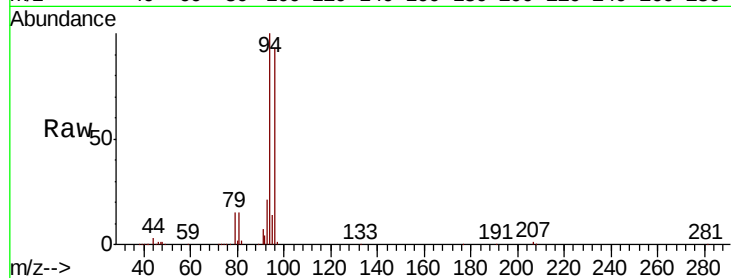
Tot Ion: 94 Resp: 99992

Ion Ratio Lower Upper

94 100

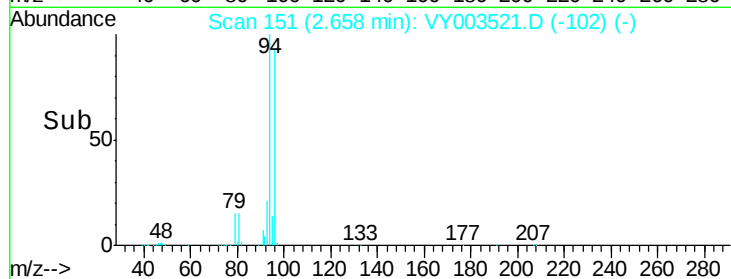
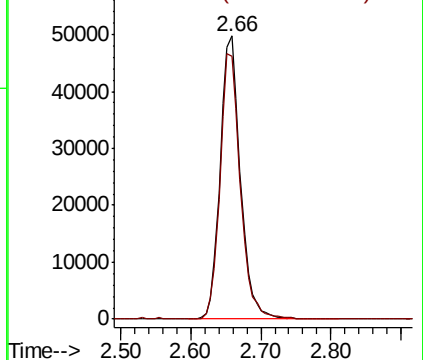
96 92.7 74.6 112.0

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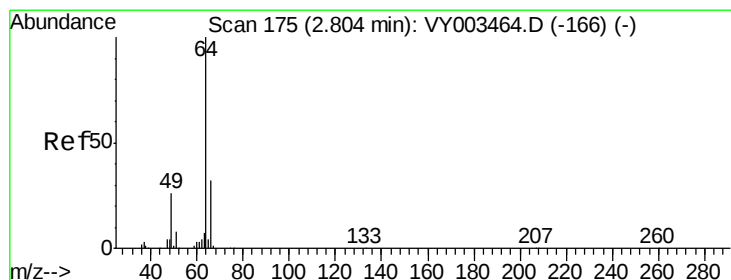
Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



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#6

Chloroethane

Concen: 48.959 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003521.D

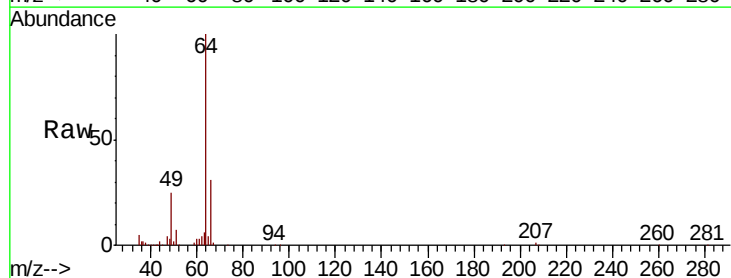
Acq: 05 Nov 2020 16:06

Tgt Ion: 64 Resp: 87828

Ion Ratio Lower Upper

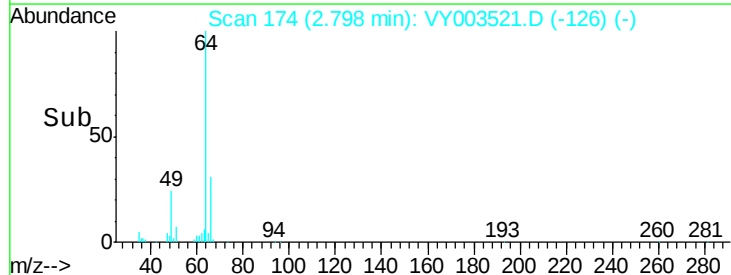
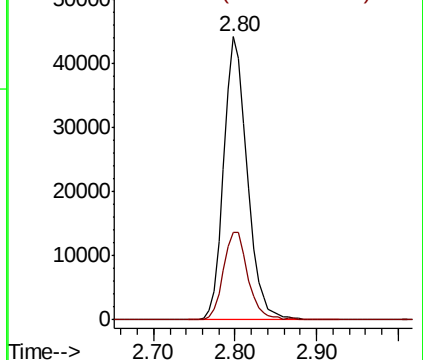
64 100

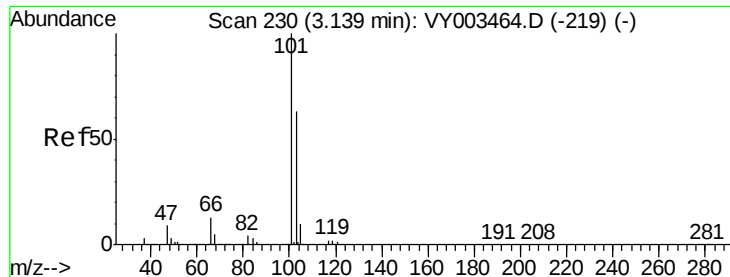
66 31.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





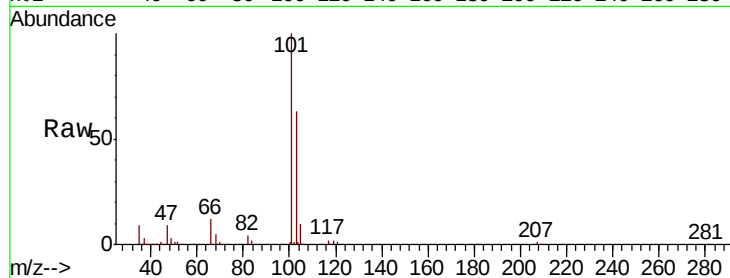
#7

Trichlorofluoromethane
Concen: 48.337 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

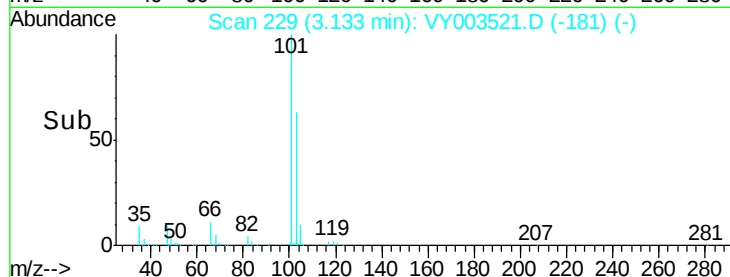
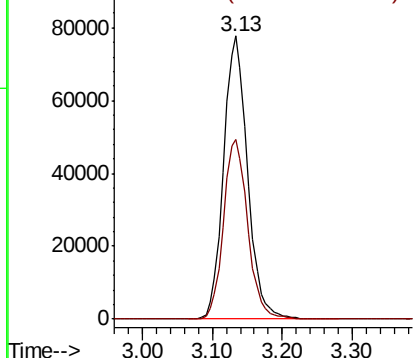
Instrument :
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Tot Ion:101 Resp: 184664
Ion Ratio Lower Upper
101 100
103 63.5 50.7 76.1

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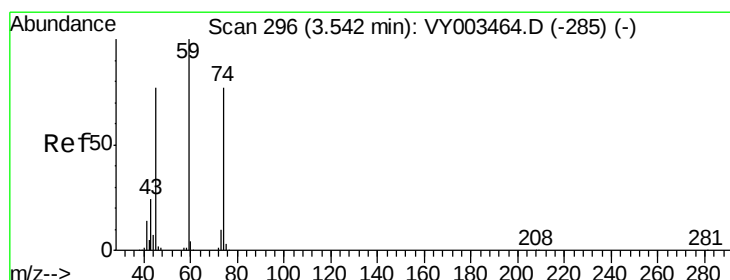


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



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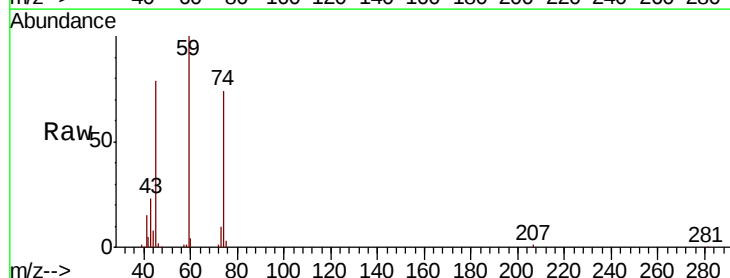
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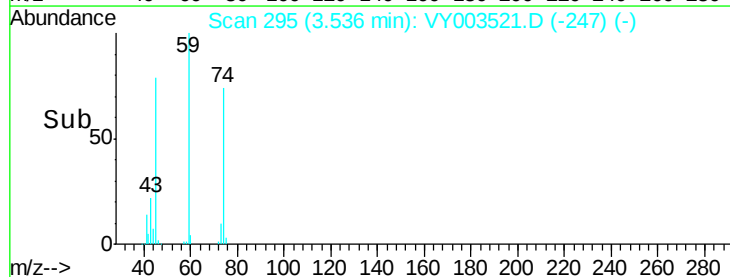
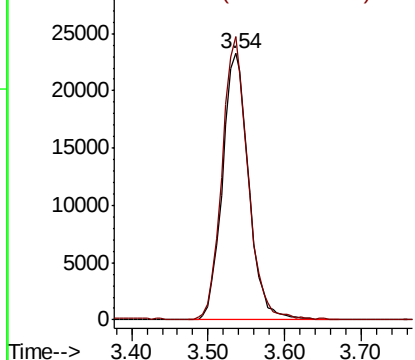
#8

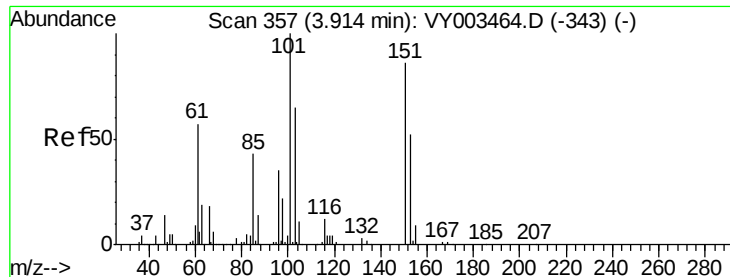
Diethyl Ether
Concen: 47.198 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion: 74 Resp: 55294
Ion Ratio Lower Upper
74 100
45 104.6 50.7 152.3



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.287 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

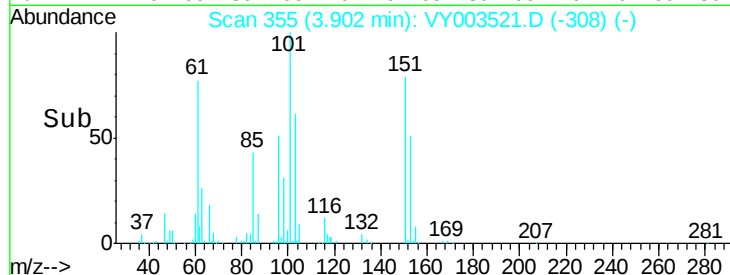
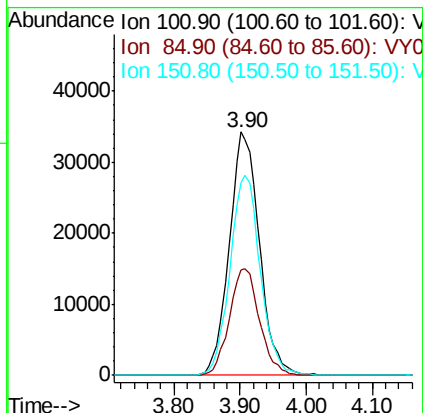
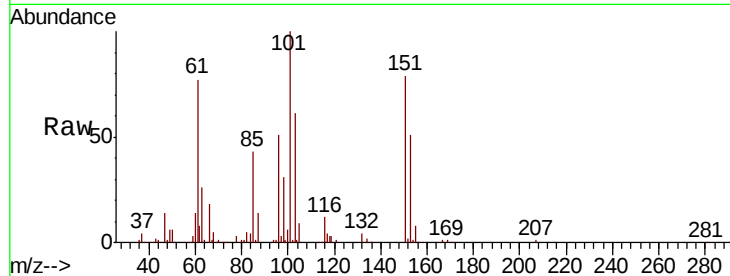
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

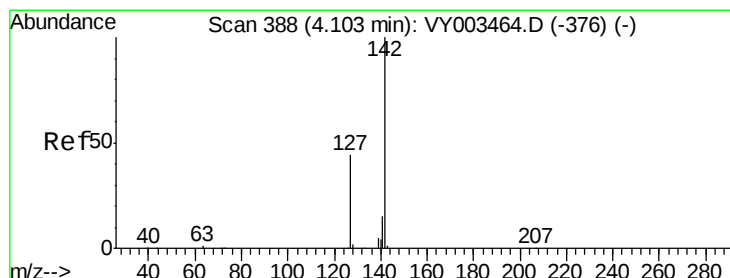
Tot Ion:	101	Resp:	108293
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.8	53.8
151	82.8	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 52.038 ug/l

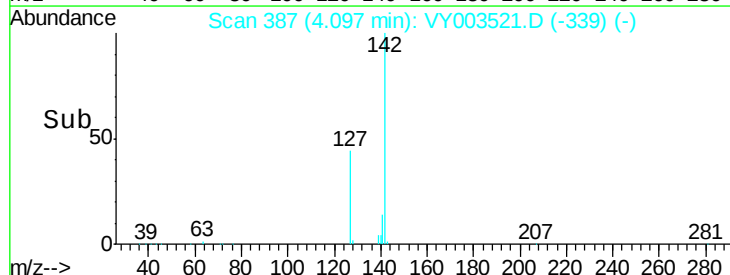
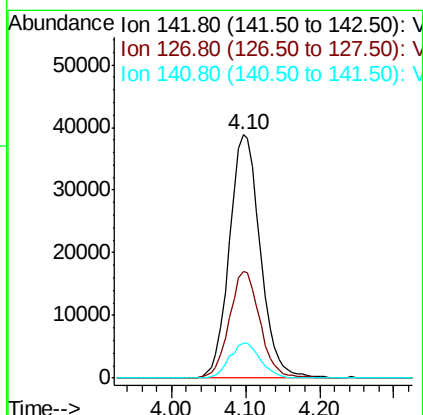
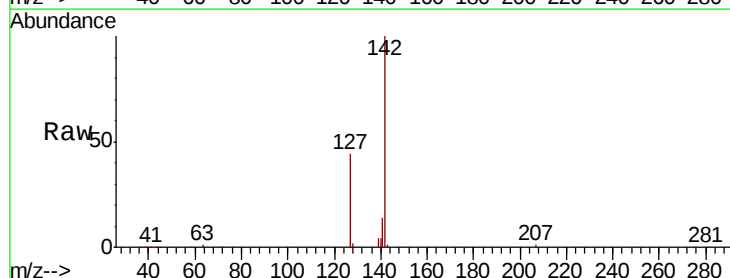
RT: 4.10 min Scan# 387

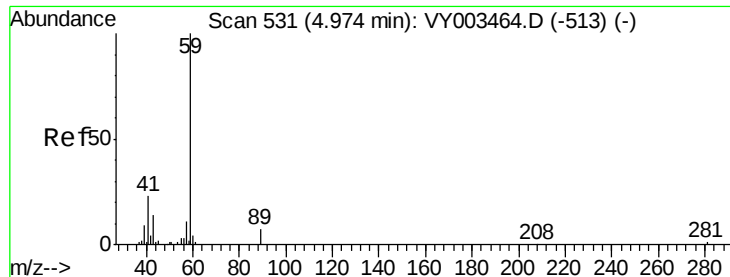
Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Tgt Ion:	142	Resp:	113226
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.5	51.7
141	14.5	11.8	17.8



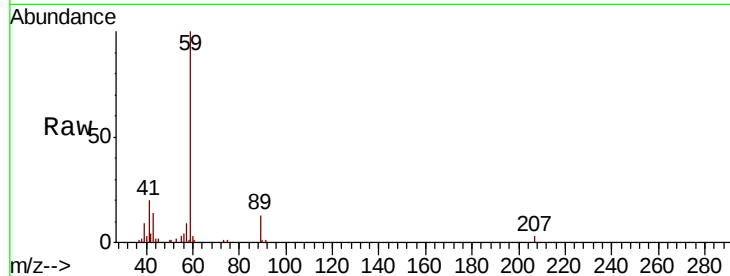


#11
Tert butyl alcohol
Concen: 181.708 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

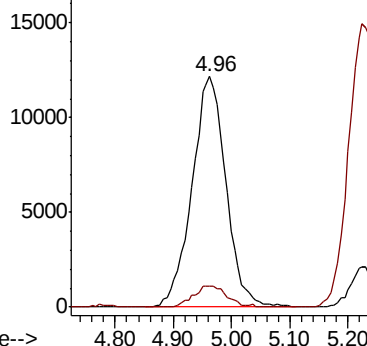
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 49144
Ion Ratio Lower Upper
59 100
57 9.1 7.9 11.9

Manual Integrations
APPROVED

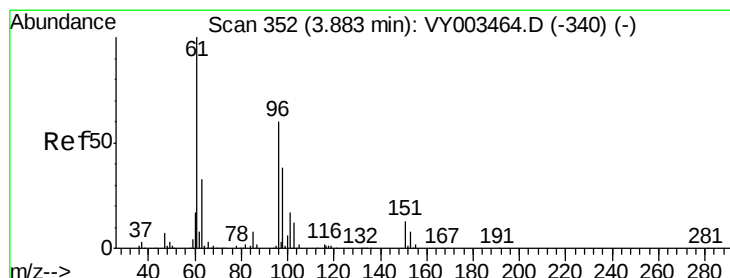
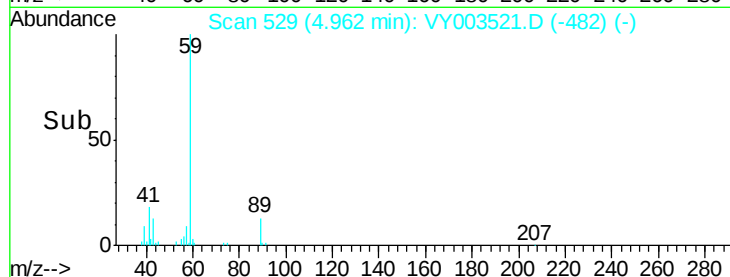


Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



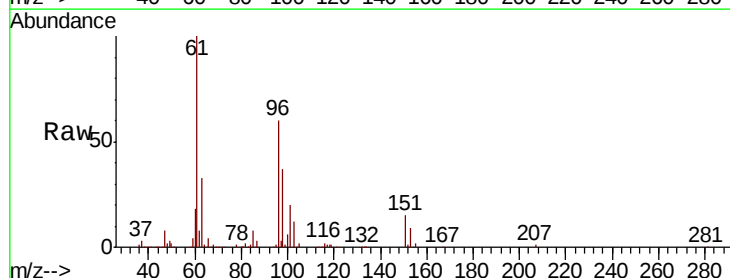
MMDadoda

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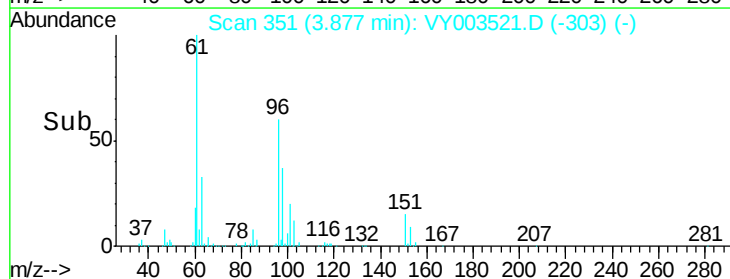
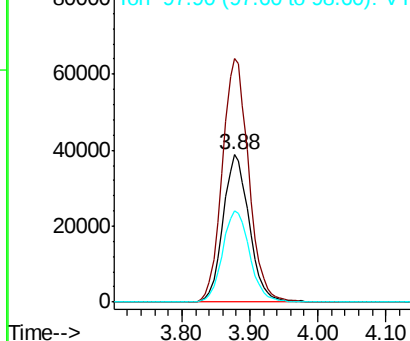


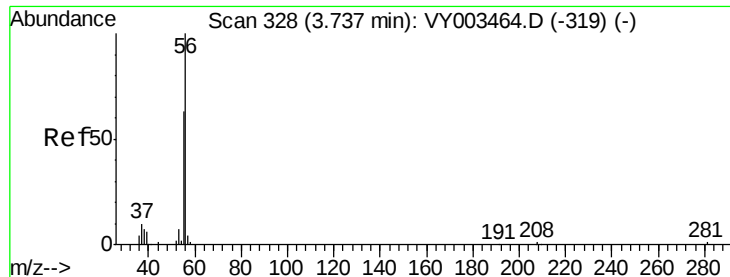
#12
1,1-Dichloroethene
Concen: 49.157 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion: 96 Resp: 103272
Ion Ratio Lower Upper
96 100
61 165.5 133.6 200.4
98 61.9 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 208.214 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

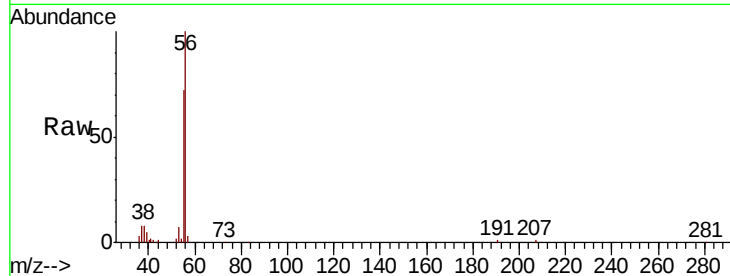
Tot Ion: 56 Resp: 45601

Ion Ratio Lower Upper

56 100

55 68.6 56.6 85.0

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

20000

15000

10000

5000

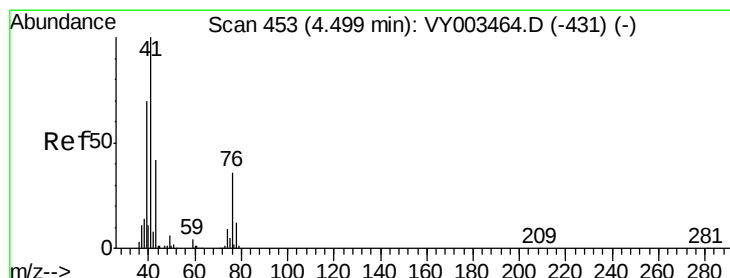
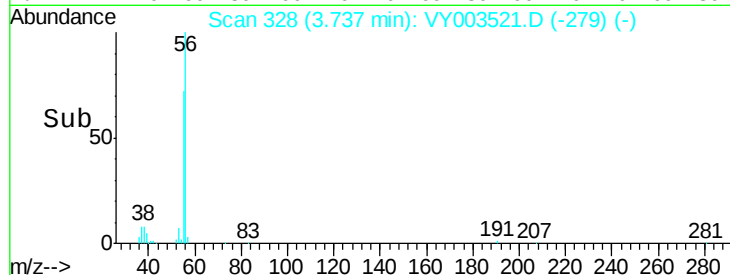
0

3.60 3.70 3.80 3.90

Time-->

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#14

Allyl chloride

Concen: 47.692 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

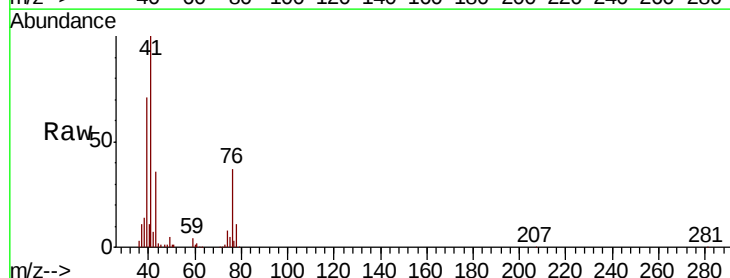
Tgt Ion: 41 Resp: 182794

Ion Ratio Lower Upper

41 100

39 68.0 54.4 81.6

76 35.4 27.6 41.4



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

80000

60000

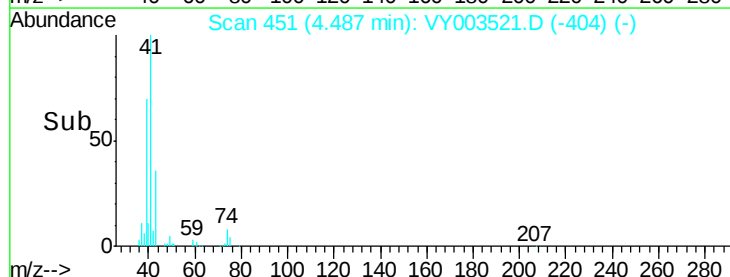
40000

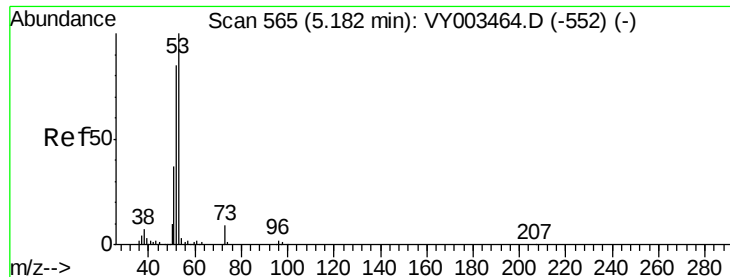
20000

0

4.30 4.40 4.50 4.60 4.70

Time-->





#15

Acrylonitrile

Concen: 198.310 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

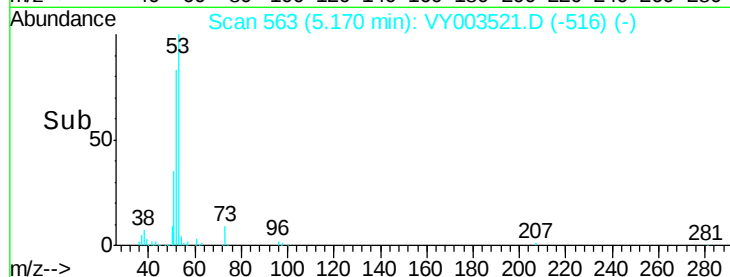
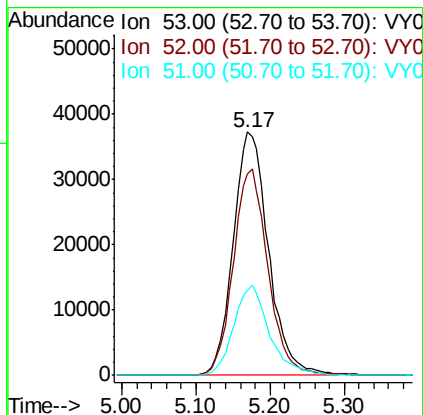
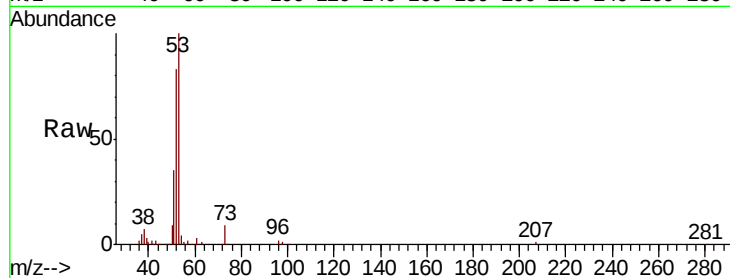
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

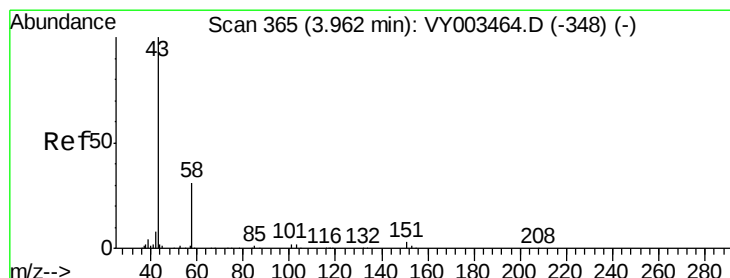
Tot Ion:	53	Resp:	124014
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.9	100.3
51	37.4	29.3	43.9

Manual Integrations
APPROVED



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#16

Acetone

Concen: 185.863 ug/l

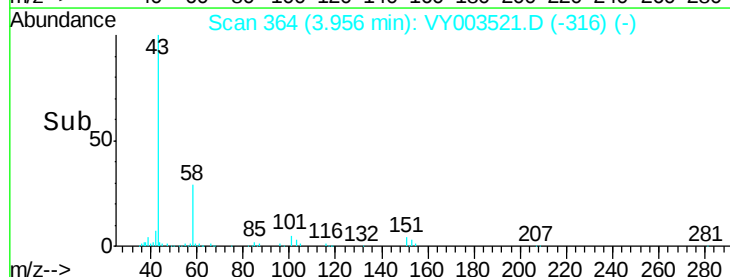
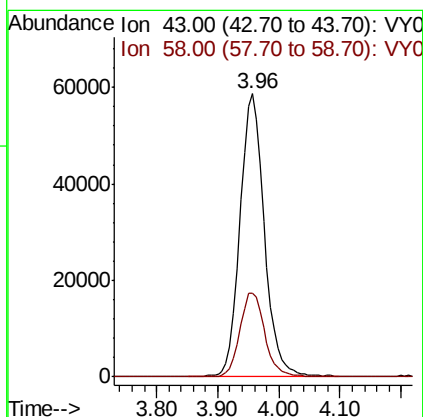
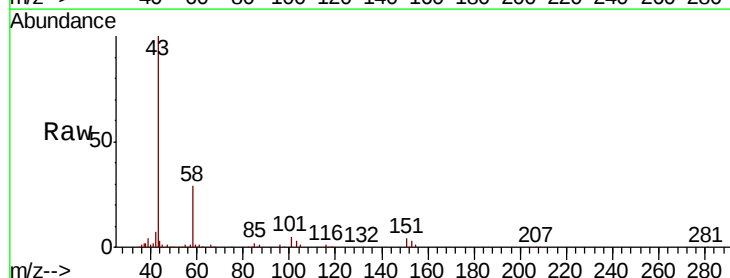
RT: 3.96 min Scan# 364

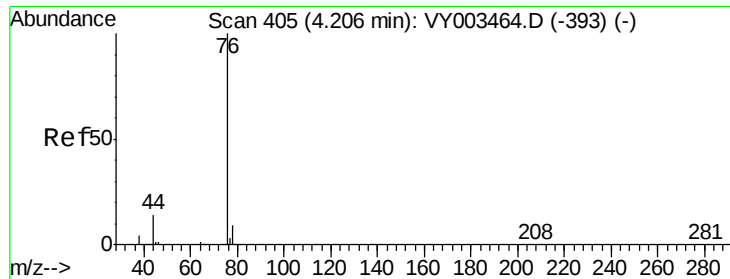
Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Tgt Ion:	43	Resp:	161807
Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.0	37.4





#17

Carbon Disulfide

Concen: 47.614 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

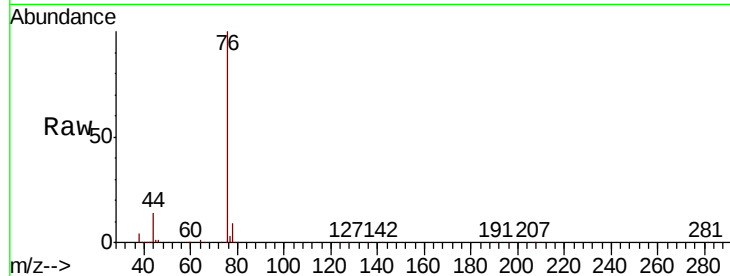
Tot Ion: 76 Resp: 324054

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

Manual Integrations
APPROVED



Abundance Ion 75.90 (75.60 to 76.60): VY003464.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY003464.D (-393) (-)

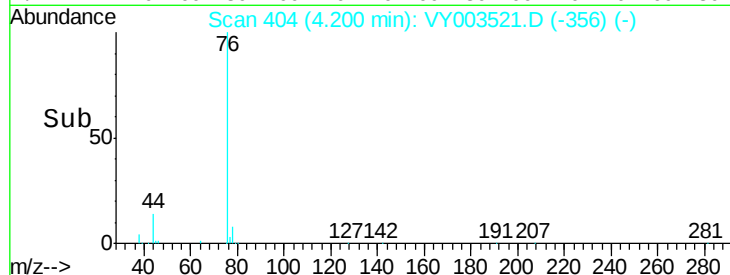
4.20

100000

50000

0

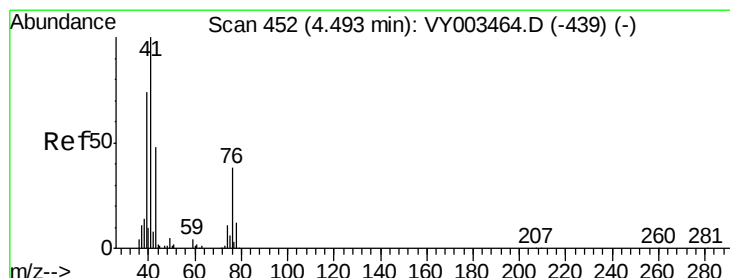
Time-->



Time-->

MMDadoda

11/6/2020 9:27:11 AM



#18

Methyl Acetate

Concen: 39.337 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003521.D

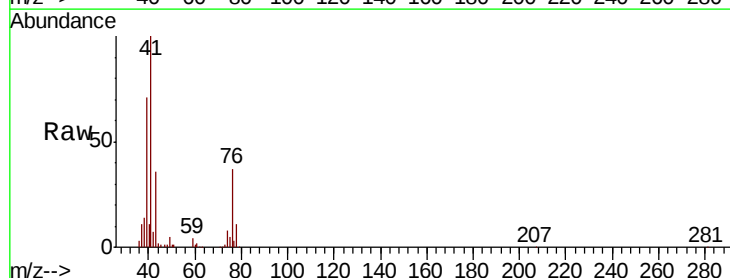
Acq: 05 Nov 2020 16:06

Tgt Ion: 43 Resp: 64716

Ion Ratio Lower Upper

43 100

74 23.0 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.30): VY003464.D (-439) (-)

Ion 74.00 (73.70 to 74.30): VY003464.D (-439) (-)

4.49

25000

20000

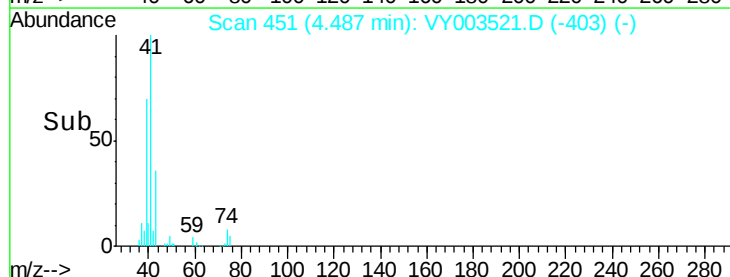
15000

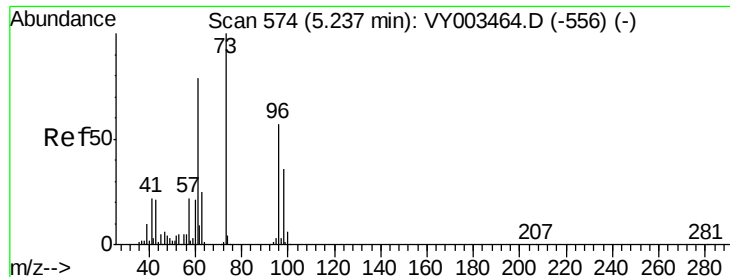
10000

5000

0

Time-->



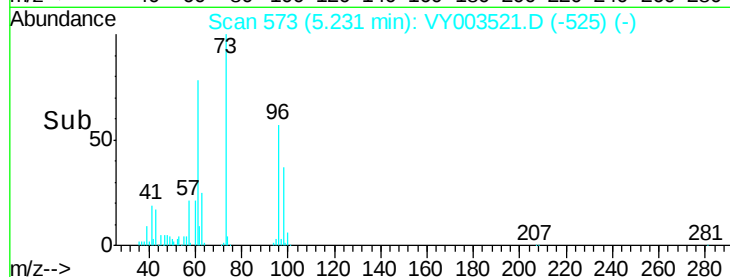
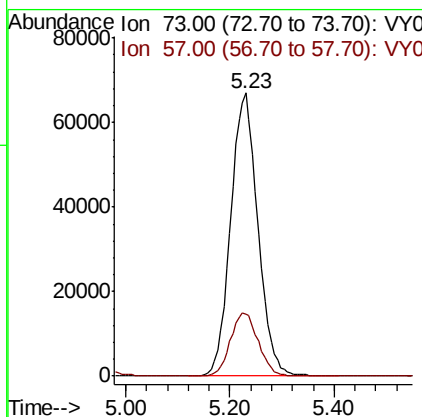
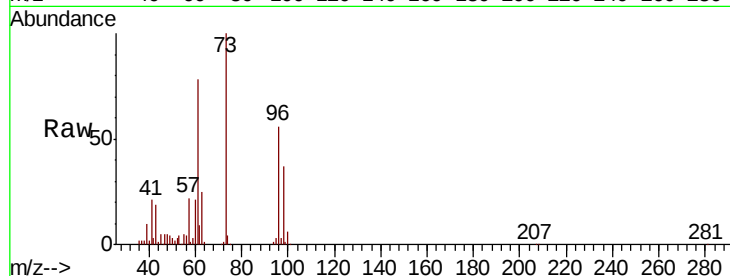


#19
Methyl tert-butyl Ether
Concen: 46.585 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

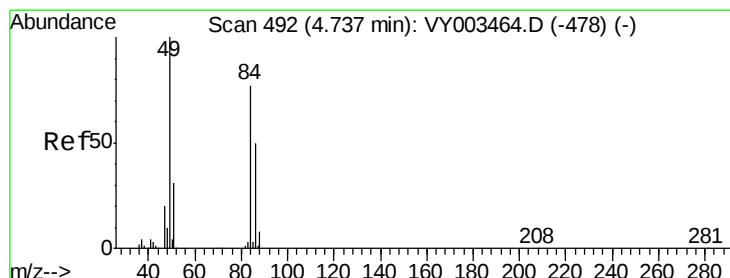
Tot Ion: 73 Resp: 242402
Ion Ratio Lower Upper
73 100
57 22.0 17.2 25.8

Manual Integrations
APPROVED



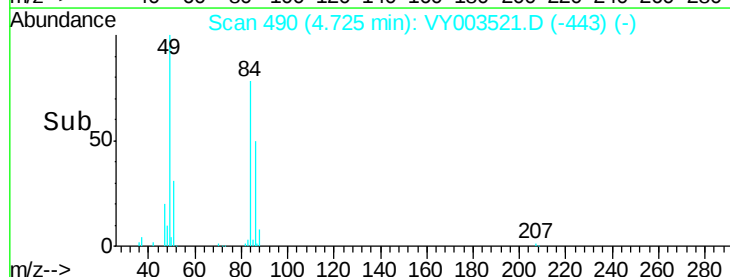
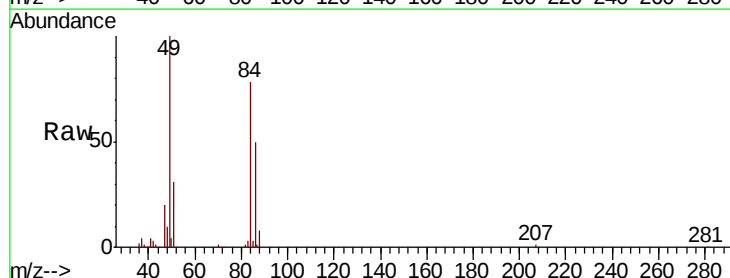
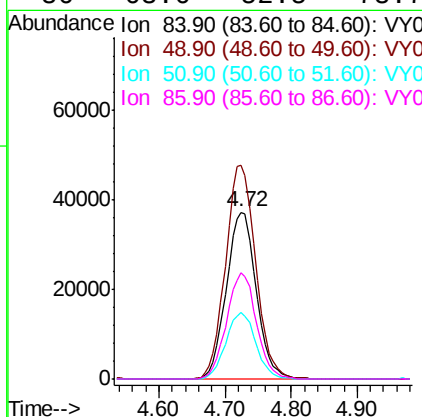
MMDadoda

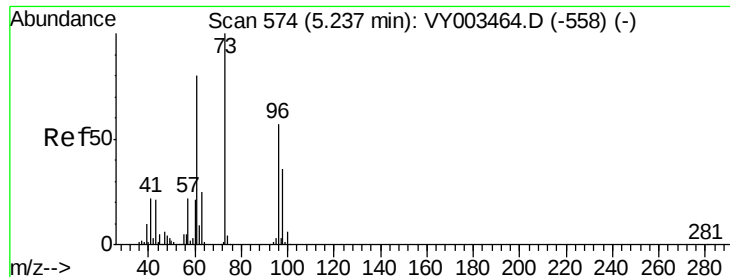
11/6/2020 9:27:11 AM



#20
Methylene Chloride
Concen: 47.519 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion: 84 Resp: 116504
Ion Ratio Lower Upper
84 100
49 128.3 104.3 156.5
51 39.8 32.5 48.7
86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.092 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

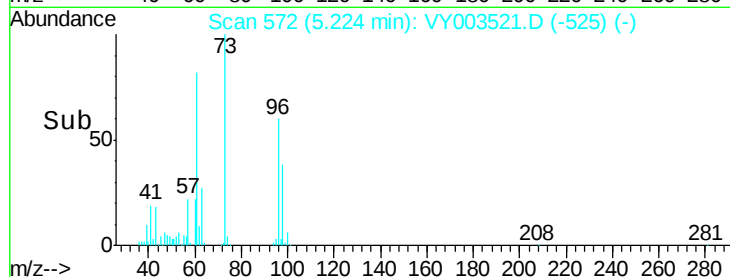
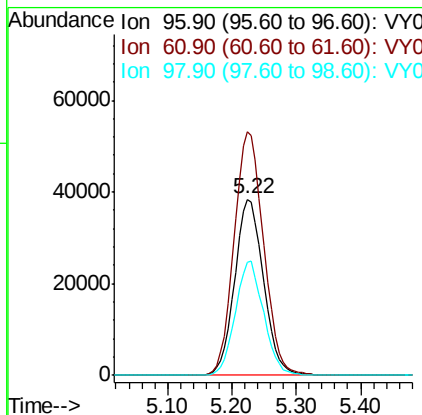
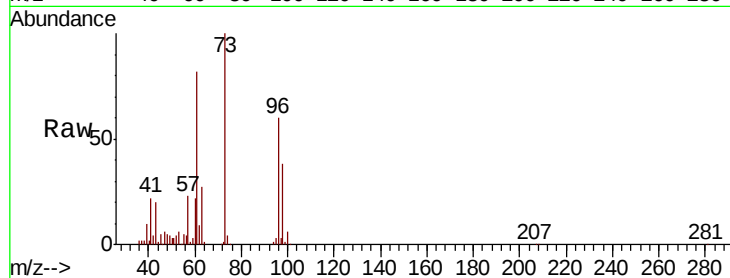
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

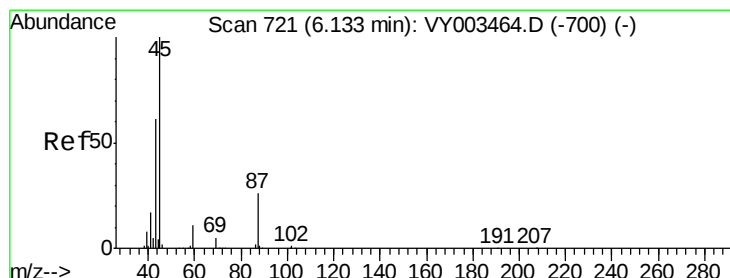
Tot Ion:	96	Resp:	119423
Ion	Ratio	Lower	Upper
96	100		
61	138.4	111.3	166.9
98	64.2	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.316 ug/l

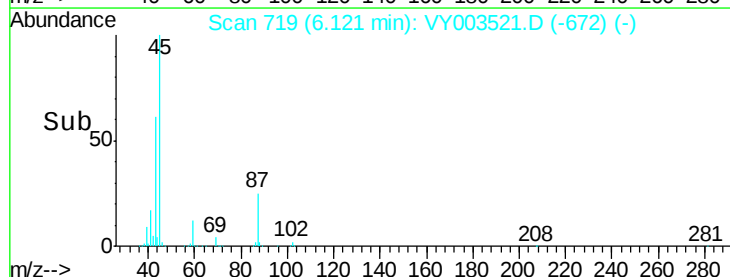
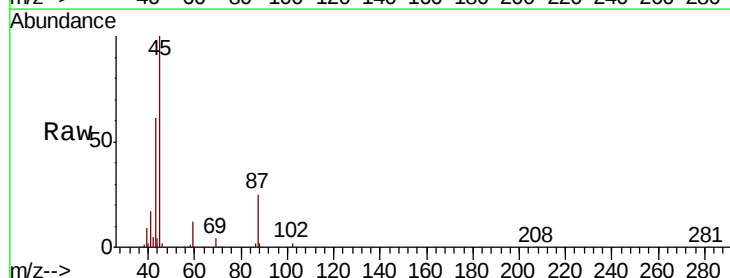
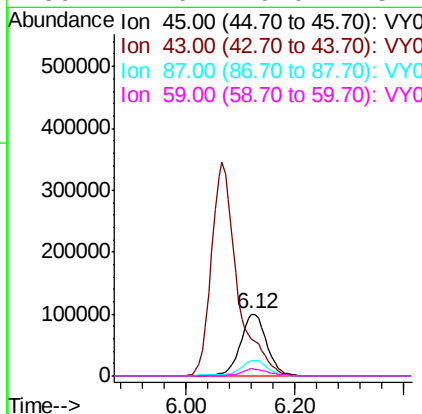
RT: 6.12 min Scan# 719

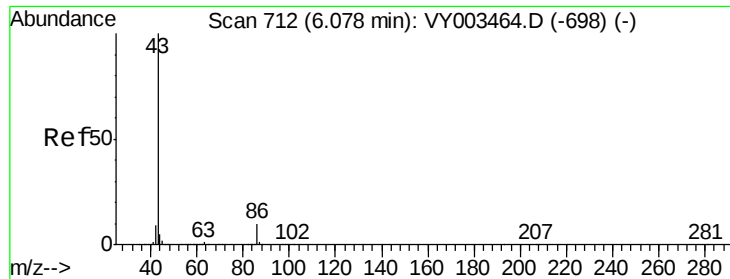
Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Tgt Ion:	45	Resp:	338256
Ion	Ratio	Lower	Upper
45	100		
43	60.8	48.8	73.2
87	25.1	20.6	31.0
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 225.087 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

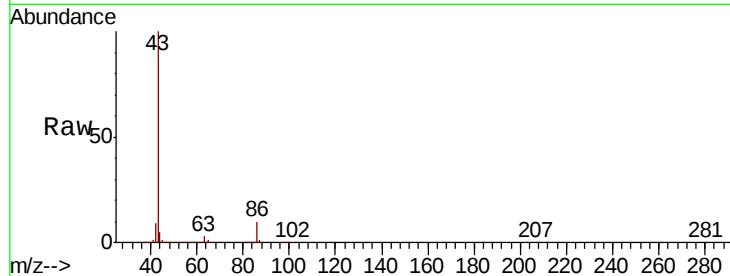
Tot Ion: 43 Resp: 1137102

Ion Ratio Lower Upper

43 100

86 10.1 8.2 12.2

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

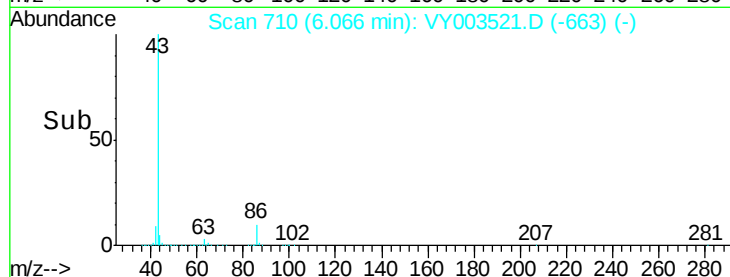
300000

200000

100000

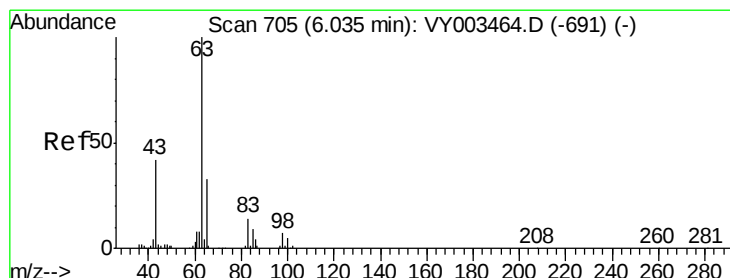
0

Time-->



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11/6/2020 9:27:11 AM



#24

1,1-Dichloroethane

Concen: 50.069 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

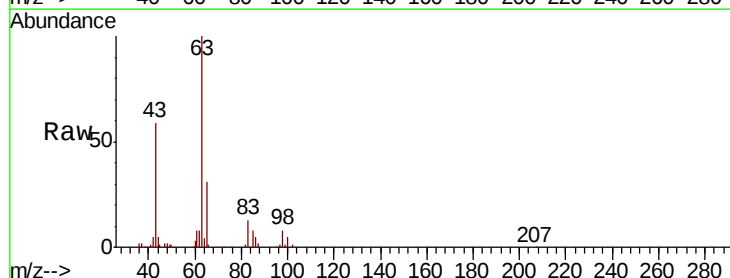
Tgt Ion: 63 Resp: 213892

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.6 2.3 6.9



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

6.03

80000

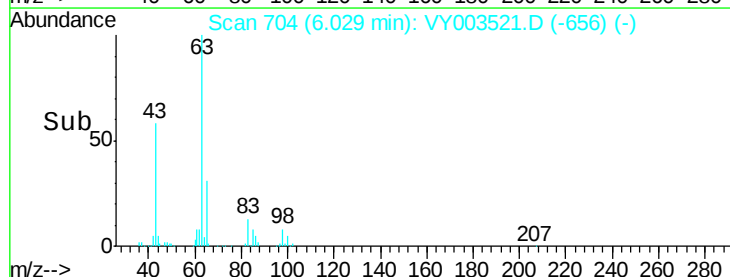
60000

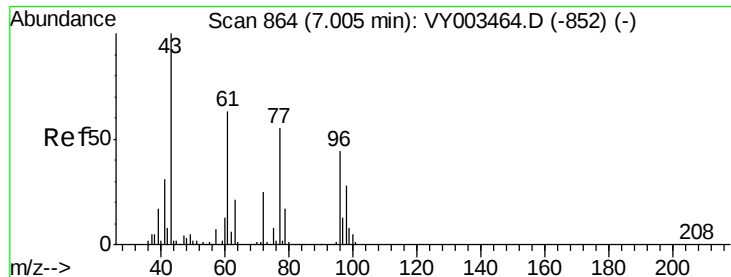
40000

20000

0

Time-->





#25

2-Butanone

Concen: 186.480 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

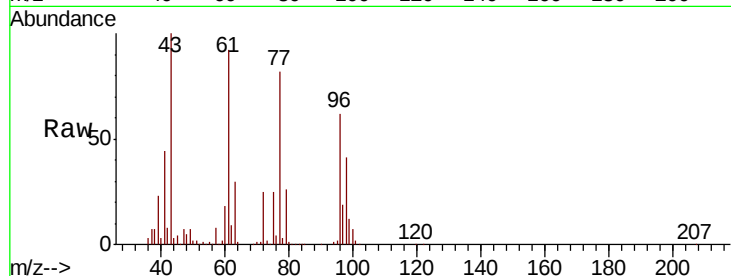
Tot Ion: 43 Resp: 203045

Ion Ratio Lower Upper

43 100

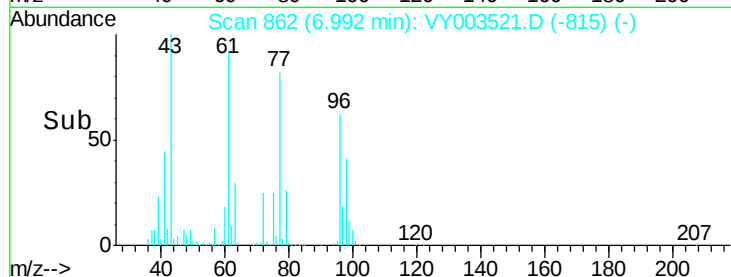
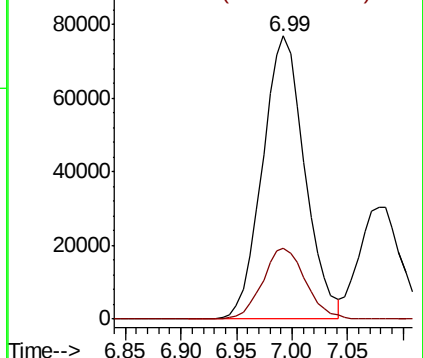
72 25.2 20.1 30.1

Manual Integrations
APPROVED



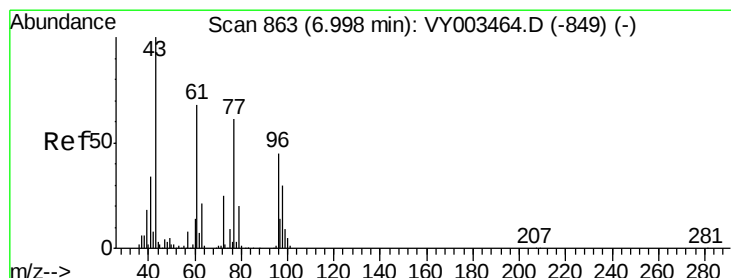
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



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11/6/2020 9:27:11 AM



#26

2,2-Dichloropropane

Concen: 49.720 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003521.D

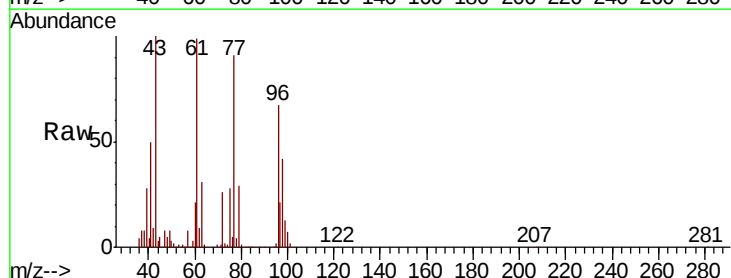
Acq: 05 Nov 2020 16:06

Tgt Ion: 77 Resp: 197880

Ion Ratio Lower Upper

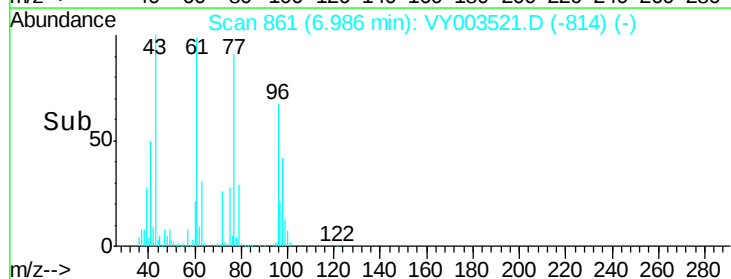
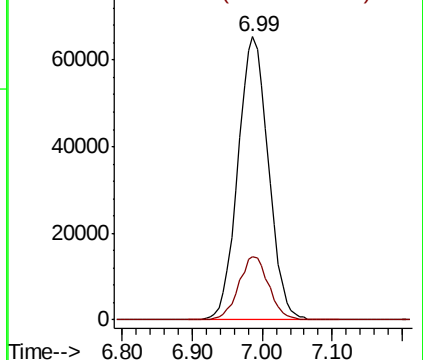
77 100

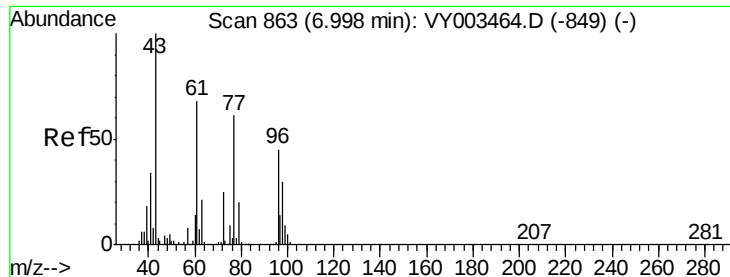
97 22.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





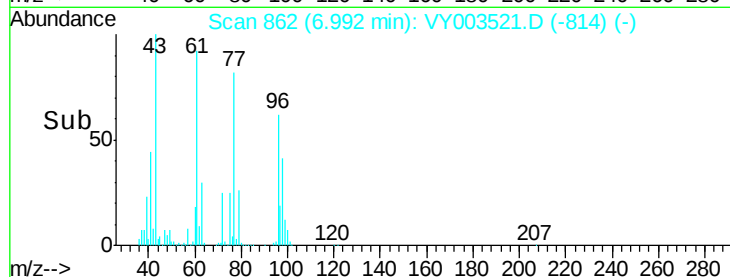
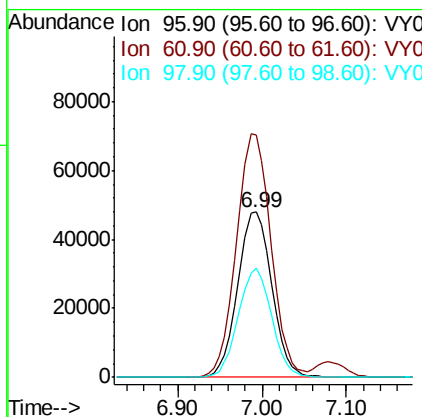
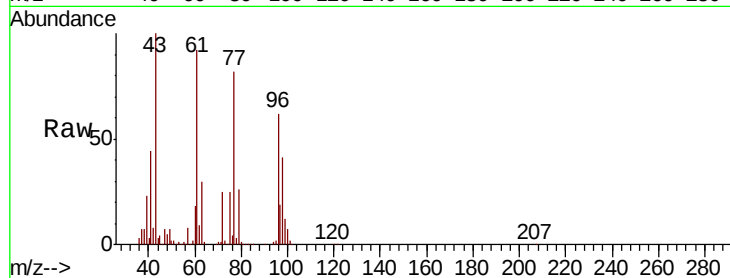
#27

cis-1,2-Dichloroethene
 Concen: 50.112 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

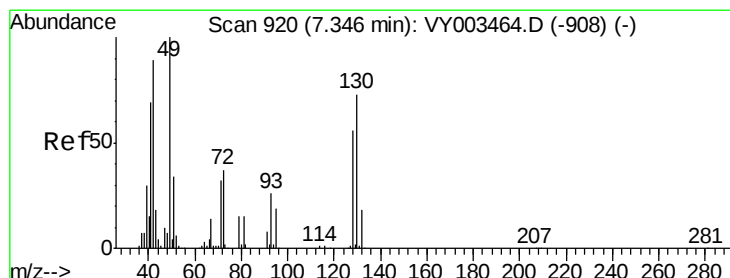
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	299.2
98	64.5	0.0	128.6

Manual Integrations
 APPROVED



MMDadoda

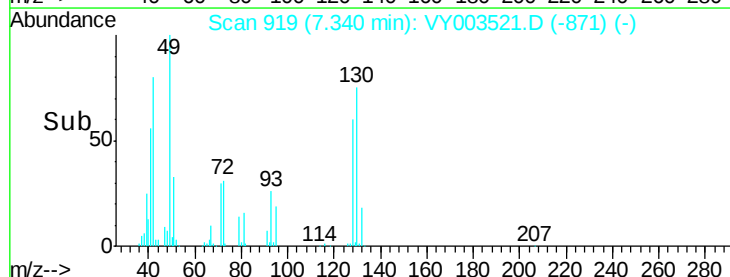
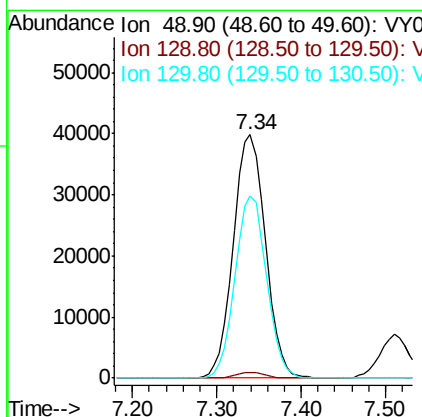
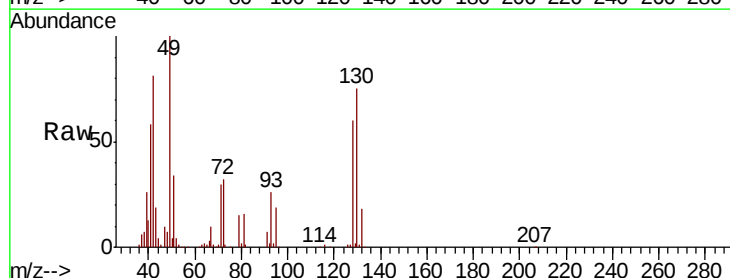
11/6/2020 9:27:11 AM

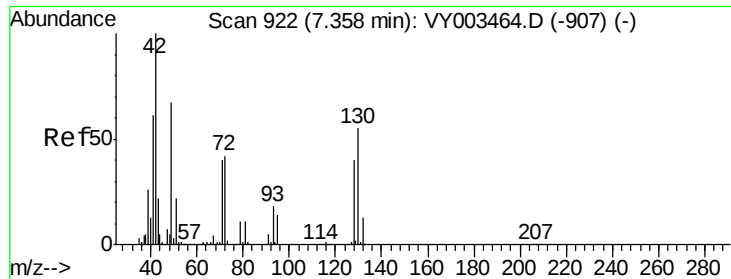


#28

Bromochloromethane
 Concen: 47.804 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	73.5	60.0	90.0



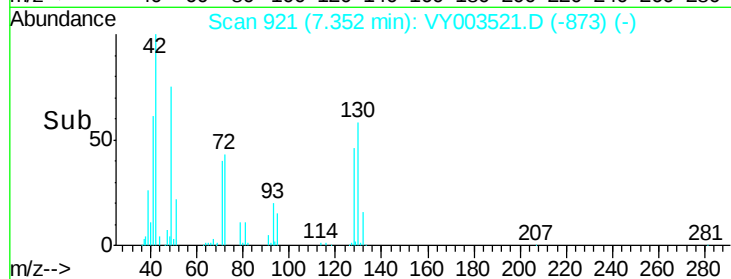
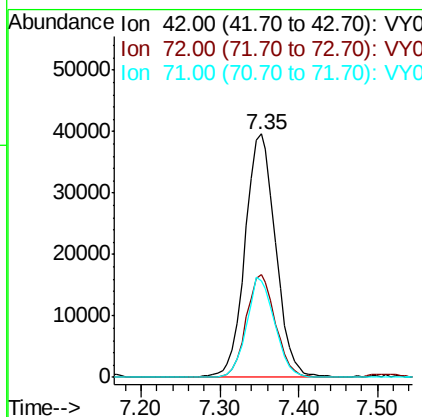
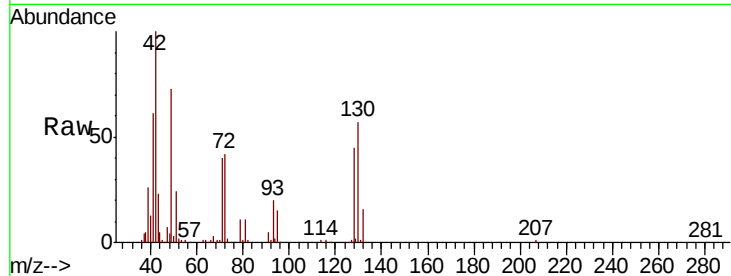


#29
Tetrahydrofuran
Concen: 187.825 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

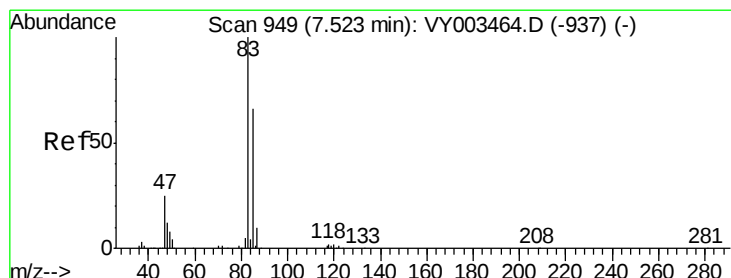
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.8	49.2
71	37.8	30.7	46.1

Manual Integrations
APPROVED



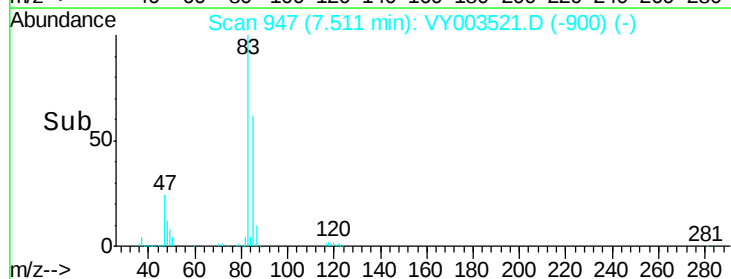
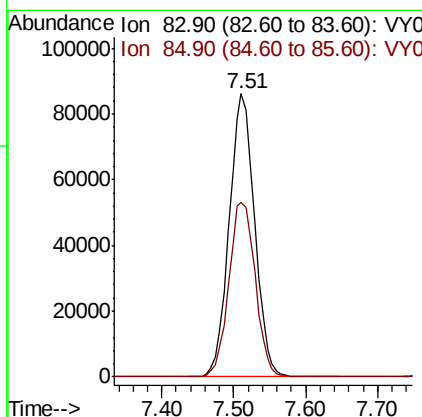
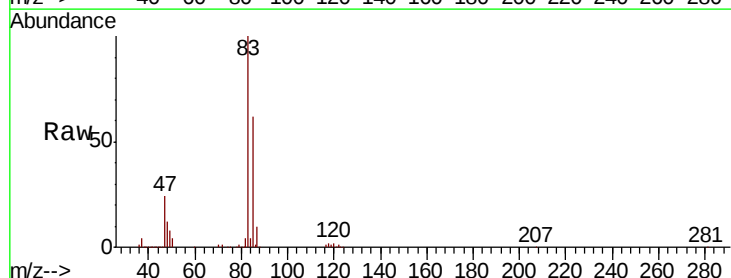
MMDadoda

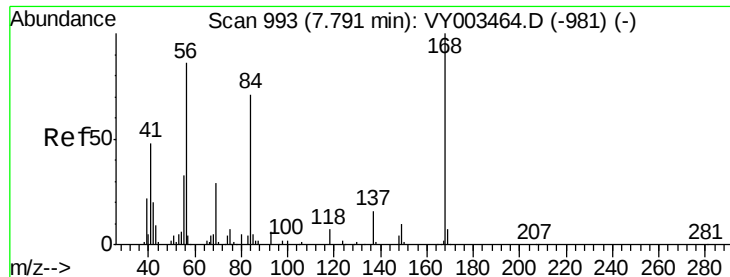
11/6/2020 9:27:11 AM



#30
Chloroform
Concen: 50.311 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	52.6	79.0



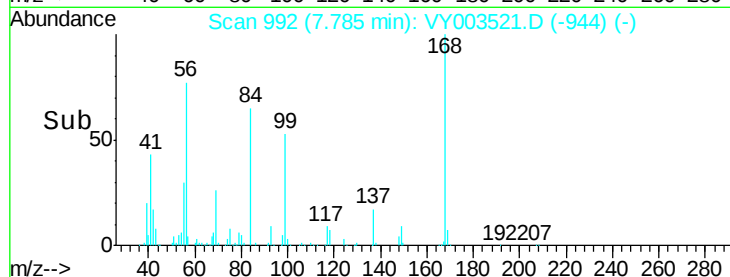
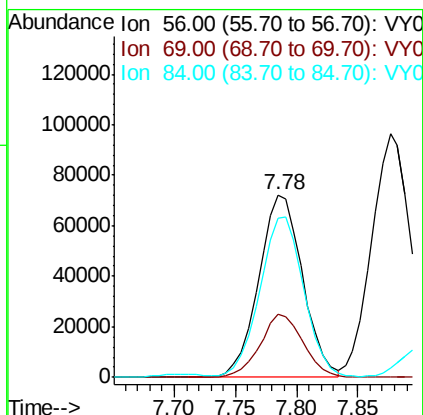
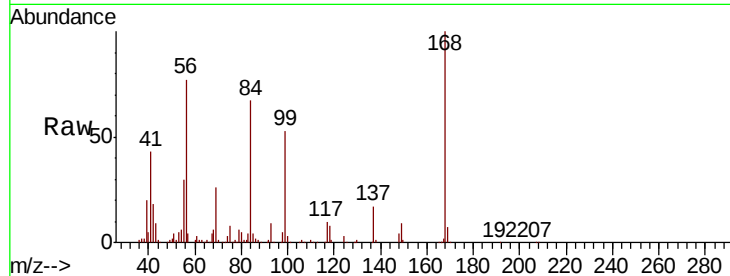


#31
Cyclohexane
Concen: 45.516 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

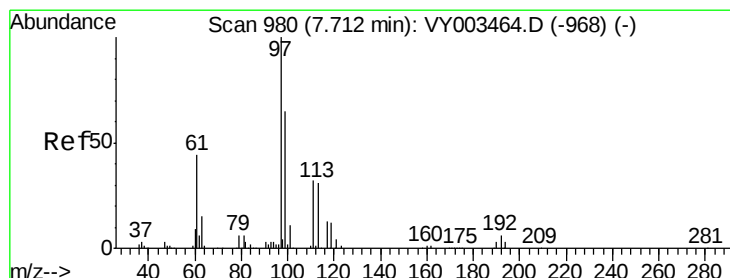
Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	34.4	26.6	39.8	
84	85.5	65.9	98.9	

Manual Integrations
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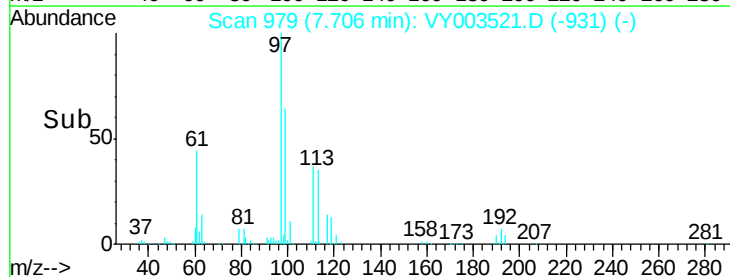
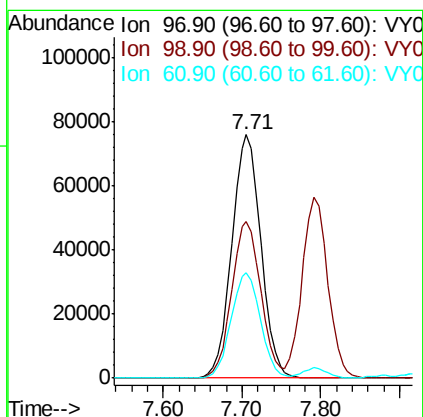
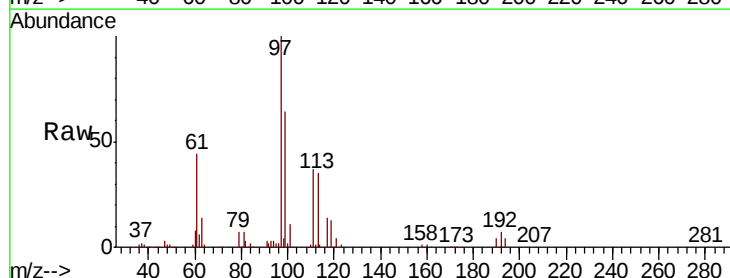
MMDadoda

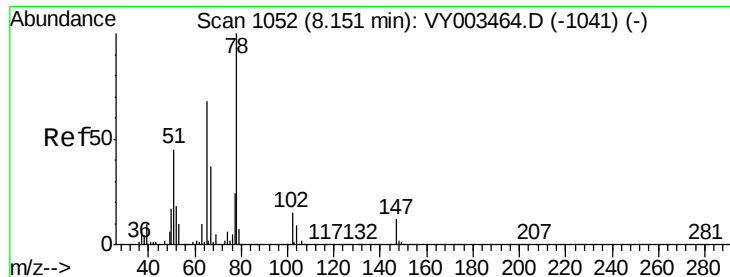
11/6/2020 9:27:11 AM



#32
1,1,1-Trichloroethane
Concen: 49.666 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.0	51.6	77.4	
61	43.7	35.1	52.7	





#33

1,2-Dichloroethane-d4

Concen: 44.991 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 118732

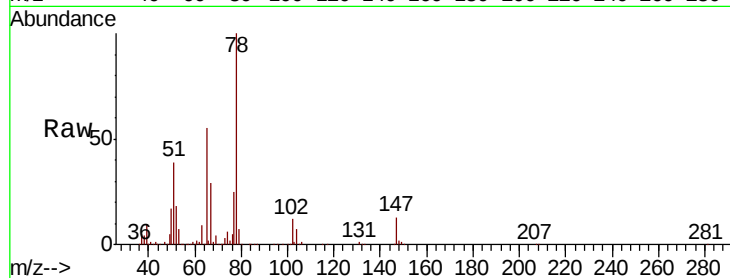
Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VY003521.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY003521.D (-1003) (-)

8.14

60000

50000

40000

30000

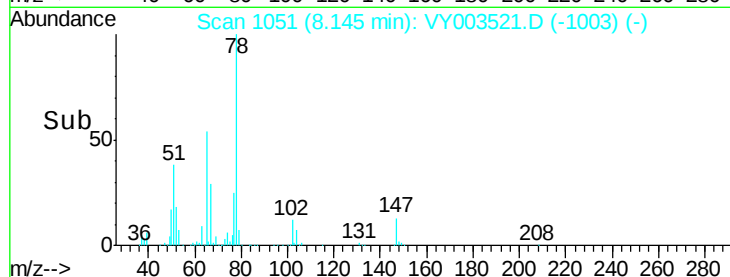
20000

10000

0

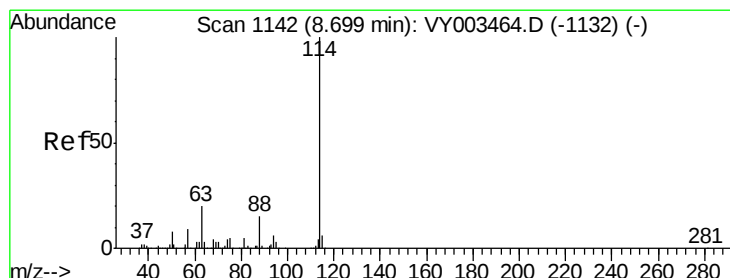
8.05 8.10 8.15 8.20

Time-->



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11/6/2020 9:27:11 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

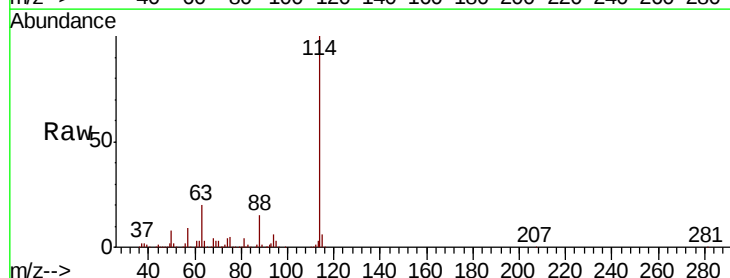
Tgt Ion: 114 Resp: 361858

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 15.3 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): VY003521.D (-1093) (-)

Ion 63.00 (62.70 to 63.70): VY003521.D (-1093) (-)

Ion 87.90 (87.60 to 88.60): VY003521.D (-1093) (-)

8.69

250000

200000

150000

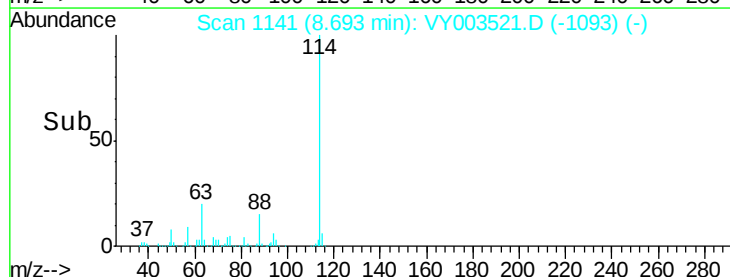
100000

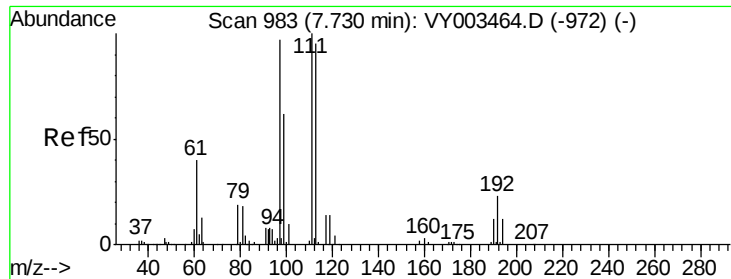
50000

0

8.60 8.70 8.80

Time-->



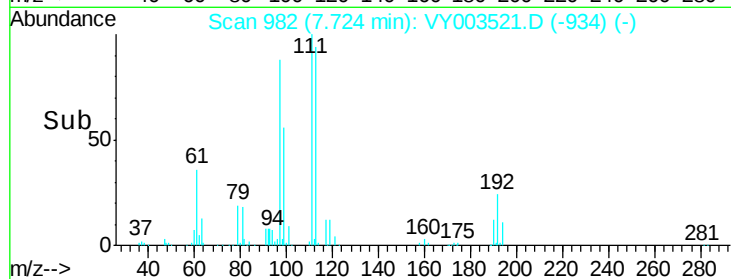
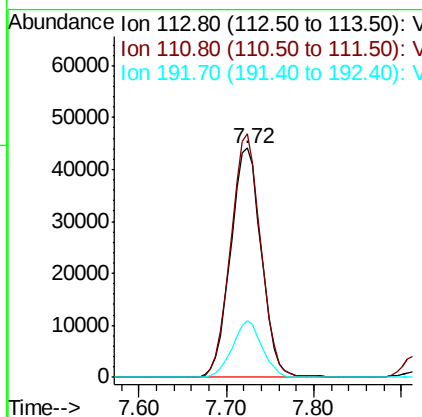
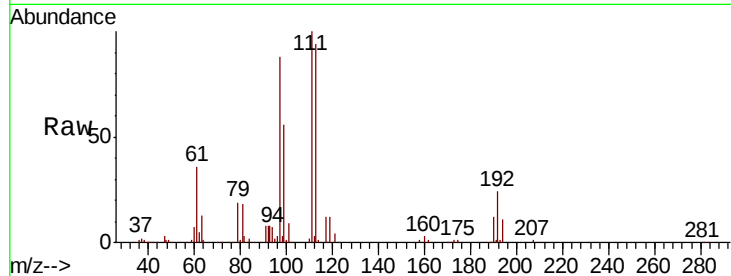


#35
 Dibromofluoromethane
 Concen: 48.999 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

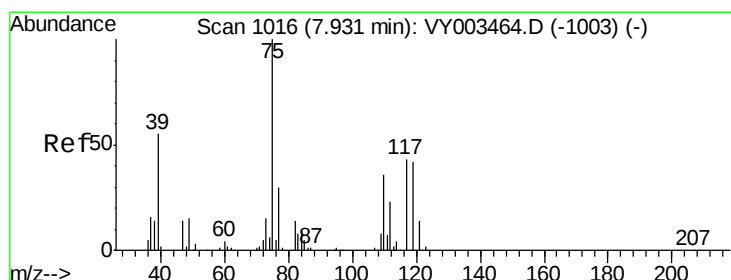
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.6
192	23.7	18.8	28.2

Manual Integrations
 APPROVED



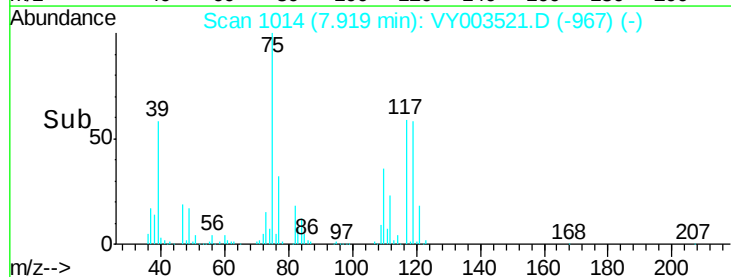
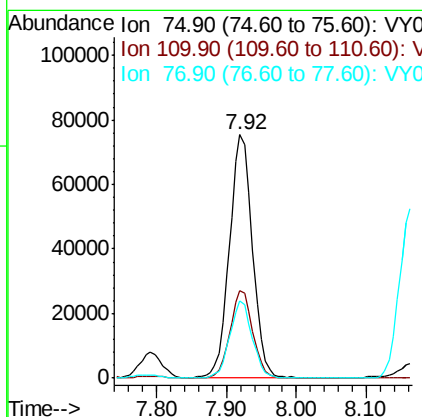
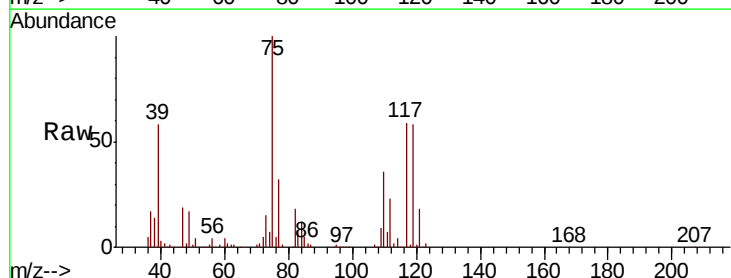
MMDadoda

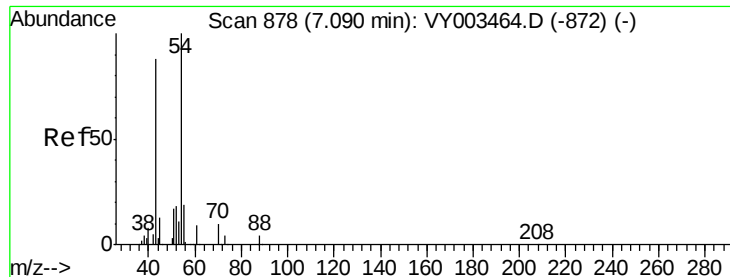
11/6/2020 9:27:11 AM



#36
 1,1-Dichloropropene
 Concen: 50.589 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.6	52.9
77	30.9	24.7	37.1



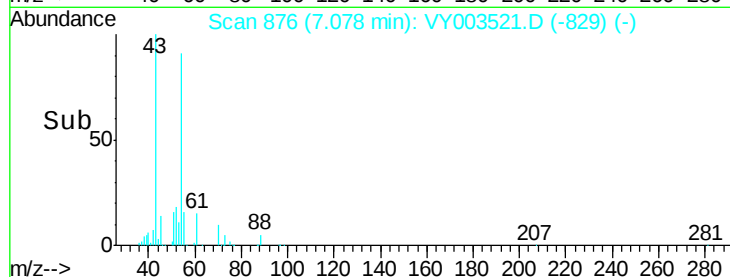
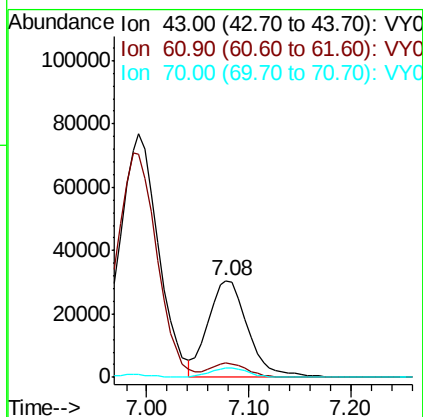
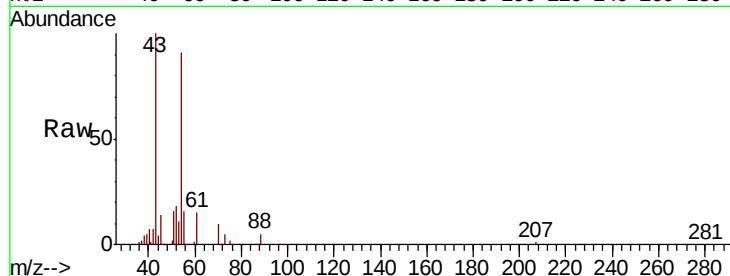


#37
Ethyl Acetate
Concen: 38.763 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

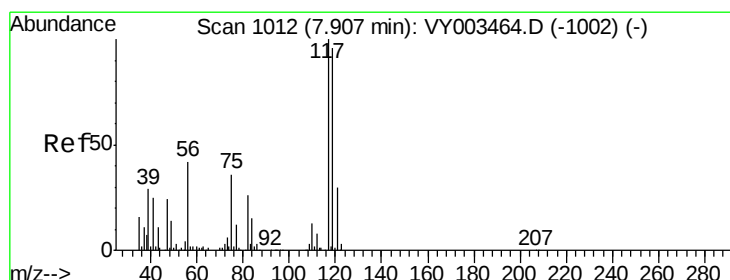
Tot Ion:	43	Resp:	82121
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.6
70	9.8	7.9	11.9

Manual Integrations
APPROVED



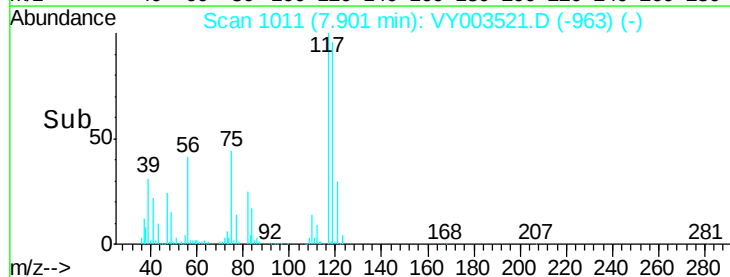
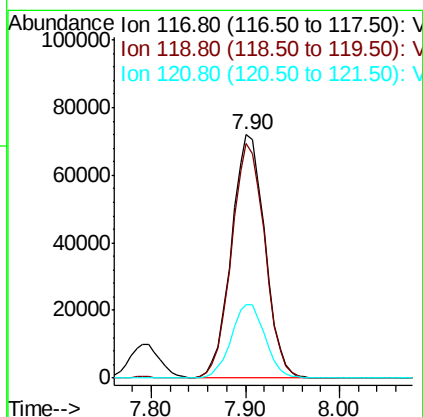
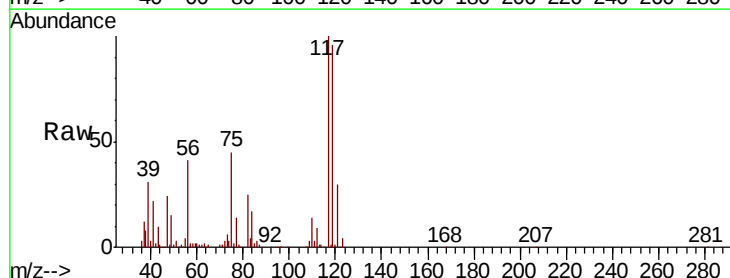
MMDadoda

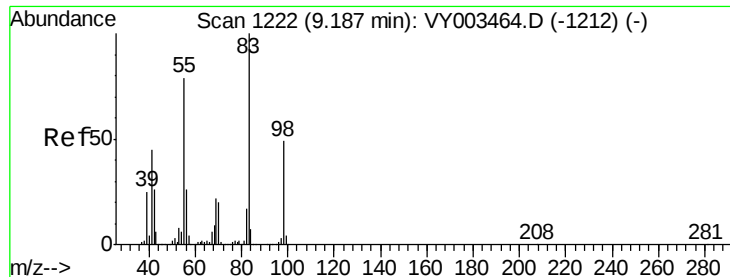
11/6/2020 9:27:11 AM



#38
Carbon Tetrachloride
Concen: 50.356 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion:	117	Resp:	178229
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.2	114.4
121	30.4	24.2	36.4



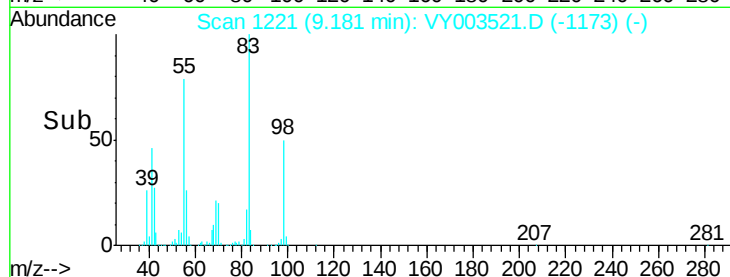
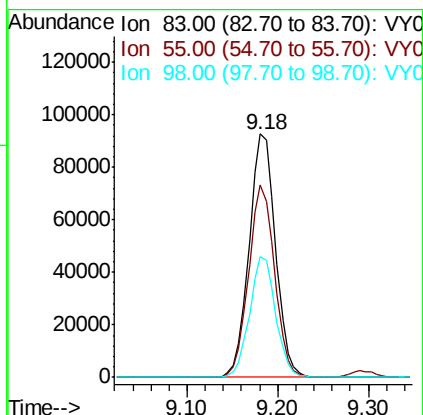
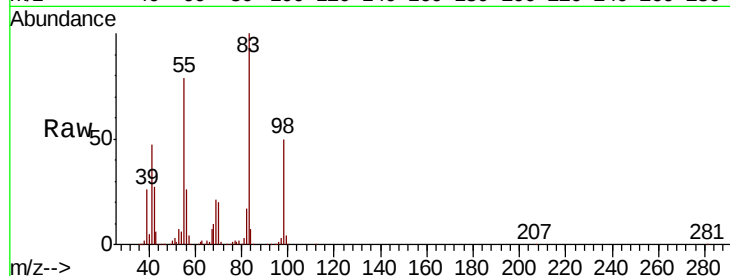


#39
Methvlcvclohexane
Concen: 49.201 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

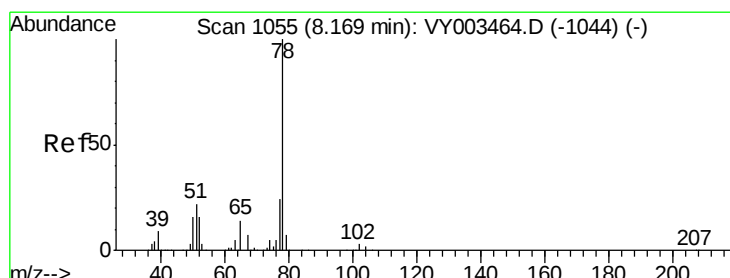
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	63.5	95.3
98	49.7	39.4	59.2

Manual Integrations
APPROVED



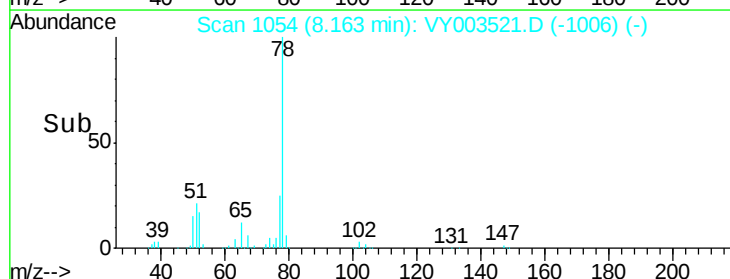
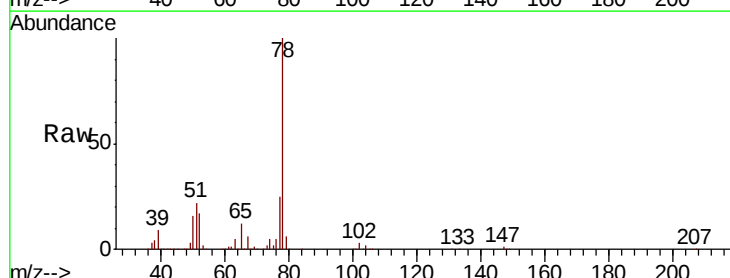
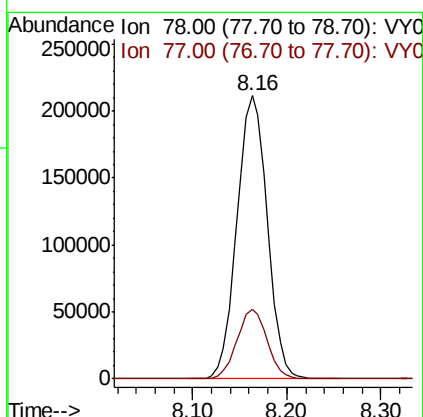
MMDadoda

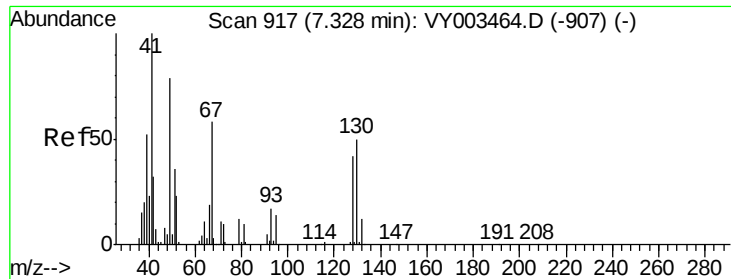
11/6/2020 9:27:11 AM



#40
Benzene
Concen: 50.218 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.0



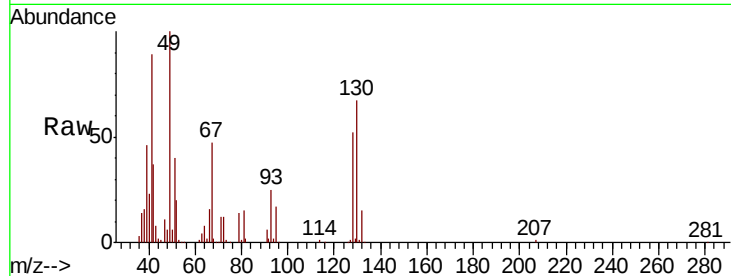


#41
Methacrylonitrile
Concen: 41.627 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

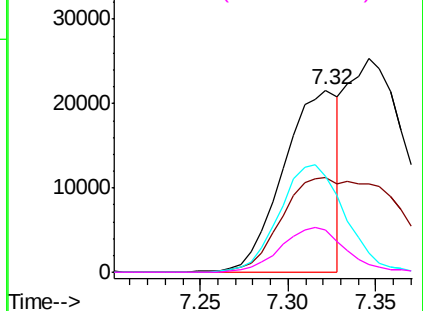
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

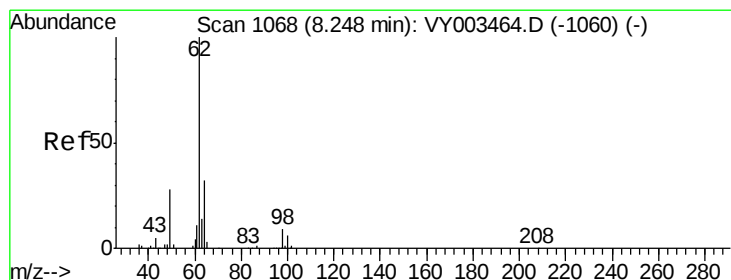
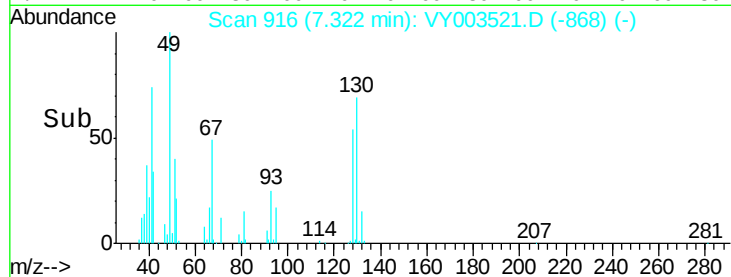


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



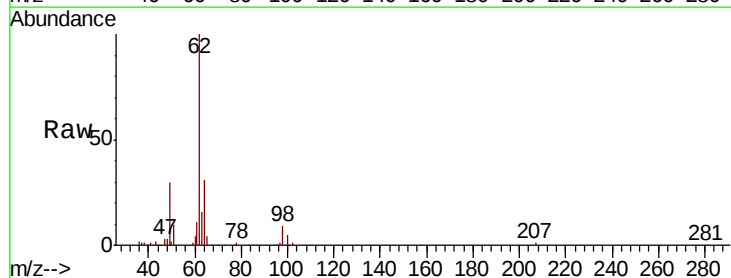
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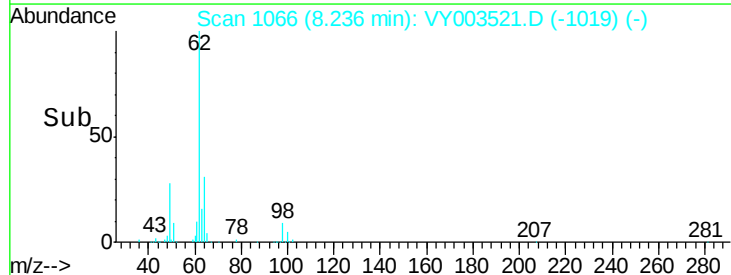
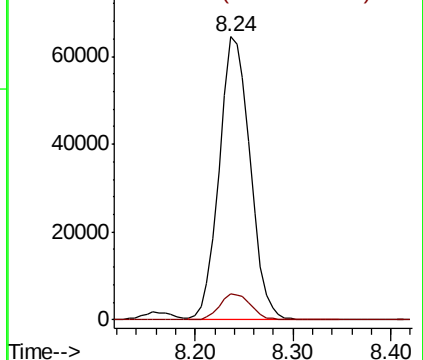


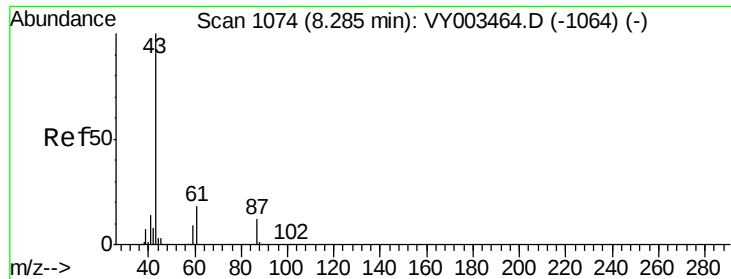
#42
1,2-Dichloroethane
Concen: 47.447 ug/l
RT: 8.24 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



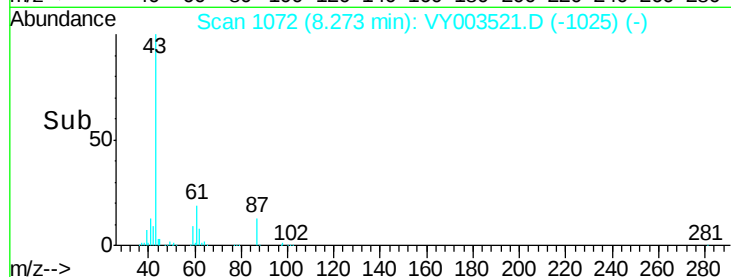
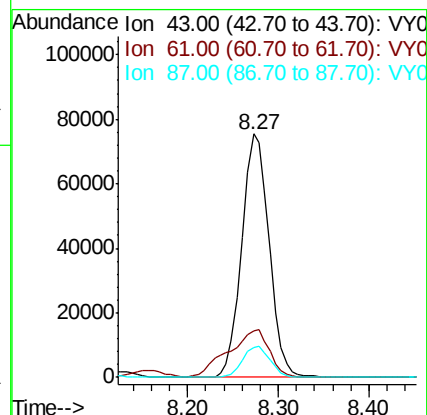
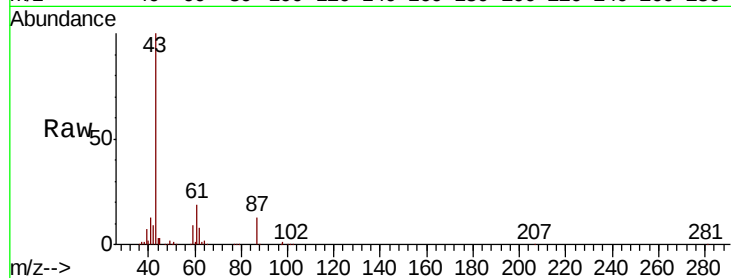


#43
Isopropyl Acetate
Concen: 41.459 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

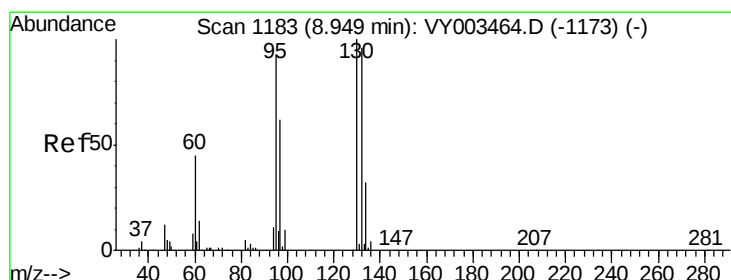
Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	21.9	32.9
87	12.9	10.0	15.0

Manual Integrations
APPROVED



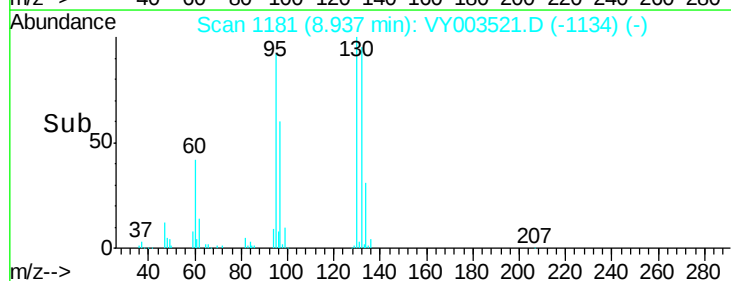
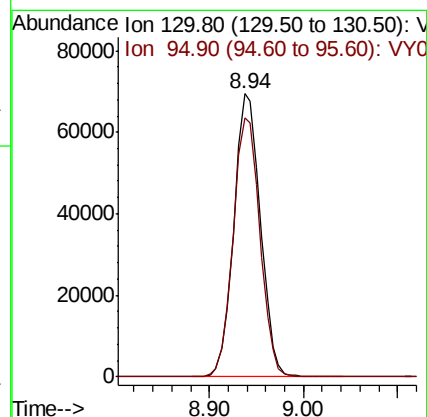
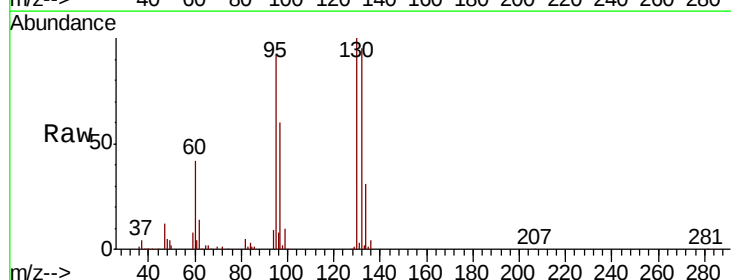
MMDadoda

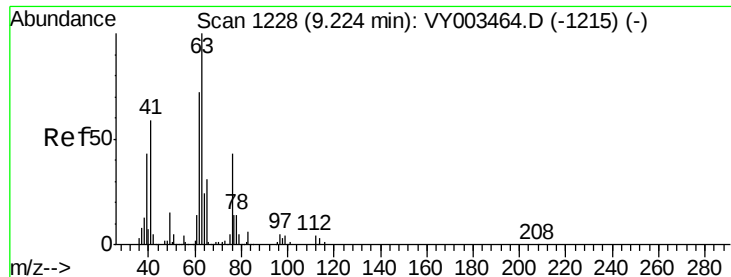
11/6/2020 9:27:11 AM



#44
Trichloroethene
Concen: 50.937 ug/l
RT: 8.94 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	186.6



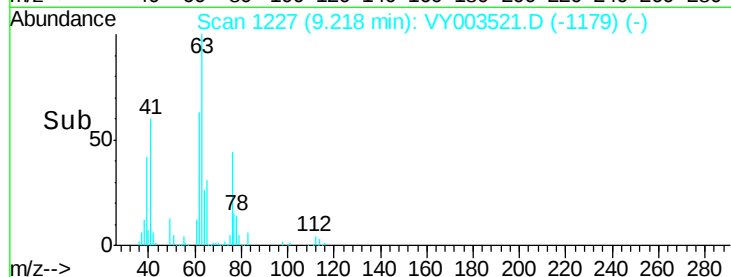
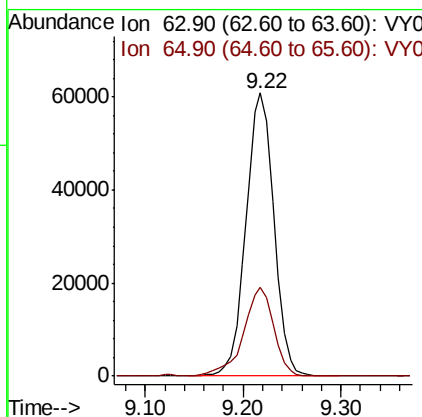
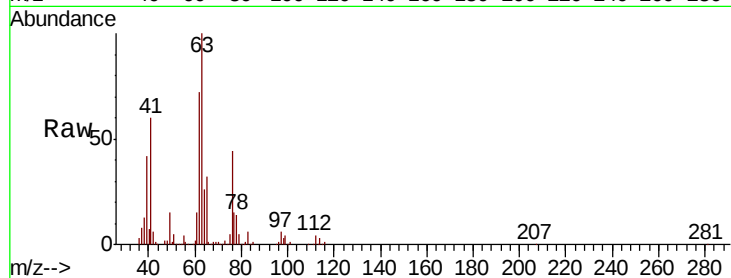


#45
 1,2-Dichloropropane
 Concen: 50.196 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

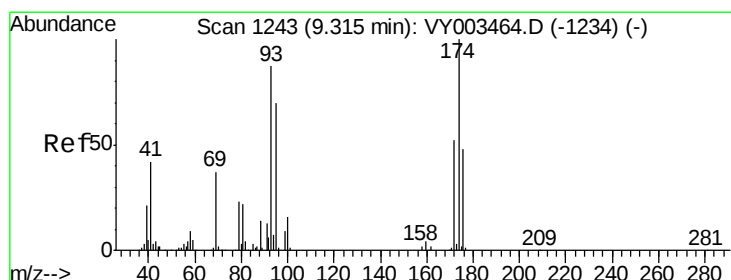
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.6	36.8

Manual Integrations
 APPROVED



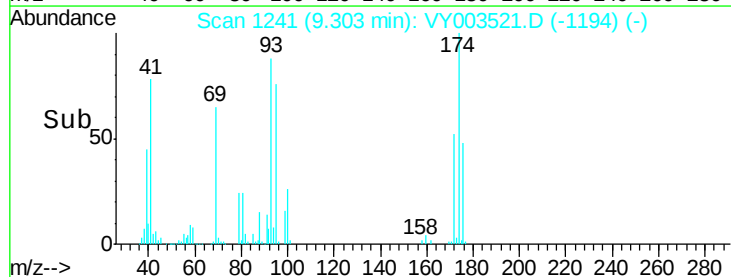
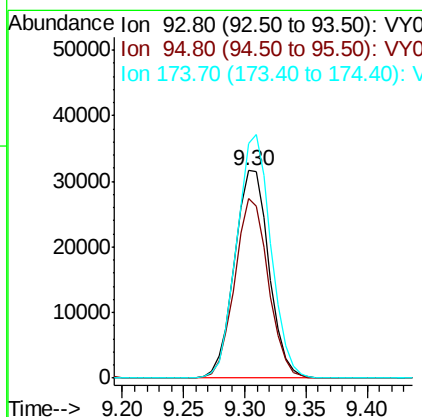
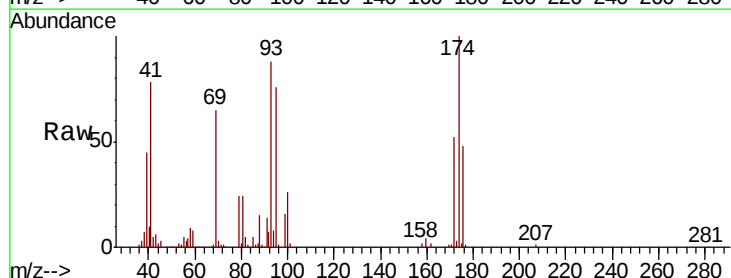
MMDadoda

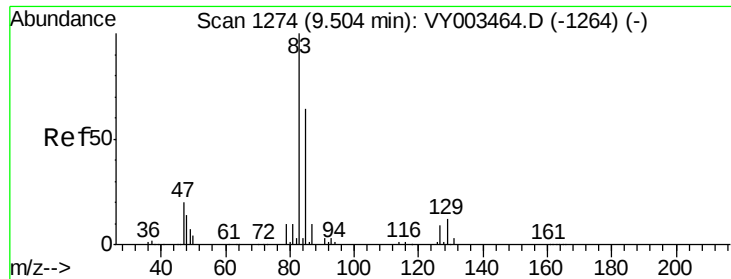
11/6/2020 9:27:11 AM



#46
 Dibromomethane
 Concen: 47.068 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.0	97.6
174	116.2	91.8	137.6



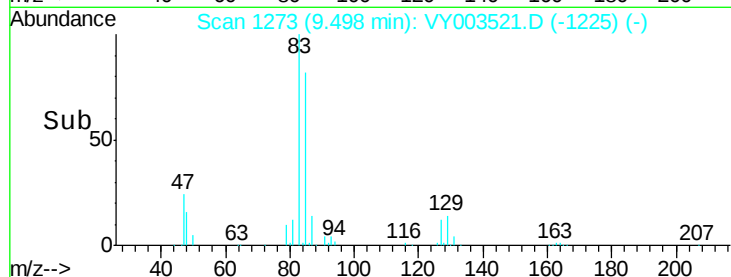
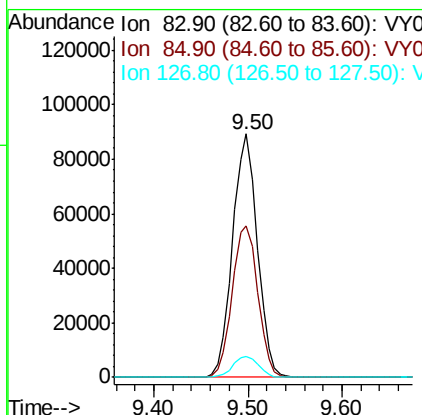
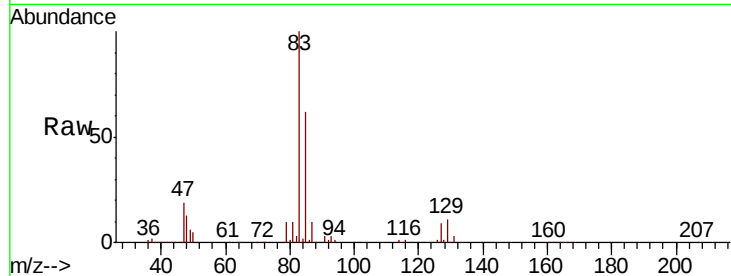


#47
Bromodichloromethane
Concen: 50.628 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

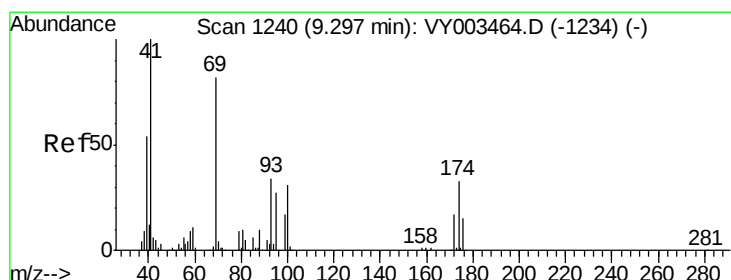
Tot Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.0	76.6
127	8.8	7.1	10.7

Manual Integrations
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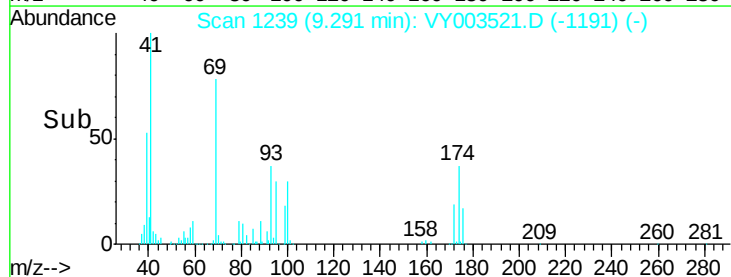
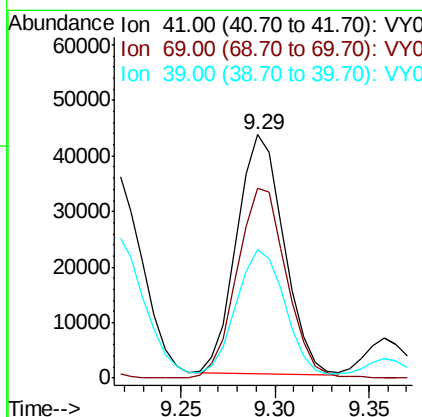
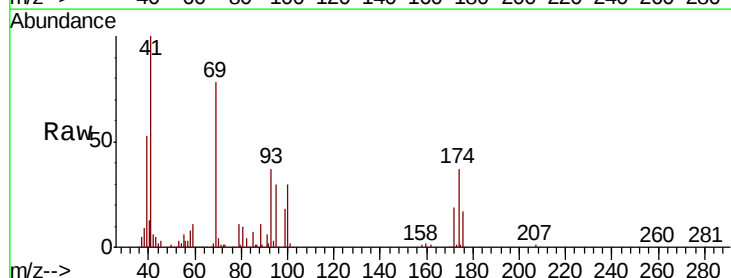
MMDadoda

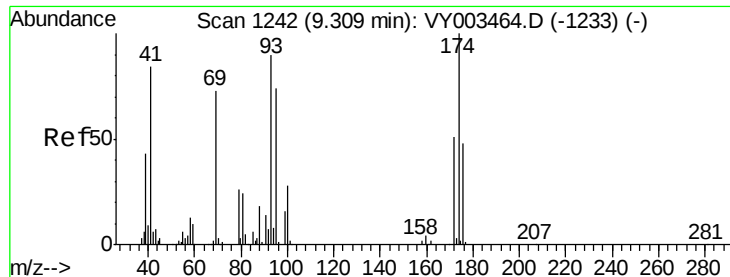
11/6/2020 9:27:11 AM



#48
Methyl methacrylate
Concen: 41.798 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.4	65.9	98.9
39	57.0	43.2	64.8



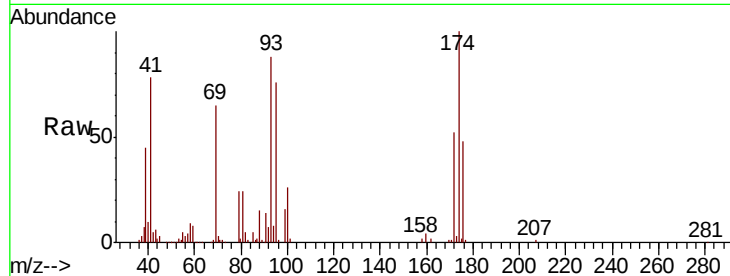


#49
1,4-Dioxane
Concen: 786.659 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.6	41.4
58	67.6	54.2	81.2

Manual Integrations
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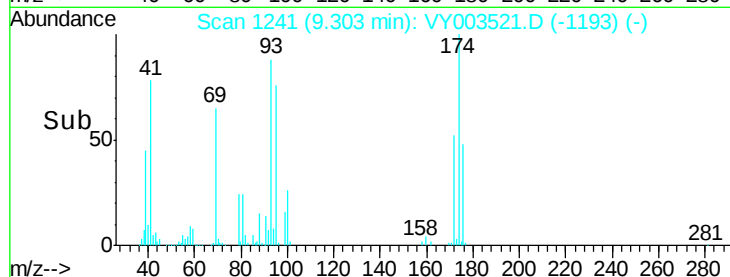
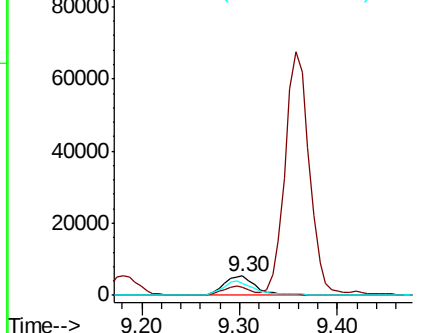


Abundance

Ion 88.00 (87.70 to 88.70): VY0

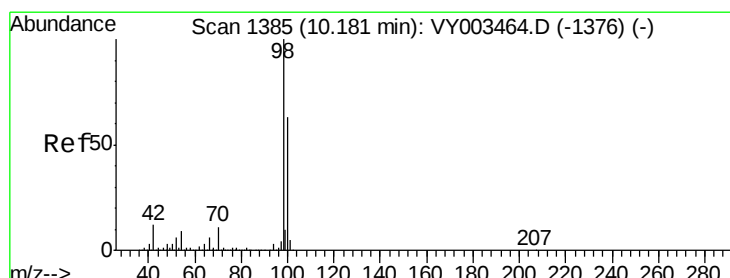
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



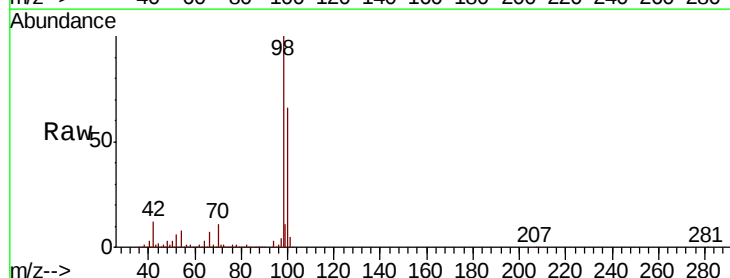
MMDadoda

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#50
Toluene-d8
Concen: 48.121 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

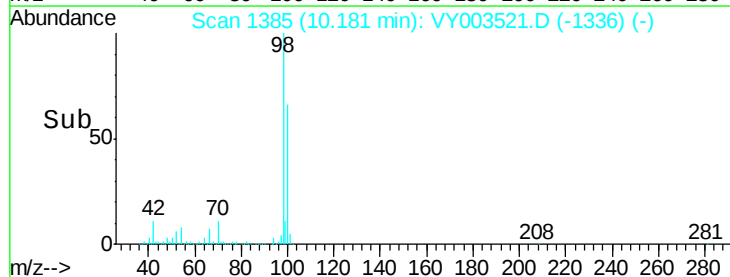
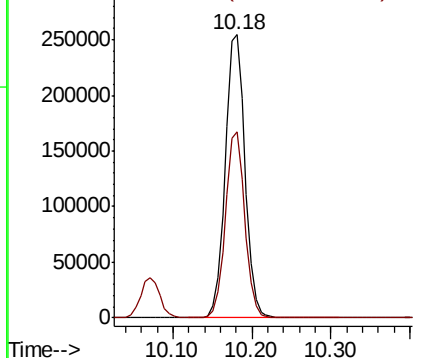
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3

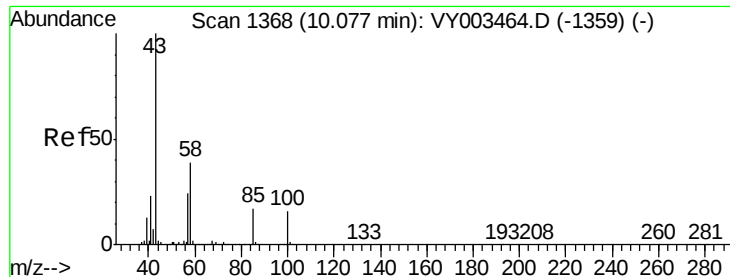


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



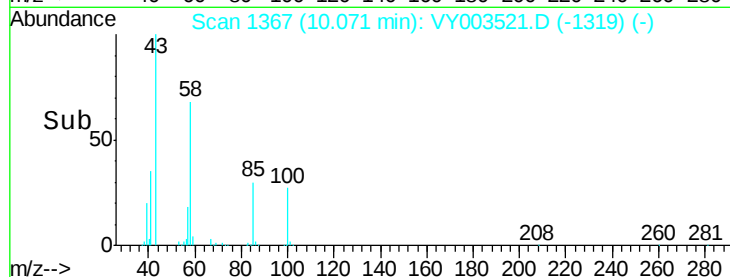
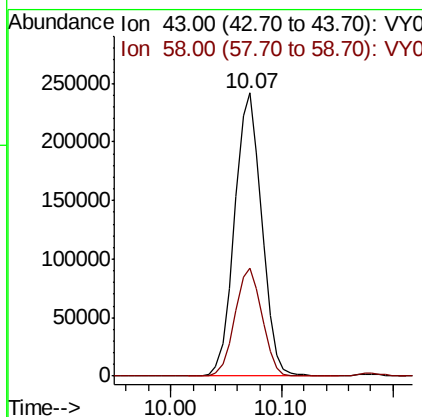
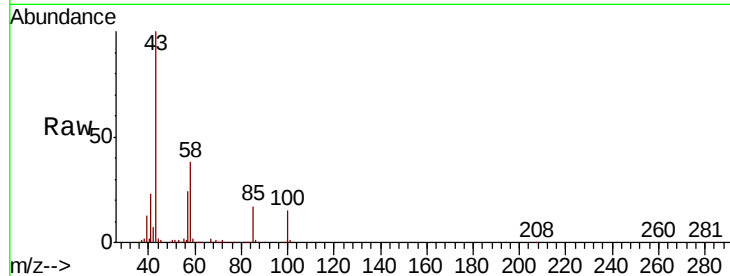


#51
4-Methyl-2-Pentanone
Concen: 201.102 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050EC

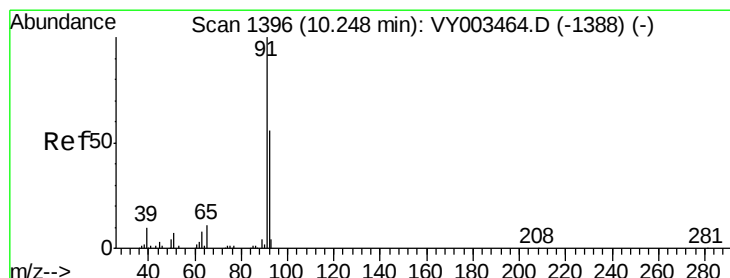
Tot Ion	43	Resp	407952
Ion Ratio	100	Lower	Upper
43	100		
58	38.3	31.0	46.4

Manual Integrations
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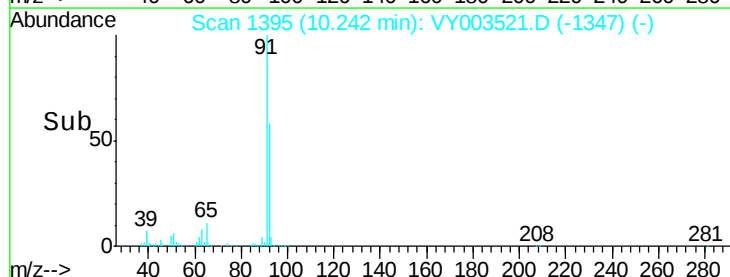
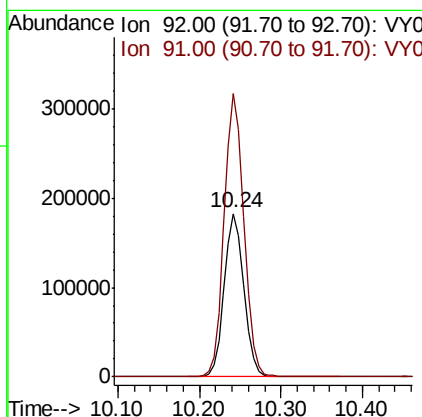
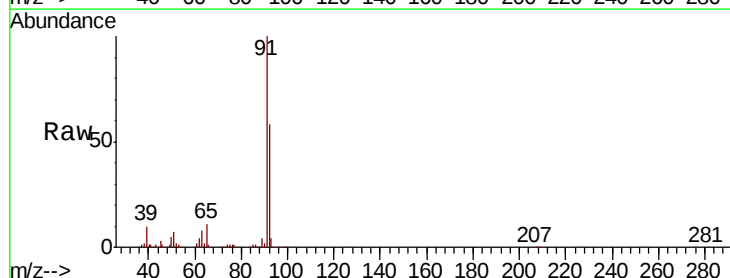
MMDadoda

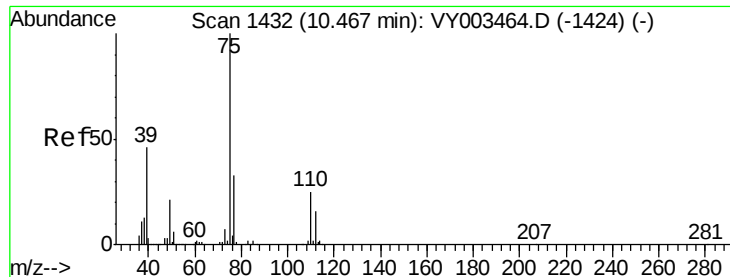
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#52
Toluene
Concen: 50.900 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	92	Resp	302272
Ion Ratio	100	Lower	Upper
92	100		
91	174.8	140.2	210.4





#53

t-1,3-Dichloropropene

Concen: 48.375 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050EC

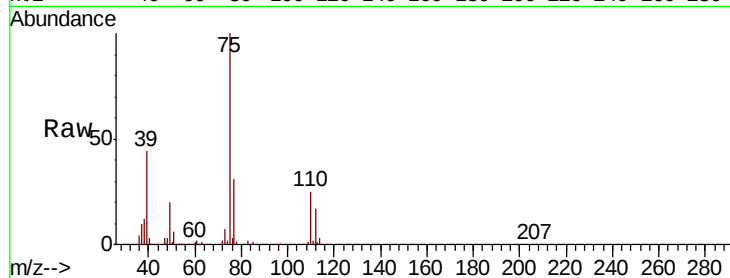
Tot Ion: 75 Resp: 166214

Ion Ratio Lower Upper

75 100

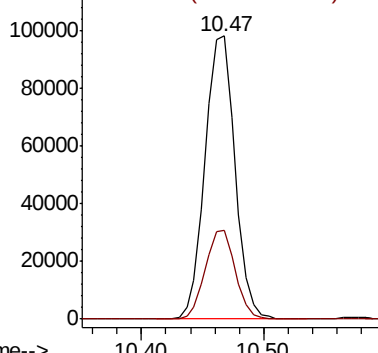
77 31.1 26.2 39.4

Manual Integrations
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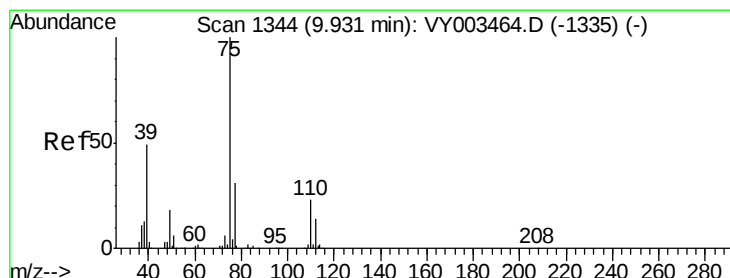
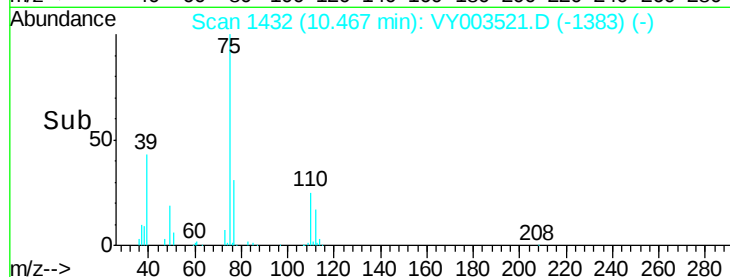
Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



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#54

cis-1,3-Dichloropropene

Concen: 50.170 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

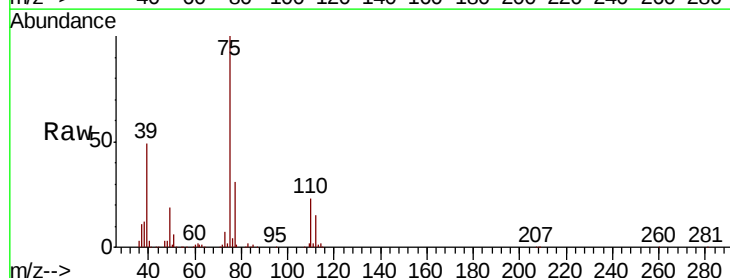
Tgt Ion: 75 Resp: 193979

Ion Ratio Lower Upper

75 100

77 31.0 24.5 36.7

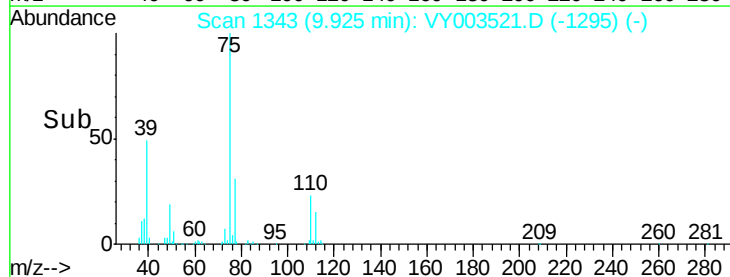
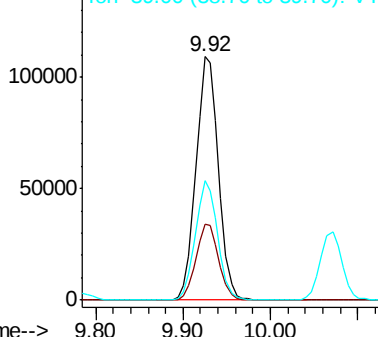
39 49.2 39.0 58.4

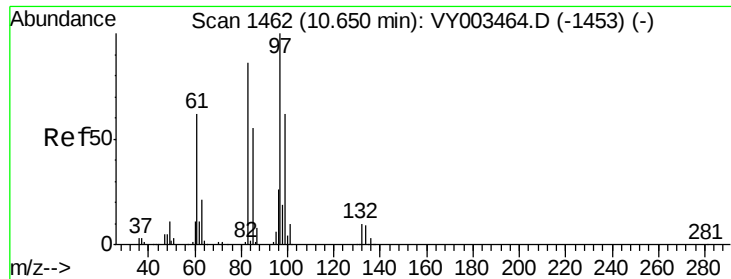


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



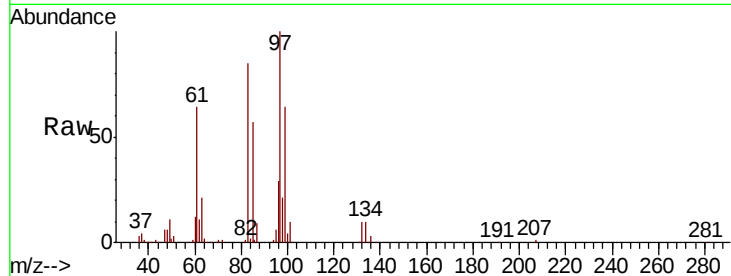


#55
 1,1,2-Trichloroethane
 Concen: 47.589 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	89114
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.6	102.8
85	56.9	43.8	65.6
99	63.6	49.9	74.9

Manual Integrations
 APPROVED



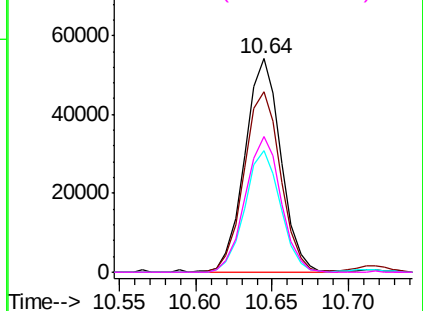
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

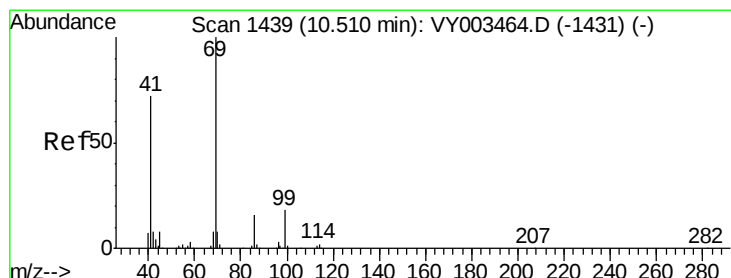
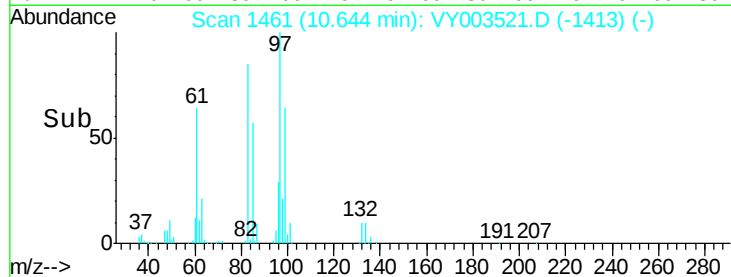
Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



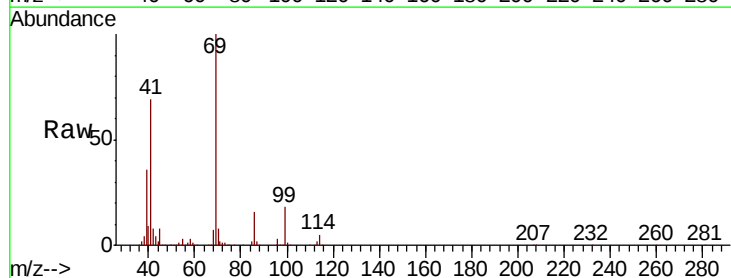
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#56
 Ethyl methacrylate
 Concen: 45.856 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion:	69	Resp:	115016
Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.4	83.2
39	36.1	28.7	43.1

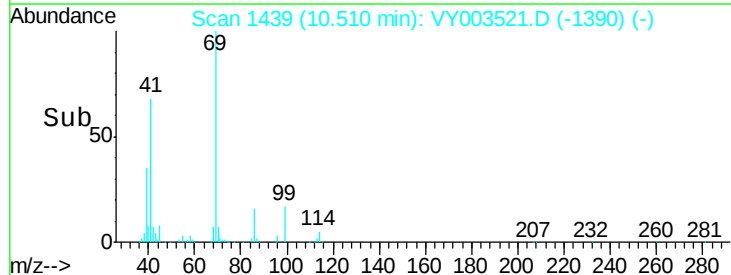
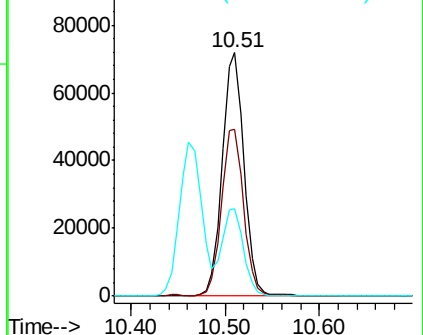


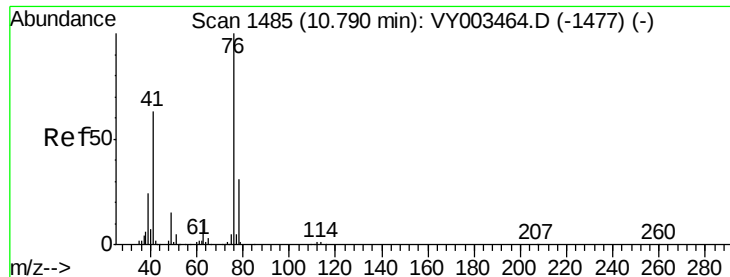
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0



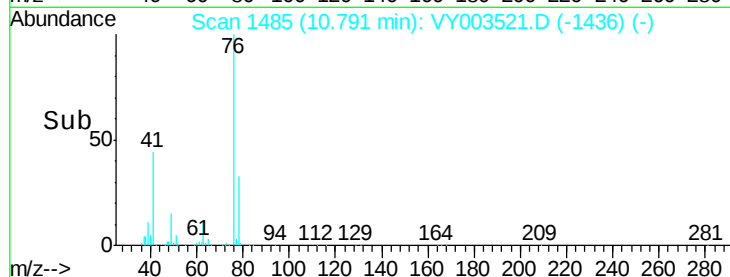
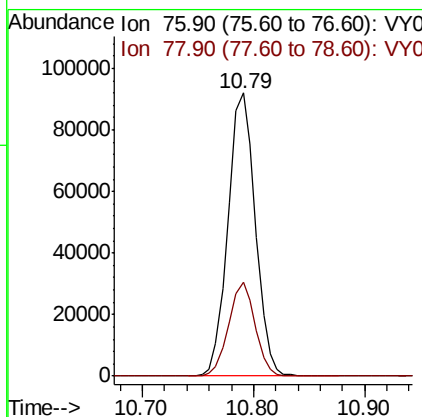
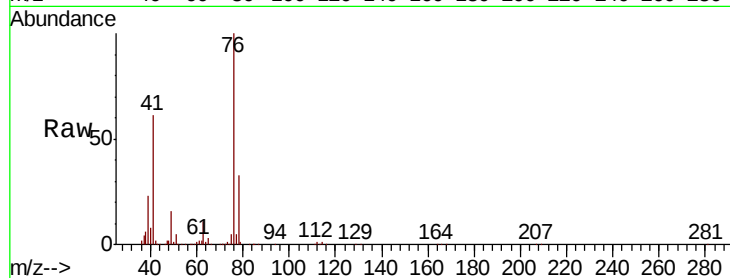


#57
 1,3-Dichloropropane
 Concen: 48.073 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

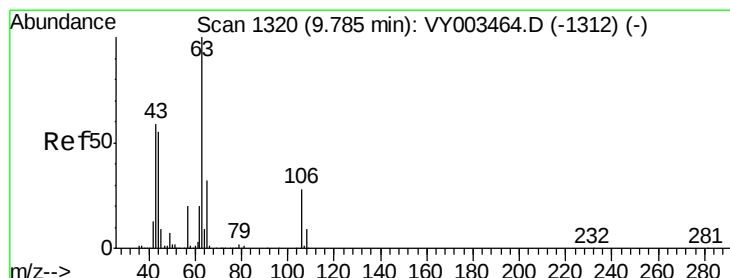
Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

Manual Integrations
 APPROVED



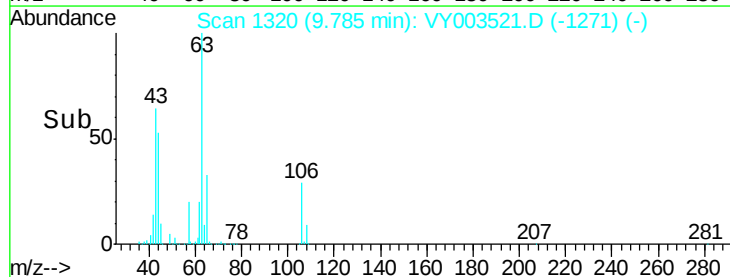
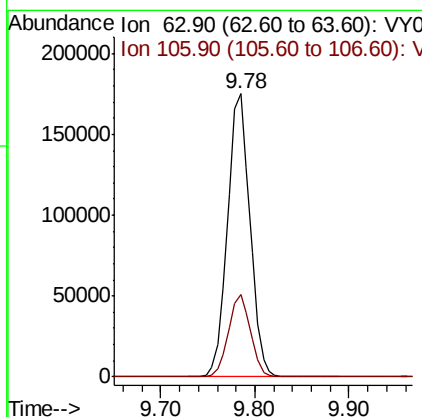
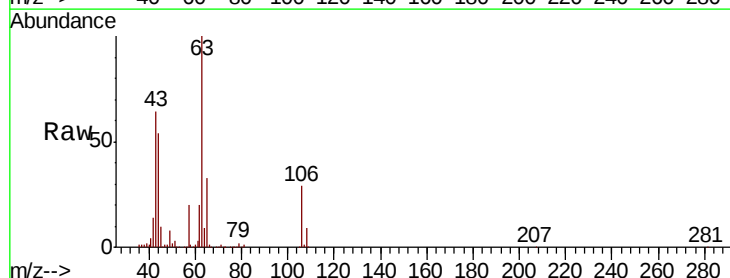
MMDadoda

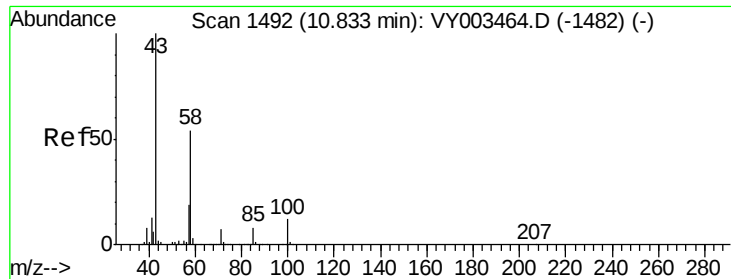
11/6/2020 9:27:11 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 228.819 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.3	33.5



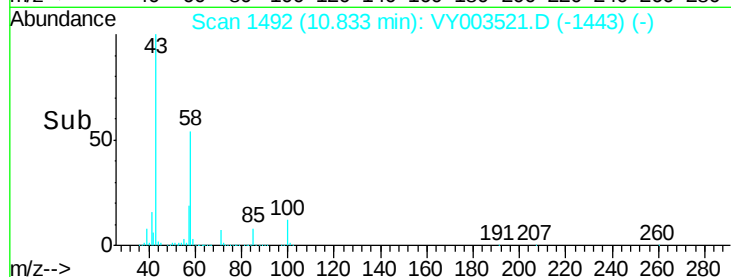
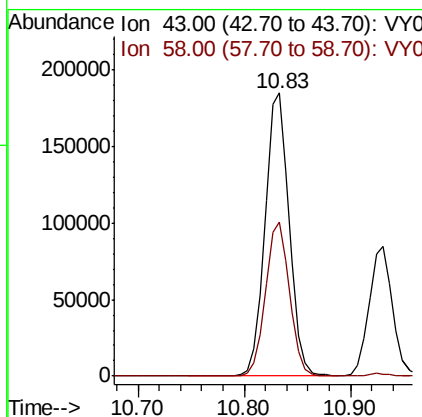
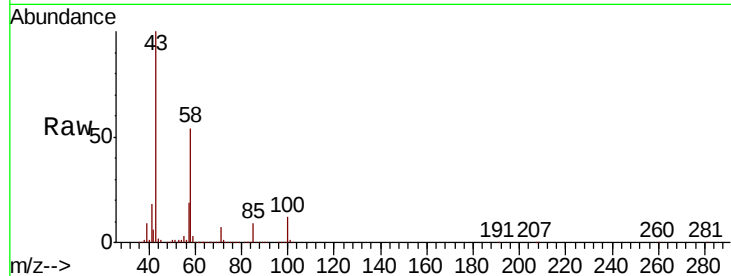


#59
2-Hexanone
Concen: 195.848 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

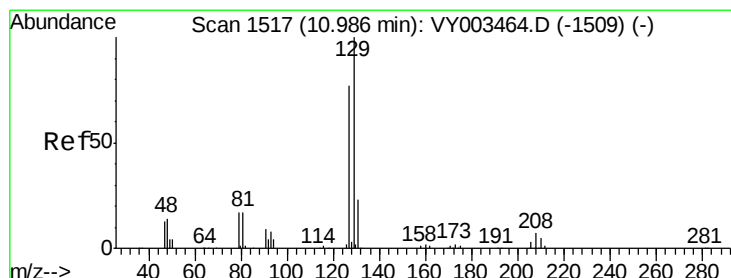
Tot Ion: 43 Resp: 294159
Ion Ratio Lower Upper
43 100
58 53.9 26.8 80.3

Manual Integrations
APPROVED



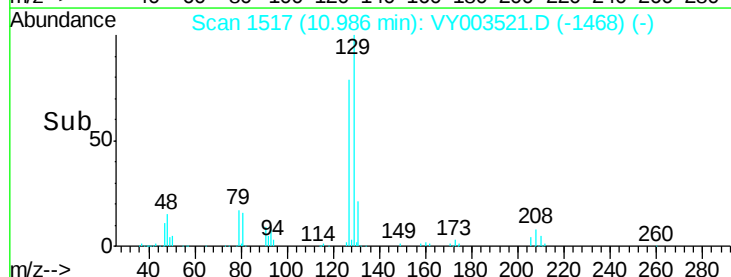
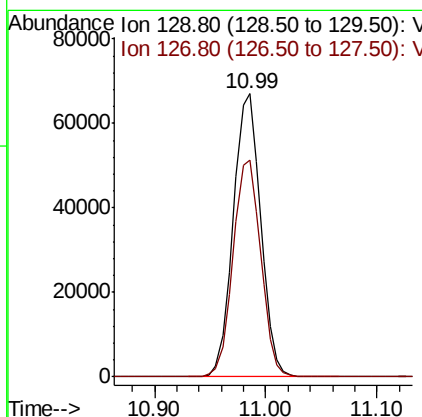
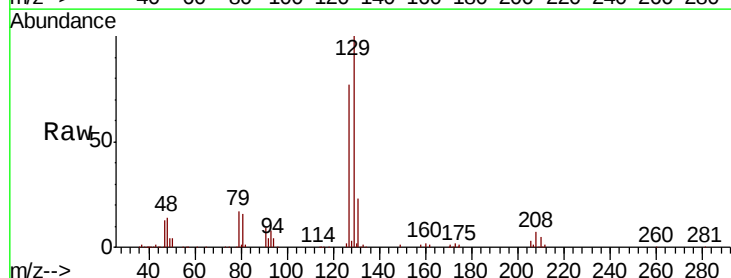
MMDadoda

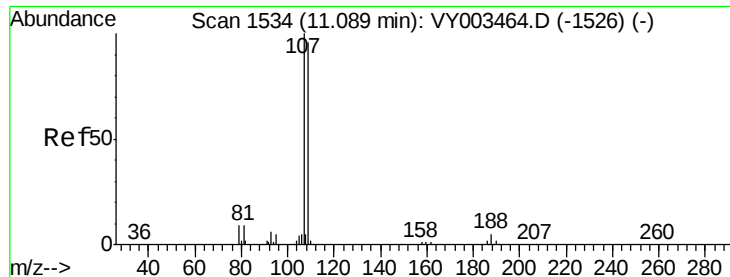
11/6/2020 9:27:11 AM



#60
Dibromochloromethane
Concen: 49.776 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion: 129 Resp: 114559
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3



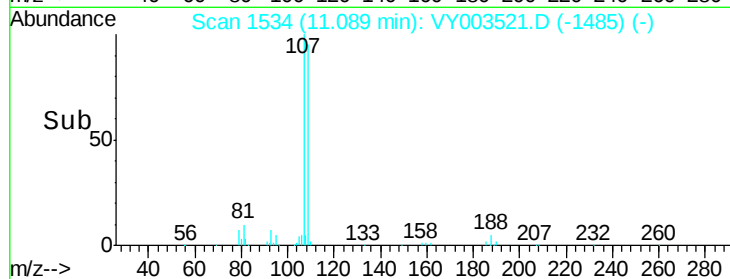
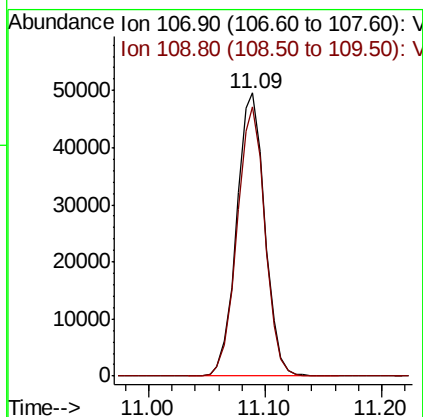
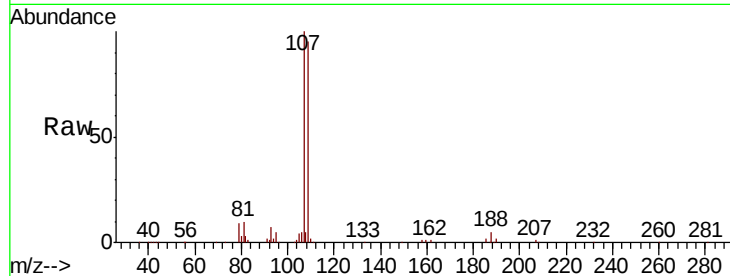


#61
 1,2-Dibromoethane
 Concen: 46.169 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

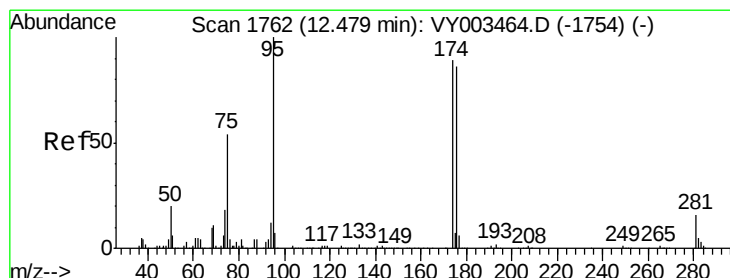
Tot Ion: 107 Resp: 83464
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.5 114.7

Manual Integrations
 APPROVED



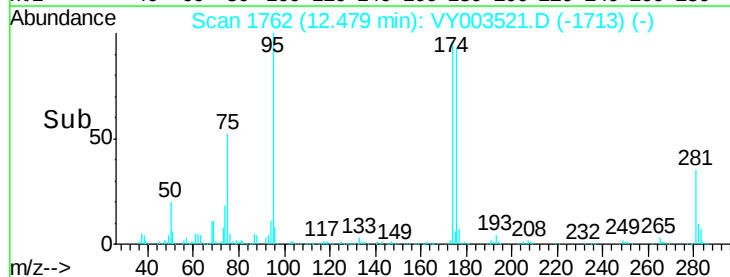
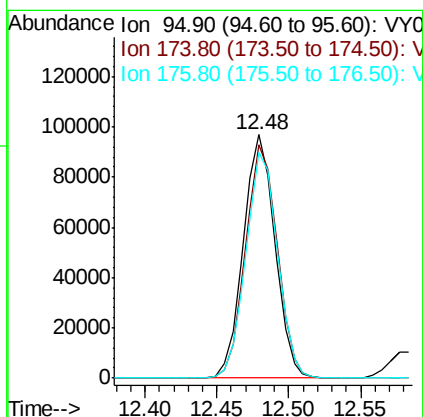
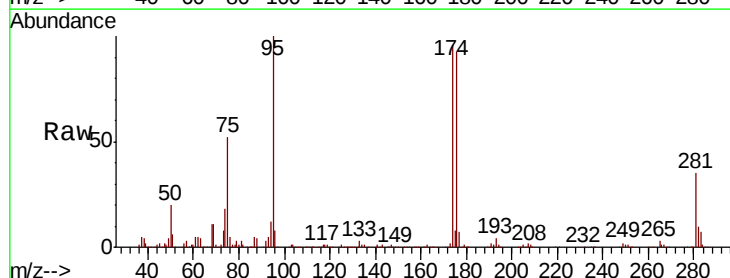
MMDadoda

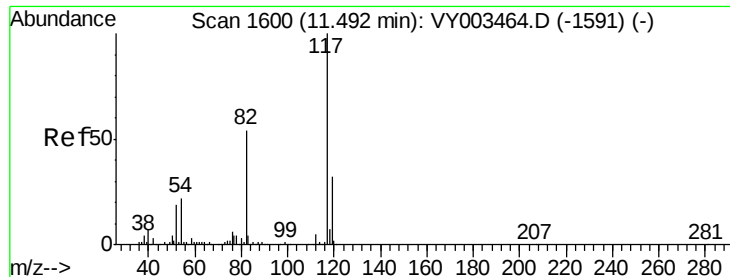
11/6/2020 9:27:11 AM



#62
 4-Bromofluorobenzene
 Concen: 48.428 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion: 95 Resp: 146987
 Ion Ratio Lower Upper
 95 100
 174 96.3 0.0 193.0
 176 93.3 0.0 187.4



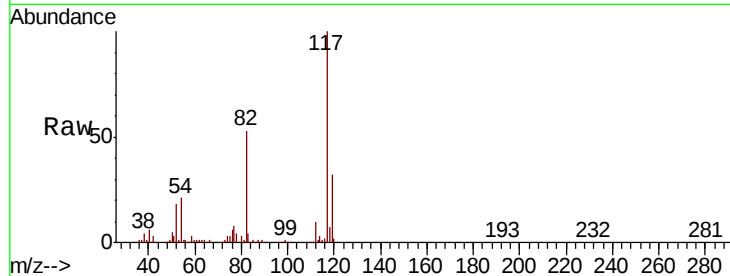


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.4	65.2
119	32.4	25.8	38.6

Manual Integrations
APPROVED

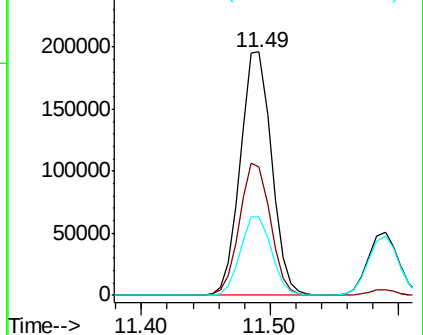


Abundance

Ion 116.90 (116.60 to 117.60): V

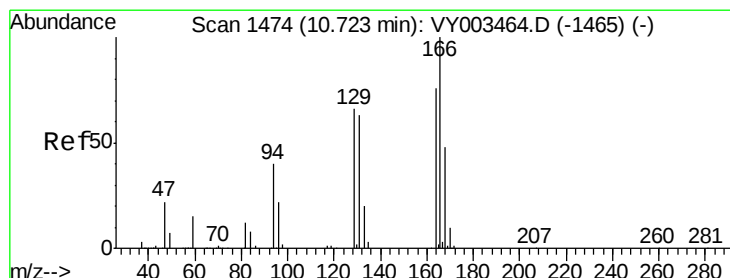
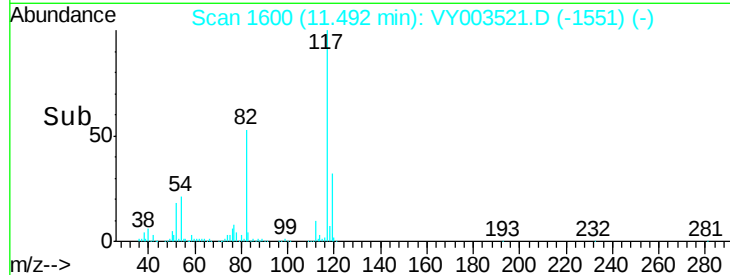
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



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11/6/2020 9:27:11 AM



#64
Tetrachloroethene
Concen: 51.094 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.9	157.3
129	82.4	68.9	103.3
131	82.1	66.2	99.2

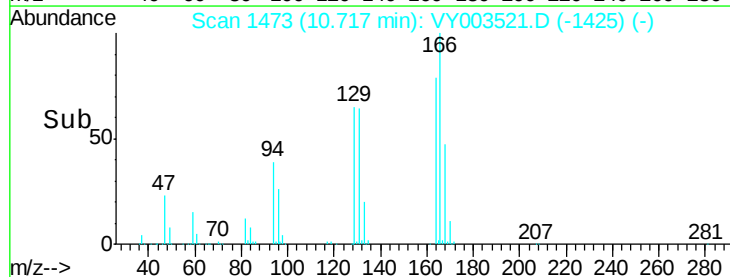
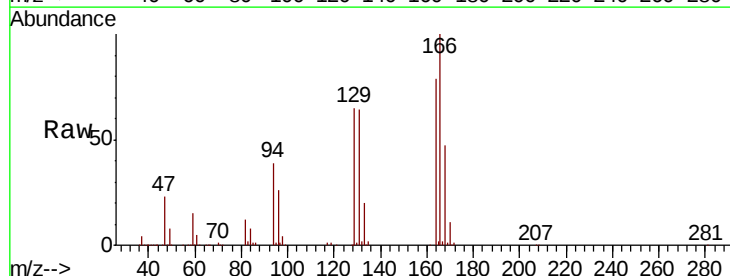
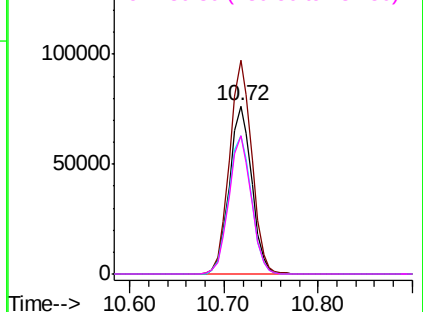
Abundance

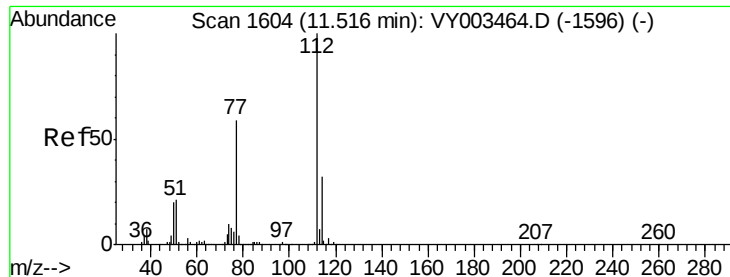
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



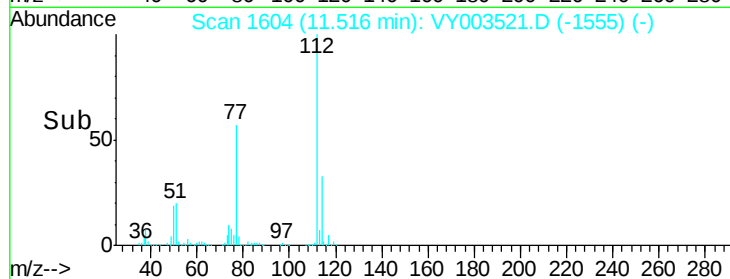
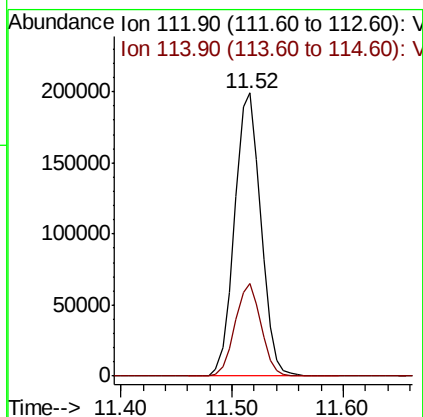
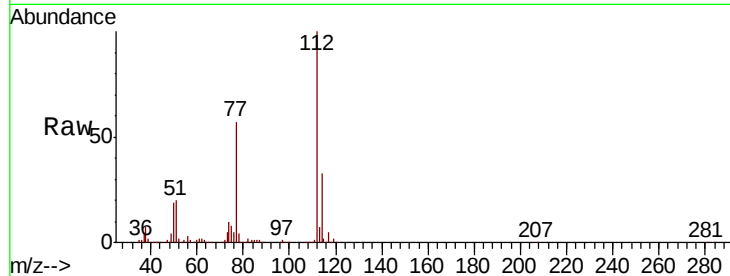


#65
Chlorobenzene
Concen: 50.649 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

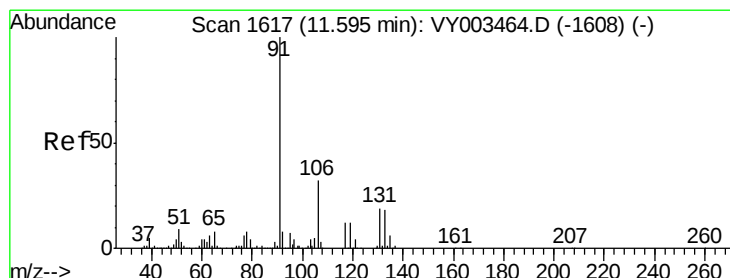
Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.5	38.3

Manual Integrations
APPROVED



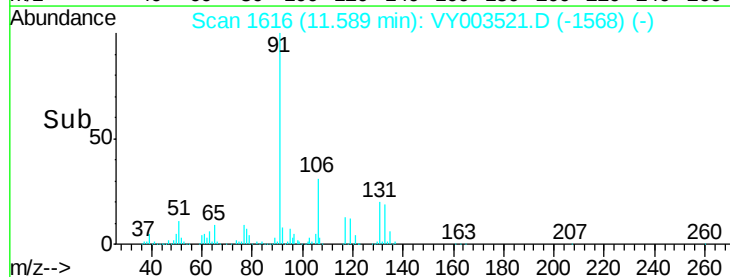
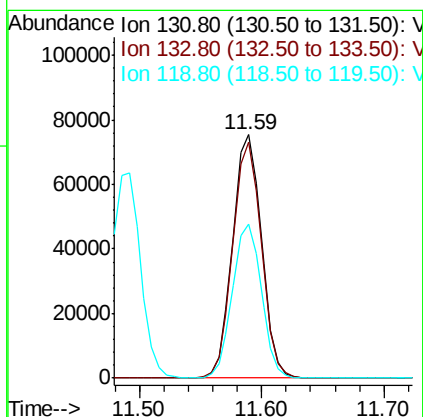
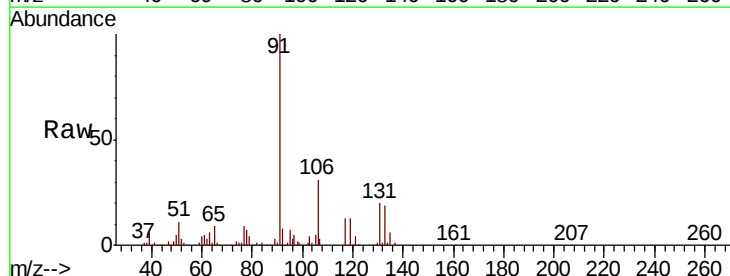
MMDadoda

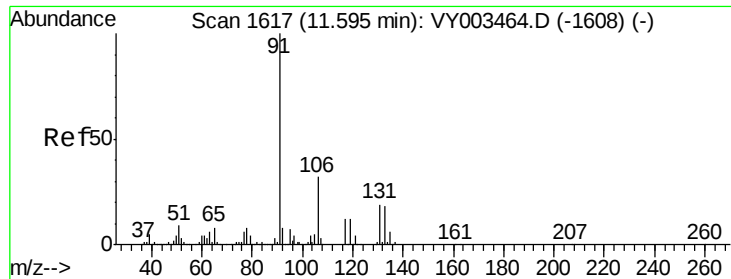
11/6/2020 9:27:11 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.108 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.4	142.2
119	63.5	31.6	95.0



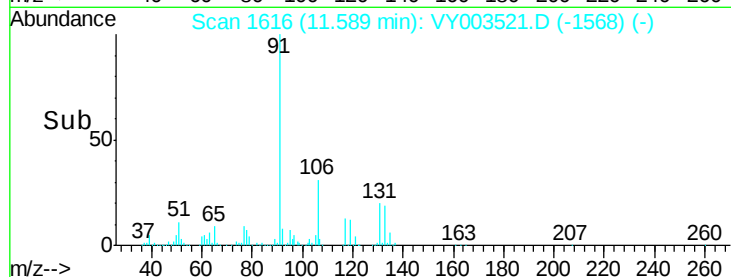
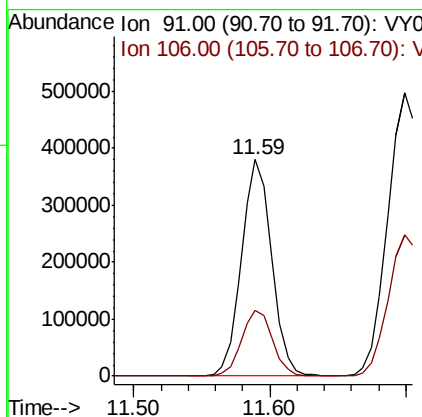
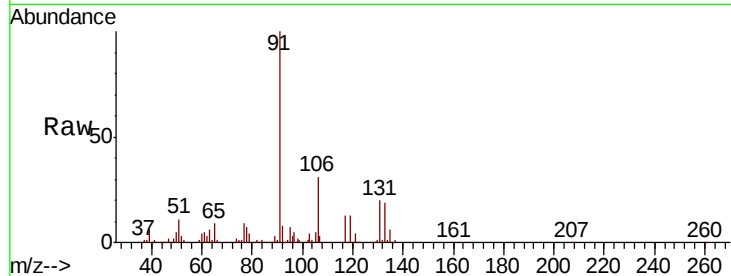


#67
Ethyl Benzene
Concen: 50.768 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

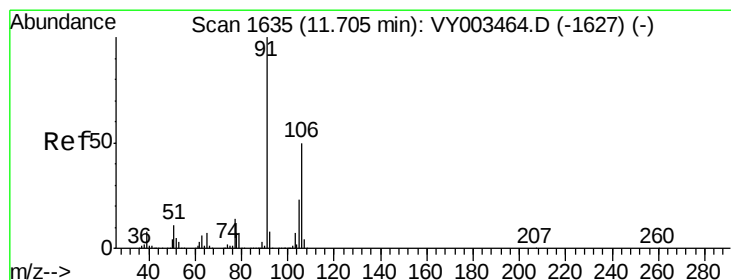
Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	30.5	25.4	38.0	

Manual Integrations
APPROVED



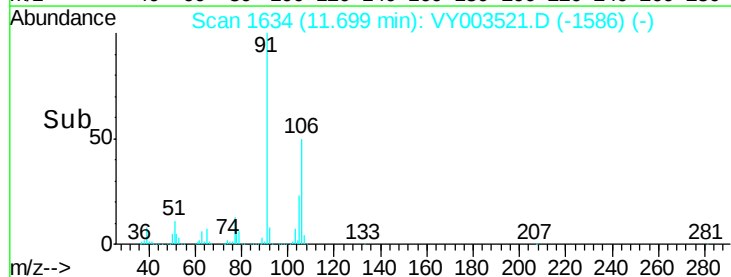
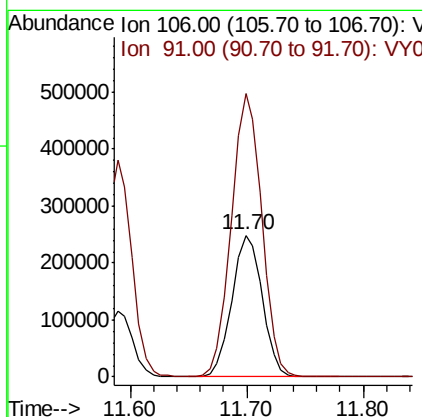
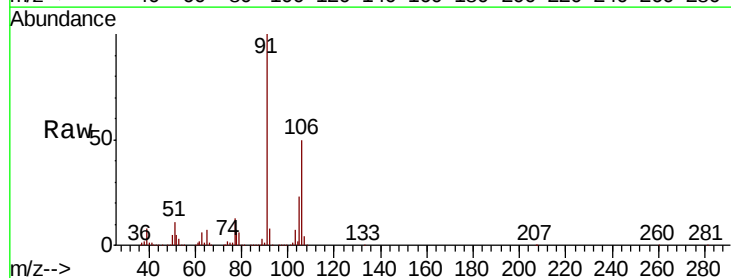
MMDadoda

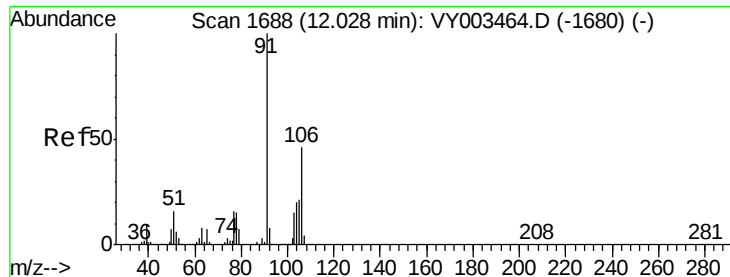
11/6/2020 9:27:11 AM



#68
m/p-Xylenes
Concen: 102.775 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	200.0	161.0	241.6	



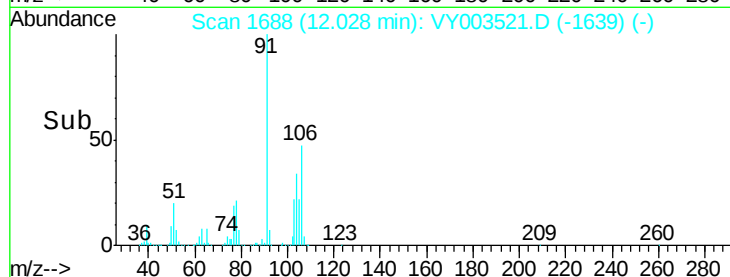
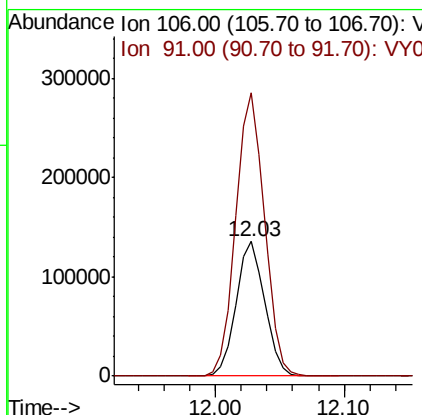
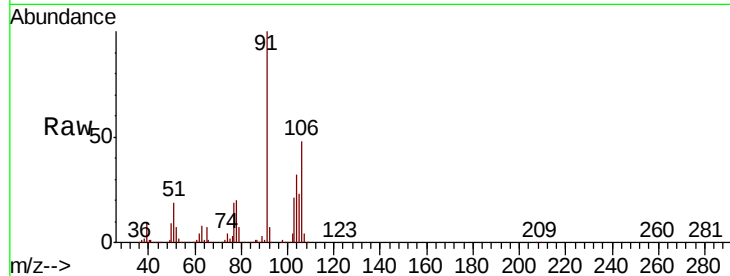


#69
o-Xylene
Concen: 51.666 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleID :
VSTDCCC050EC

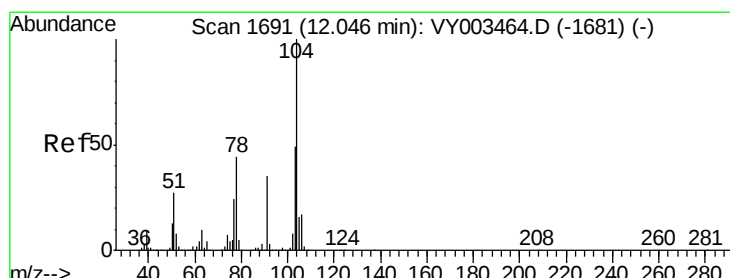
Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	211.3	105.5	316.5

Manual Integrations
APPROVED



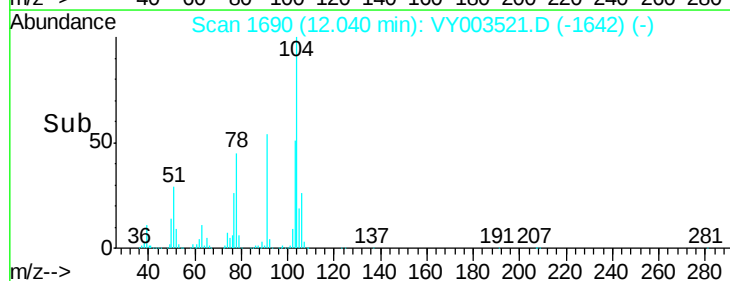
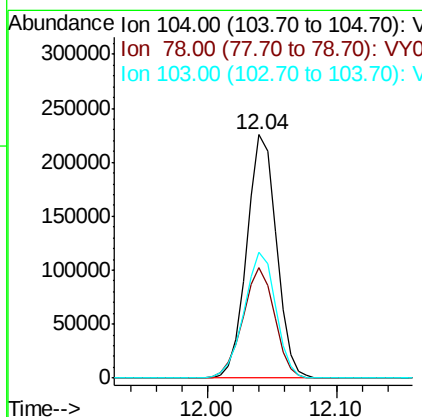
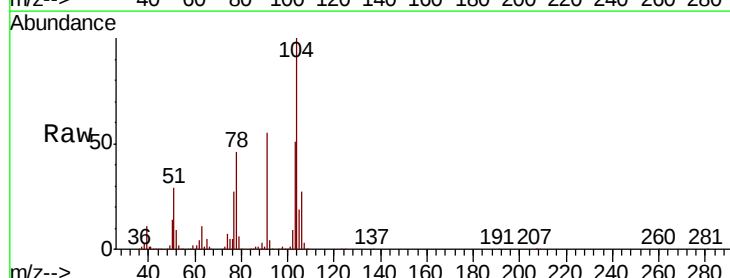
MMDadoda

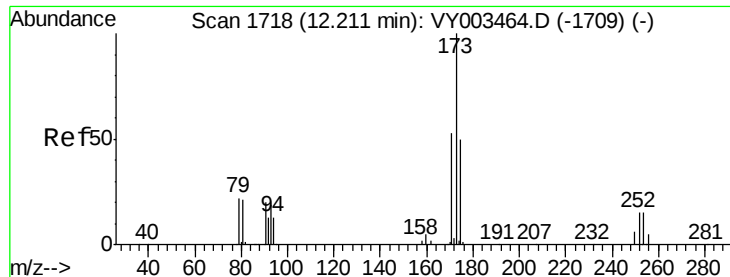
11/6/2020 9:27:11 AM



#70
Styrene
Concen: 51.928 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	48.9	39.5	59.3
103	103	55.3	44.2	66.2



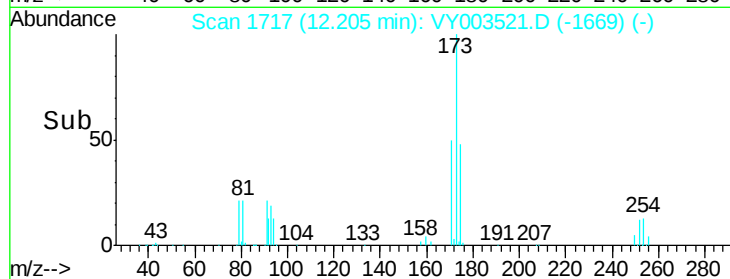
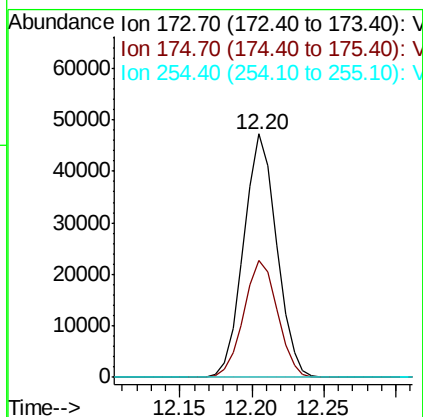
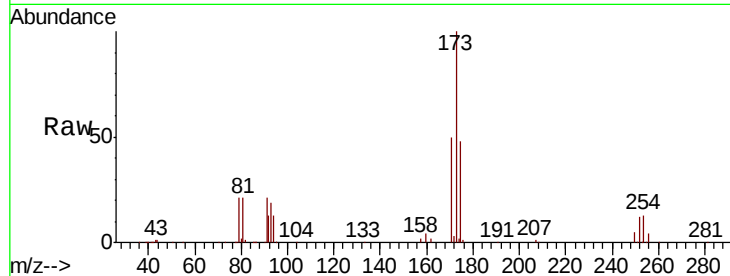


#71
Bromoform
Concen: 46.562 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

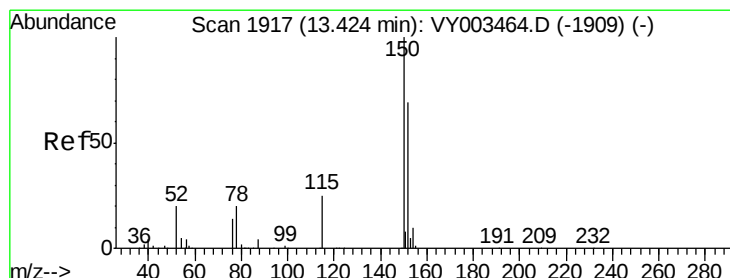
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.7	74.1
254	0.1	0.2	0.2

Manual Integrations
APPROVED



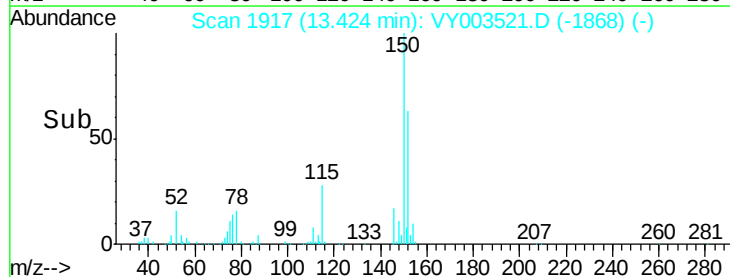
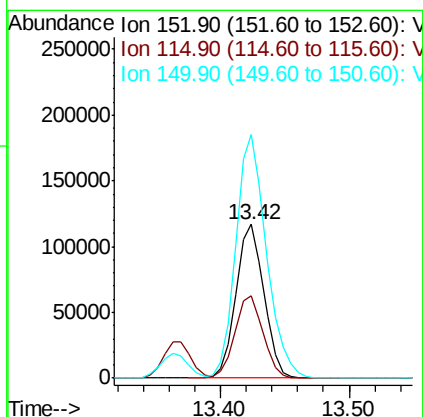
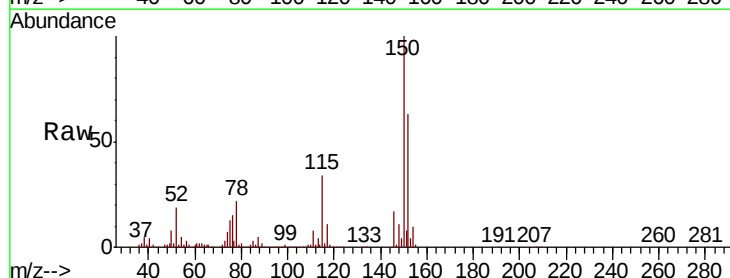
MMDadoda

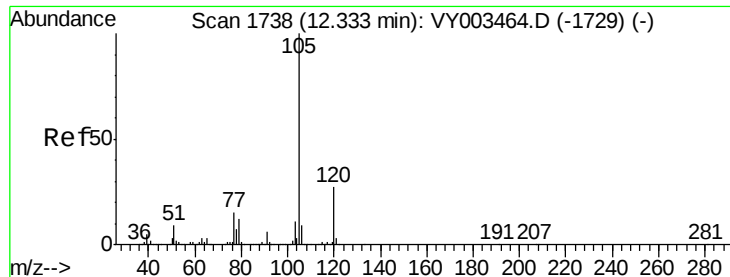
11/6/2020 9:27:11 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.5	82.4
150	173.4	0.0	345.8





#73

Isopropylbenzene

Concen: 50.469 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

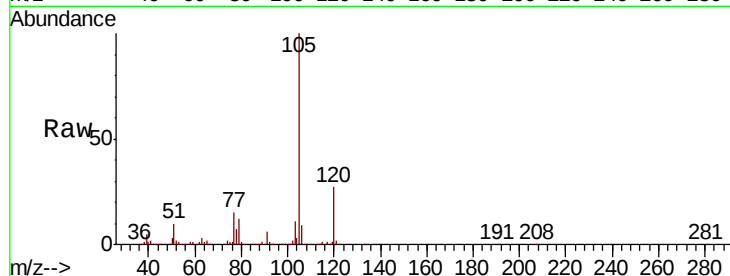
Tot Ion: 105 Resp: 577361

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5

Manual Integrations
APPROVED



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

400000

300000

200000

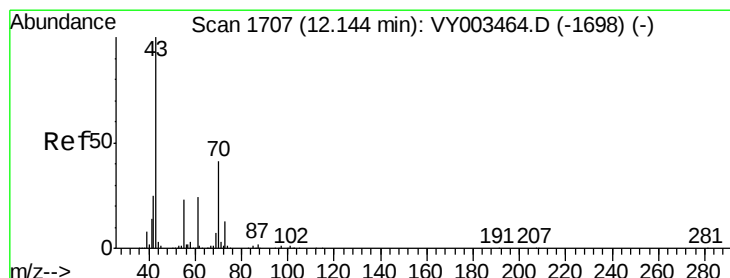
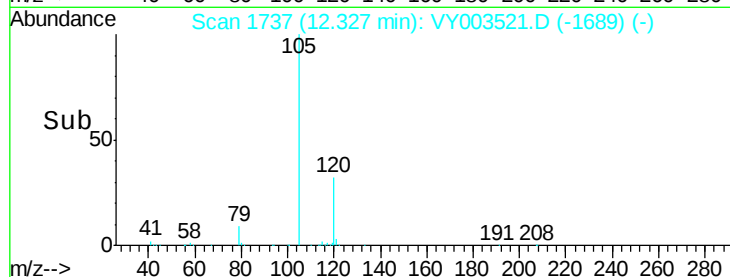
100000

0

Time-->

MMDadoda

11/6/2020 9:27:11 AM



#74

N-ethyl acetate

Concen: 42.477 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Tgt Ion: 43 Resp: 137647

Ion Ratio Lower Upper

43 100

70 42.1 33.1 49.7

55 24.7 19.2 28.8

61 24.5 19.0 28.6

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

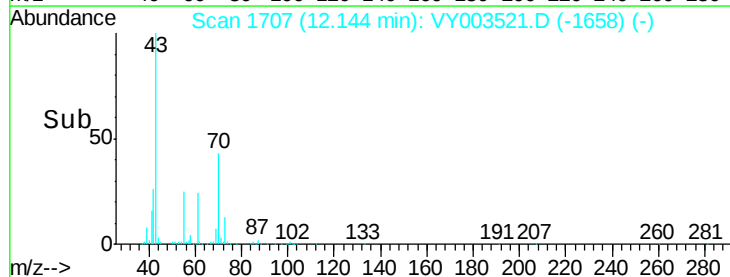
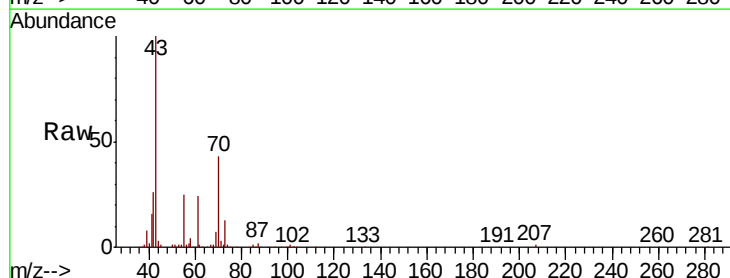
150000

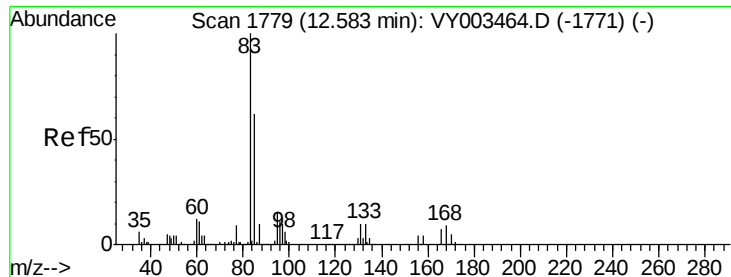
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 43.373 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

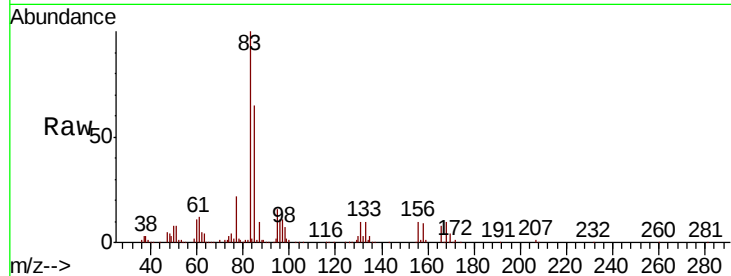
MSVOA_Y

ClientSampleId :

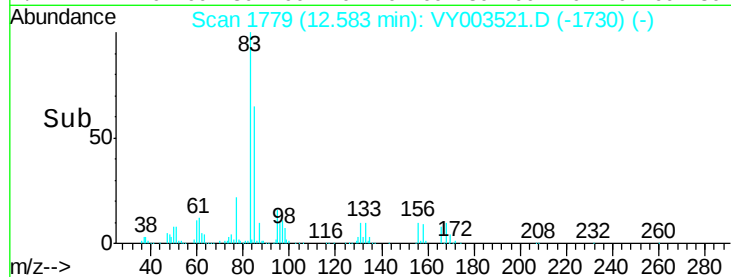
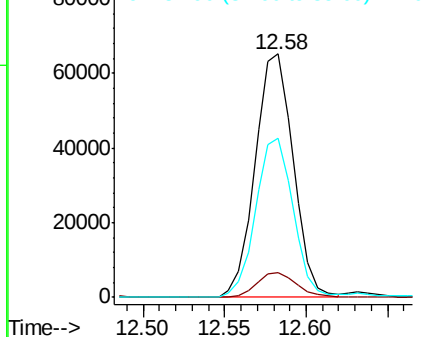
VSTDCCC050EC

Tot Ion:	83	Resp:	105984
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	64.1	32.0	96.2

Manual Integrations
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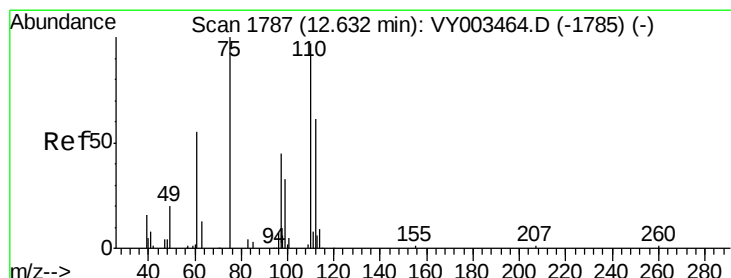


Abundance Ion 82.90 (82.60 to 83.60): VY003521.D (-1730) (-)



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#76

1,2,3-Trichloropropane

Concen: 37.995 ug/l m

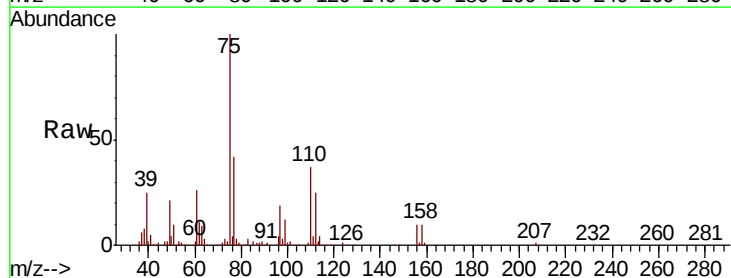
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

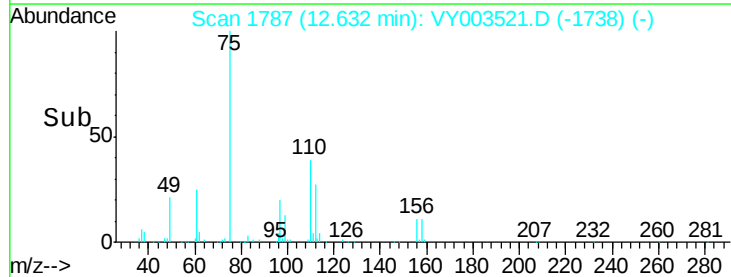
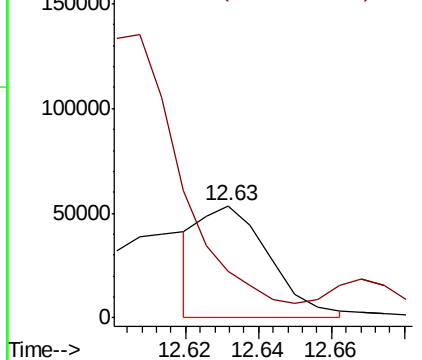
Lab File: VY003521.D

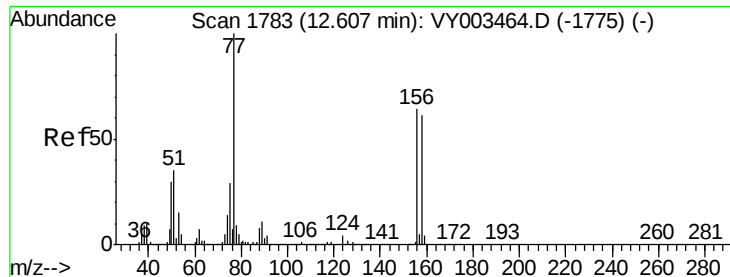
Acq: 05 Nov 2020 16:06

Tgt Ion:	75	Resp:	70404
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003521.D (-1738) (-)



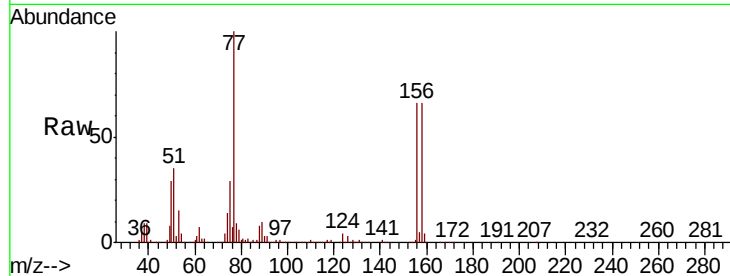


#77
Bromobenzene
Concen: 49.495 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

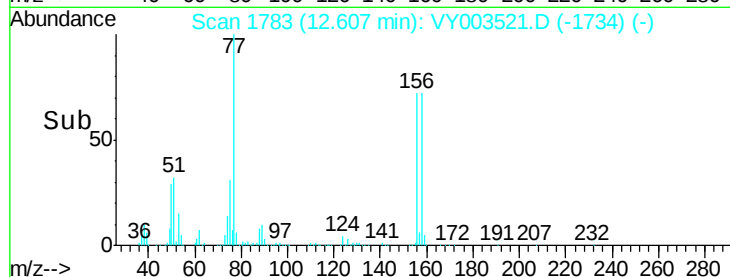
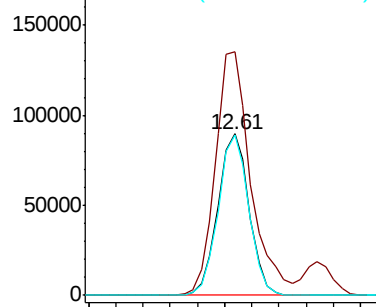
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	170.9	87.0	260.9	
158	97.6	48.7	146.1	

Manual Integrations
APPROVED



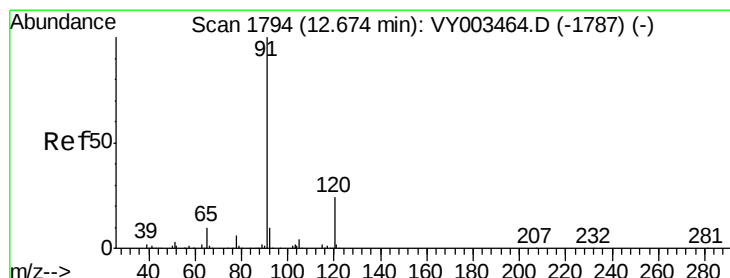
Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V



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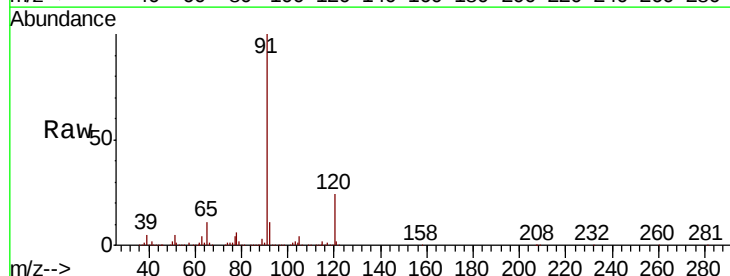
11/6/2020 9:27:11 AM

Time--> 12.50 12.60

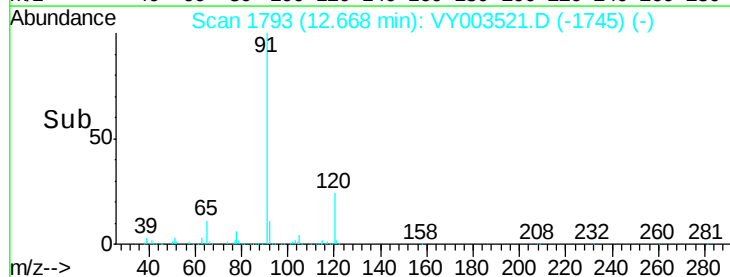
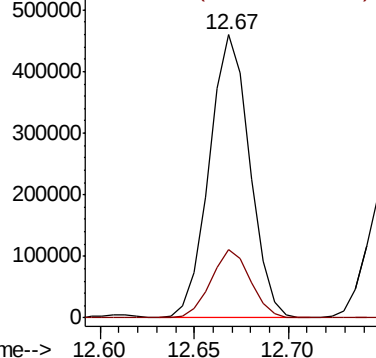


#78
n-propylbenzene
Concen: 50.769 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

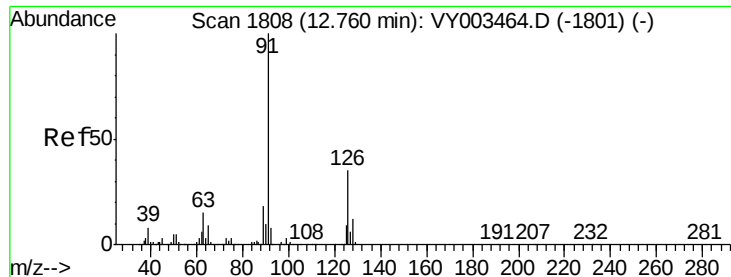
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.6	11.7	35.1	



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V



Time--> 12.60 12.65 12.70

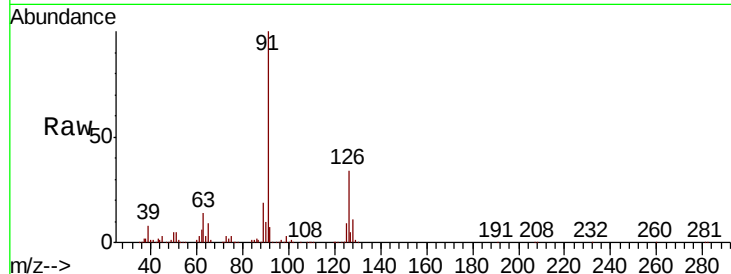


#79
2-Chlorotoluene
Concen: 50.433 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

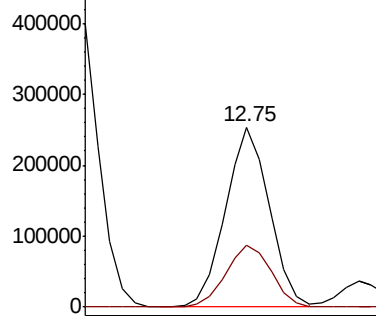
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 379681
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3

Manual Integrations
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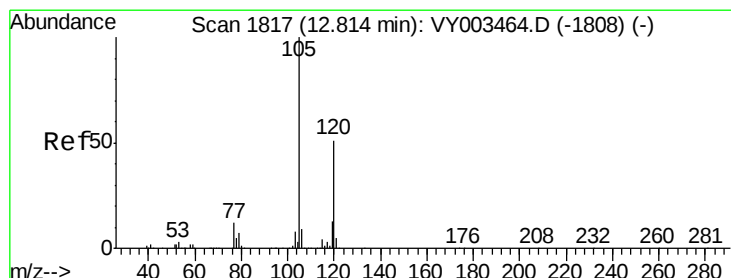
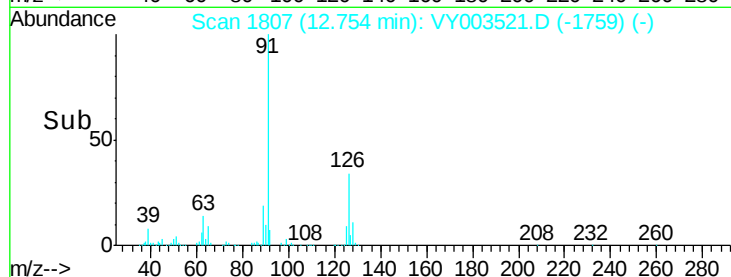


Abundance Ion 91.00 (90.70 to 91.70): VY003521.D (-1759) (-)
Ion 125.90 (125.60 to 126.60): VY003521.D (-1759) (-)



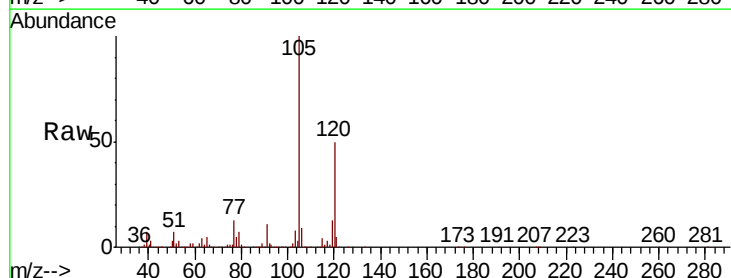
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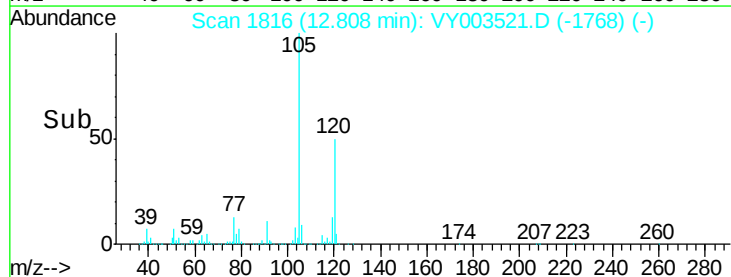
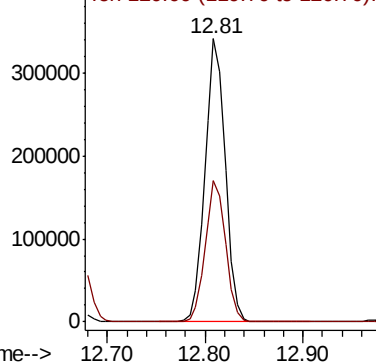


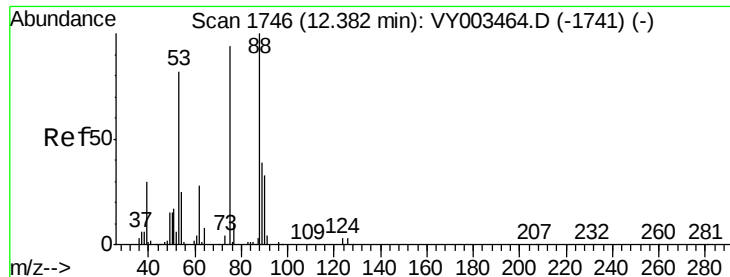
#80
1,3,5-Trimethylbenzene
Concen: 51.385 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion: 105 Resp: 487054
Ion Ratio Lower Upper
105 100
120 50.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY003521.D (-1768) (-)
Ion 120.00 (119.70 to 120.70): VY003521.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.405 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 36759

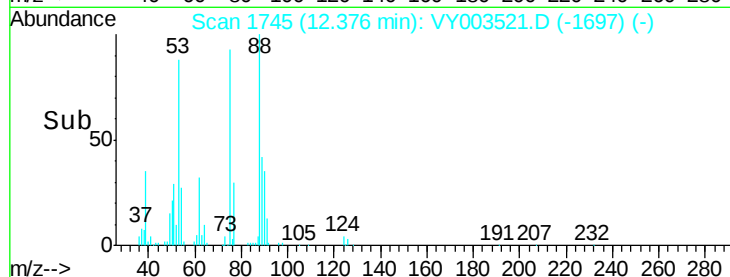
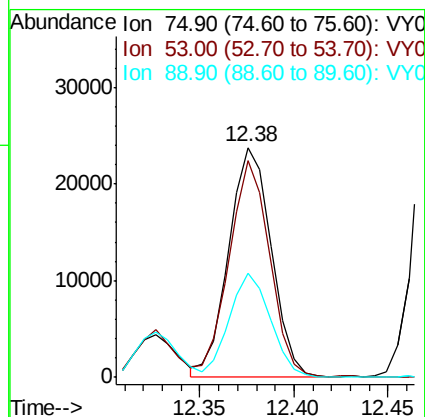
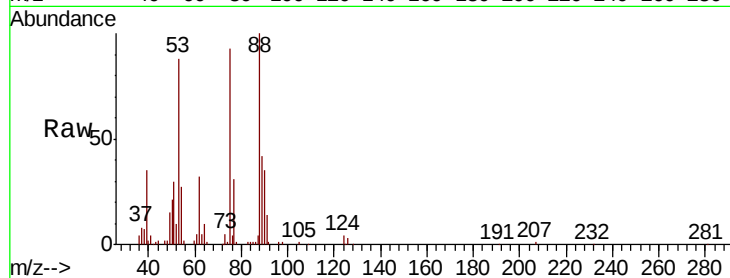
Ion Ratio Lower Upper

75 100

53 91.9 74.7 112.1

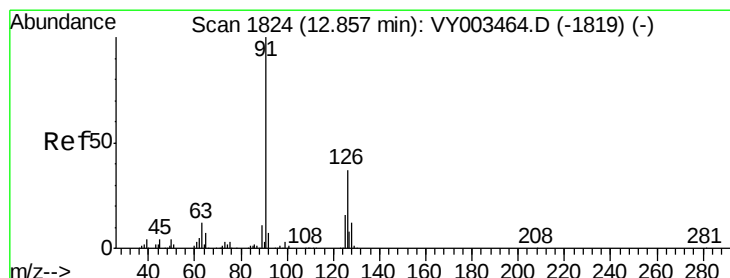
89 44.4 35.8 53.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.361 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY003521.D

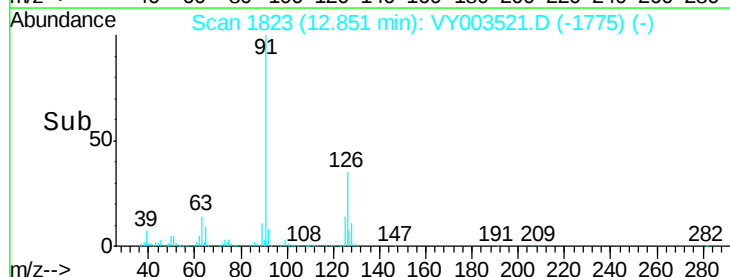
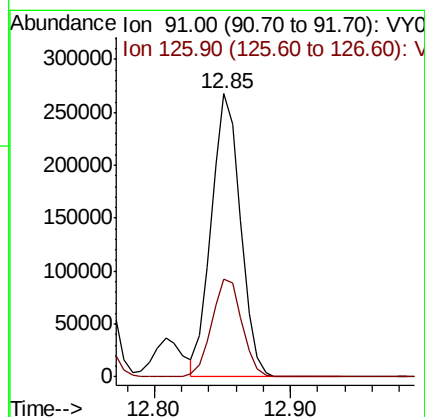
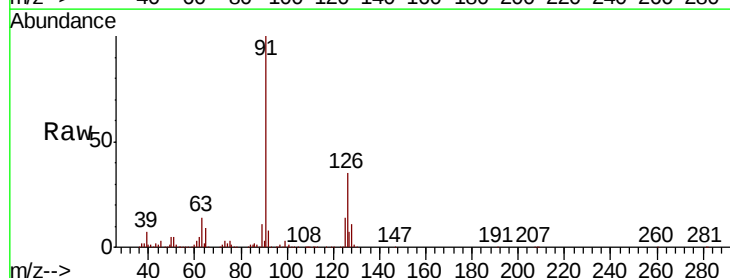
Acq: 05 Nov 2020 16:06

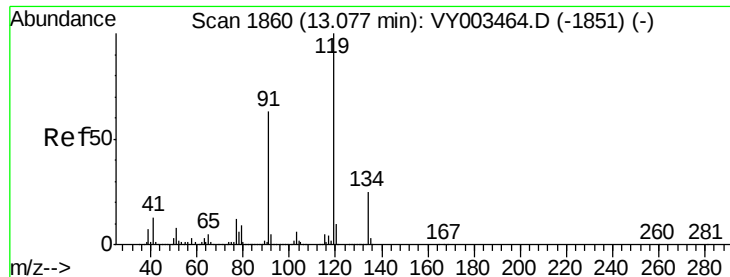
Tgt Ion: 91 Resp: 396209

Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8



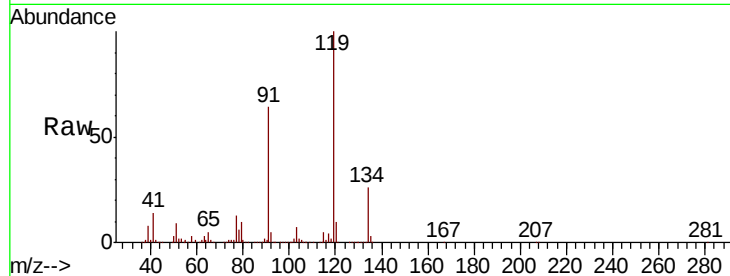


#83
tert-Butylbenzene
Concen: 49.914 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

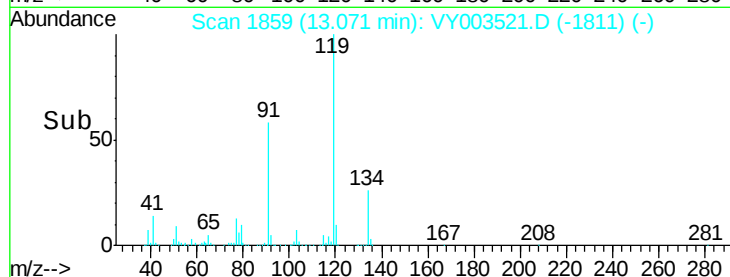
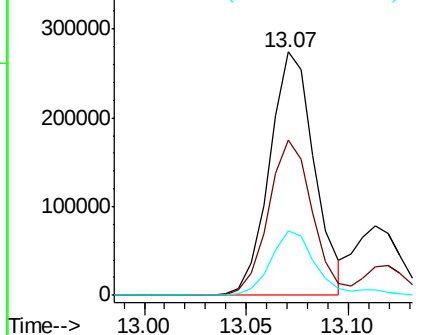
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	31.1	93.2
134	27.5	13.4	40.1

Manual Integrations
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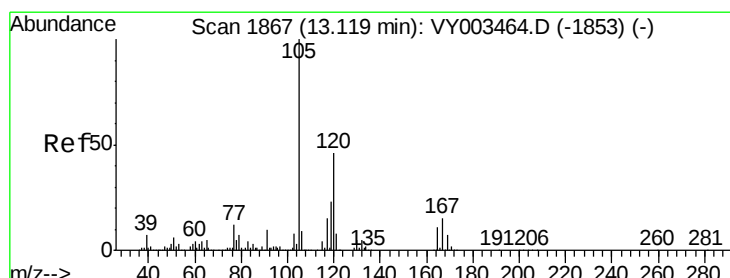


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V



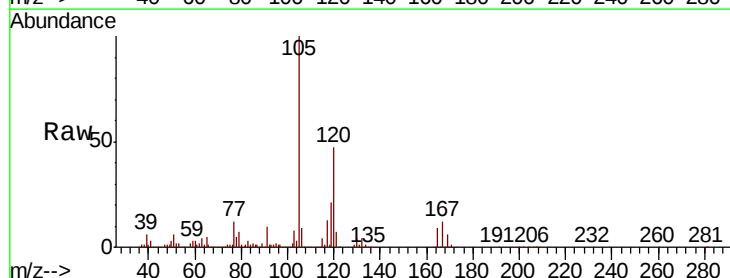
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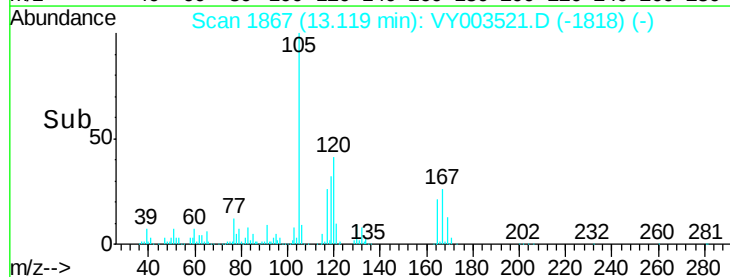
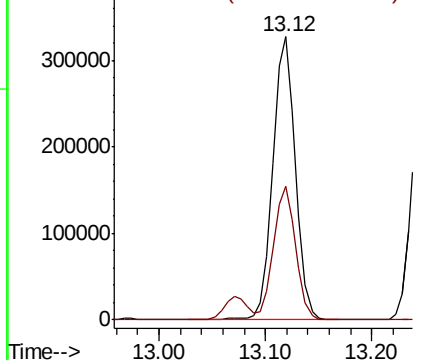


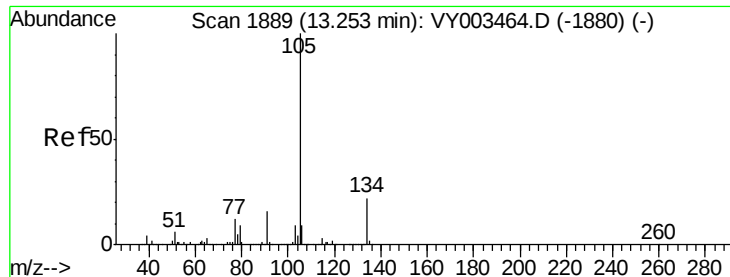
#84
1,2,4-Trimethylbenzene
Concen: 51.122 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.397 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050EC

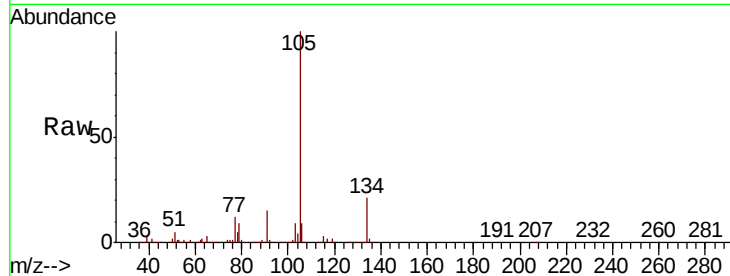
Tot Ion:105 Resp: 585029

Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

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

Ion 134.00 (133.70 to 134.70): V

13.25

400000

300000

200000

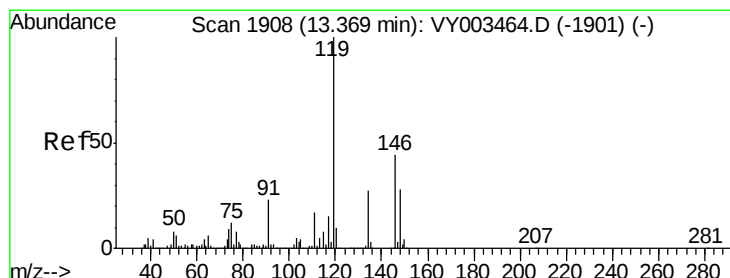
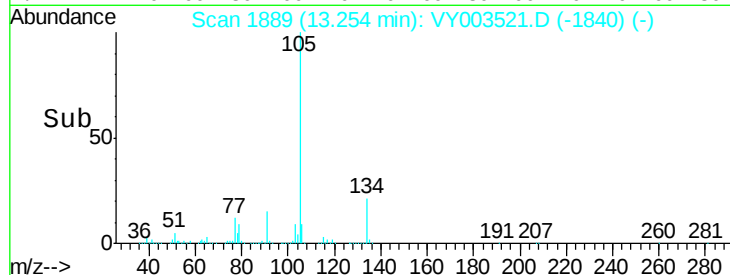
100000

0

Time--> 13.15 13.20 13.25 13.30

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#86

p-Isopropyltoluene

Concen: 51.672 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

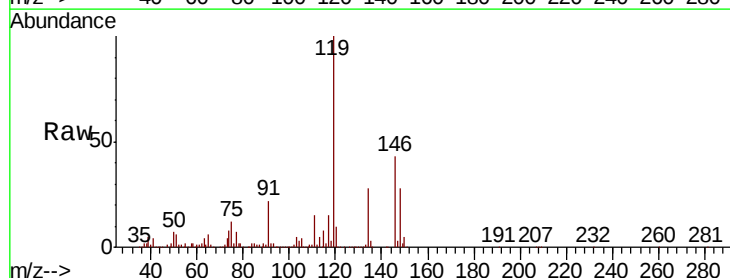
Tgt Ion:119 Resp: 545463

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 22.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

500000

400000

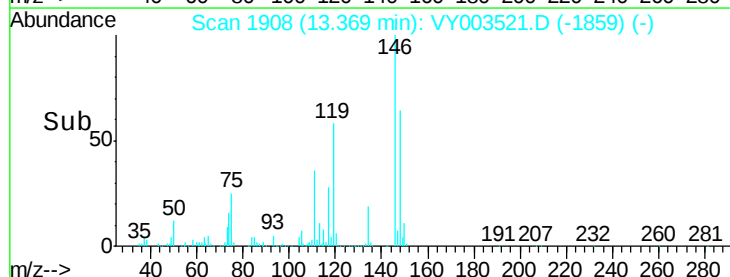
300000

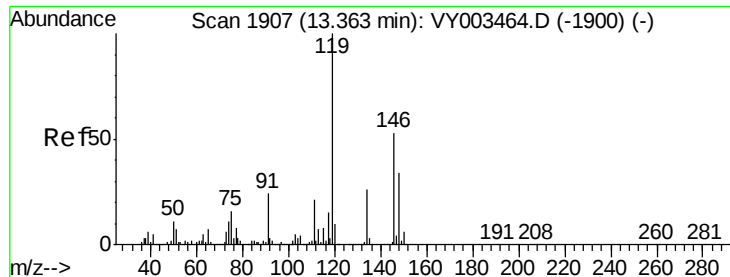
200000

100000

0

Time--> 13.30 13.35 13.40





#87

1,3-Dichlorobenzene

Concen: 50.918 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003521.D

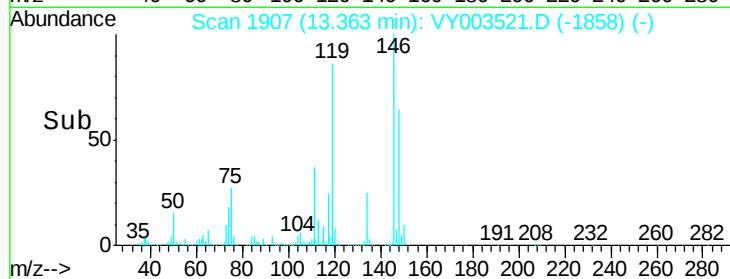
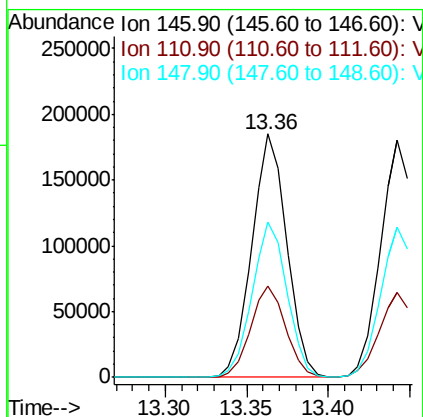
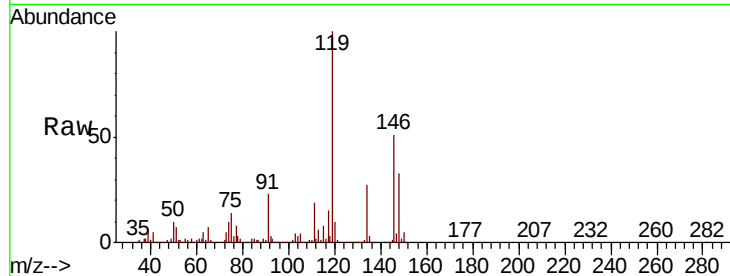
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050EC

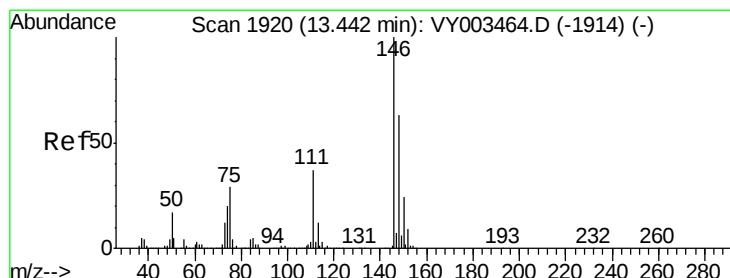
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	63.6	32.4	97.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.520 ug/l

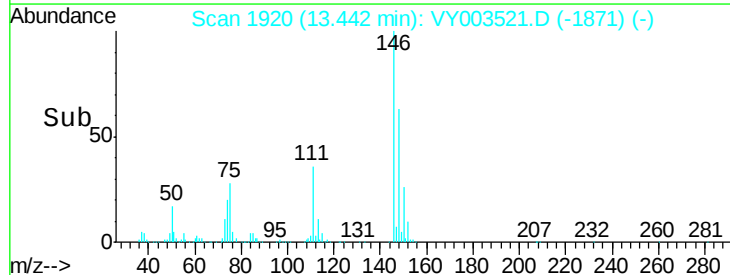
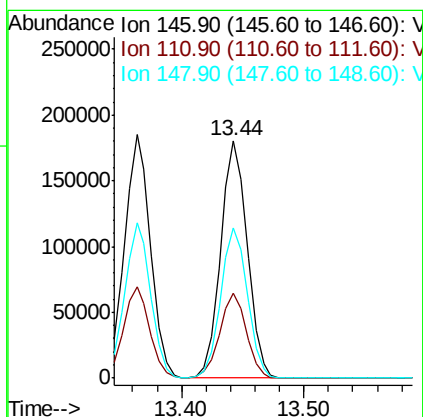
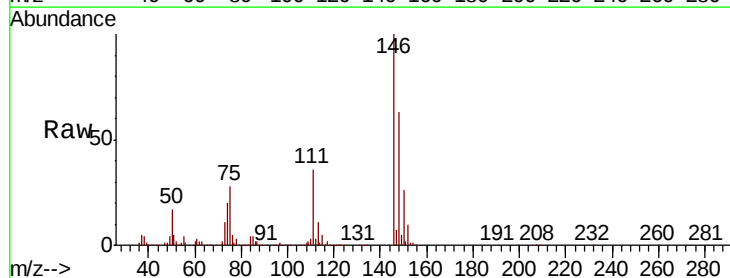
RT: 13.44 min Scan# 1920

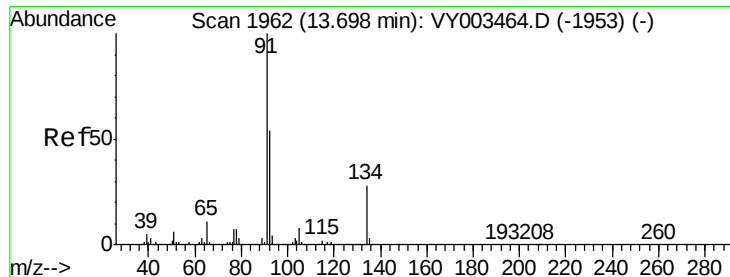
Delta R.T. 0.00 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.3	54.8
148	63.6	32.0	96.0





#89

n-Butylbenzene

Concen: 51.834 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.01 min

Lab File: VY003521.D

Acq: 05 Nov 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 499778

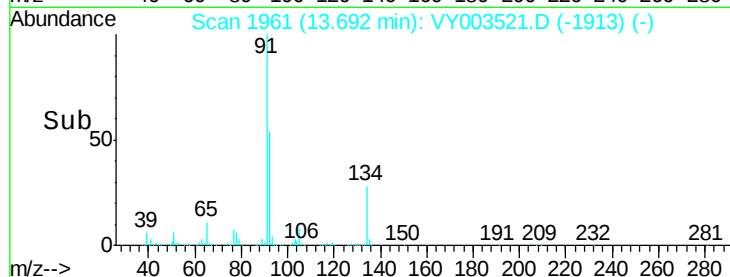
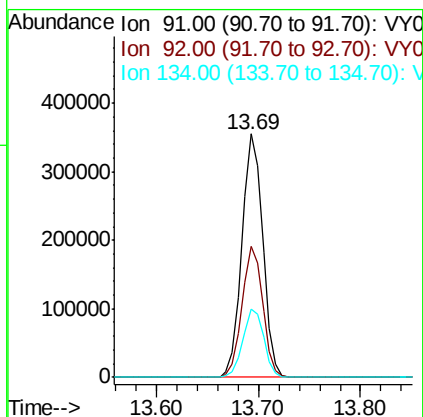
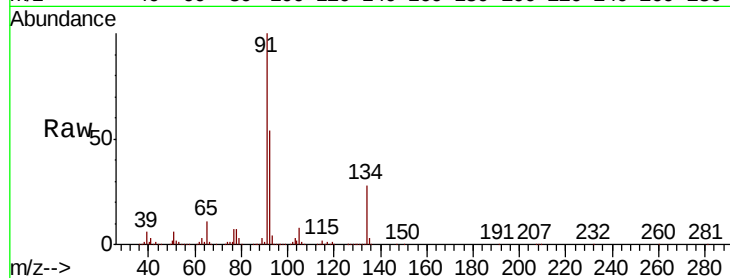
Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.1

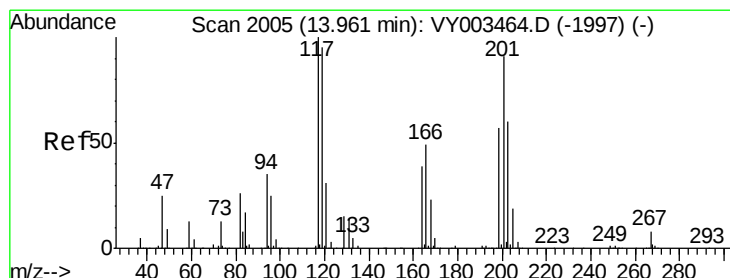
134 28.1 13.8 41.3

Manual Integrations
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11/6/2020 9:27:11 AM



#90

Hexachloroethane

Concen: 51.081 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003521.D

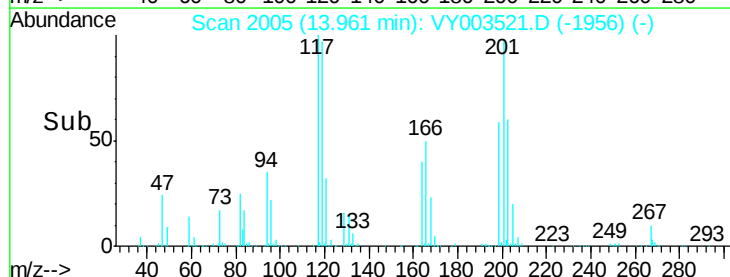
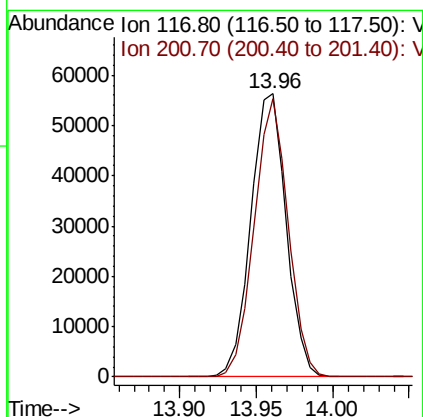
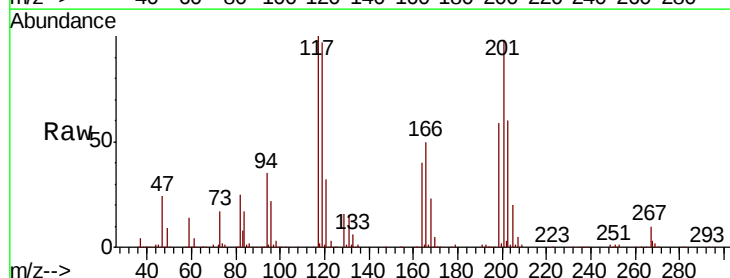
Acq: 05 Nov 2020 16:06

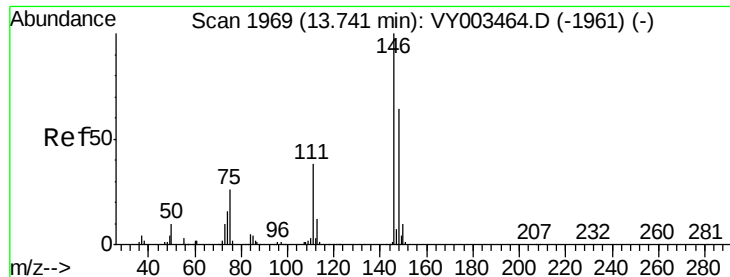
Tgt Ion: 117 Resp: 90750

Ion Ratio Lower Upper

117 100

201 94.3 46.6 139.8



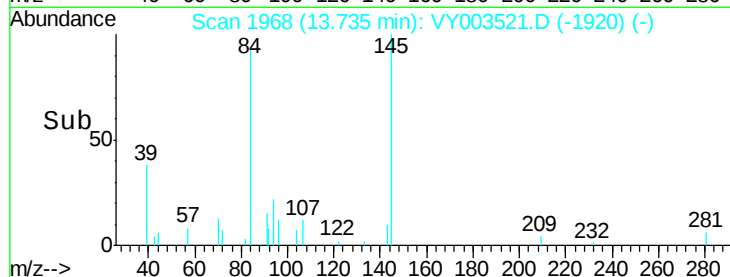
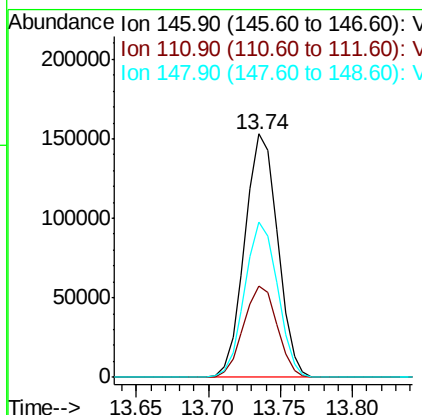
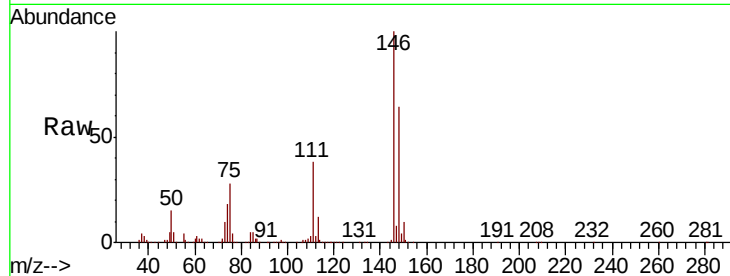


#91
 1,2-Dichlorobenzene
 Concen: 50.326 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050EC

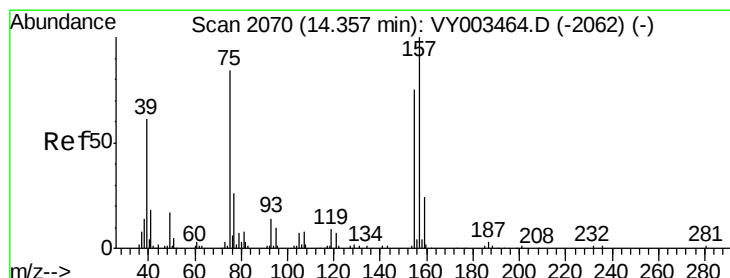
Tot Ion:	146	Resp:	242068
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.3	57.8
148	63.9	32.3	96.8

Manual Integrations
 APPROVED



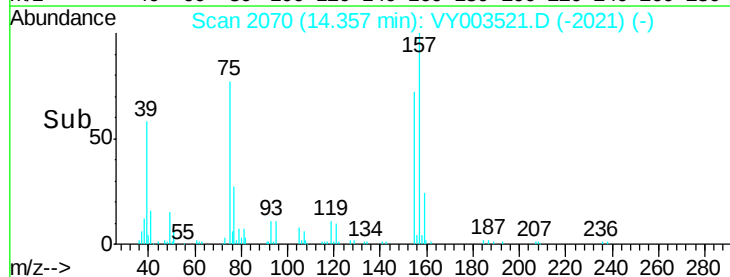
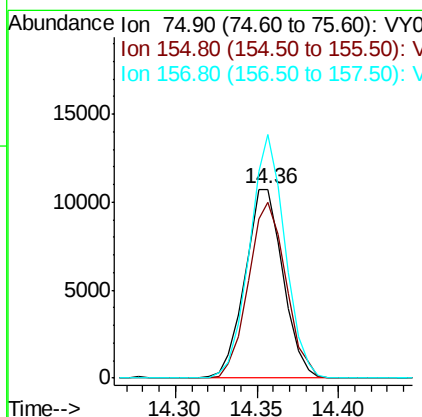
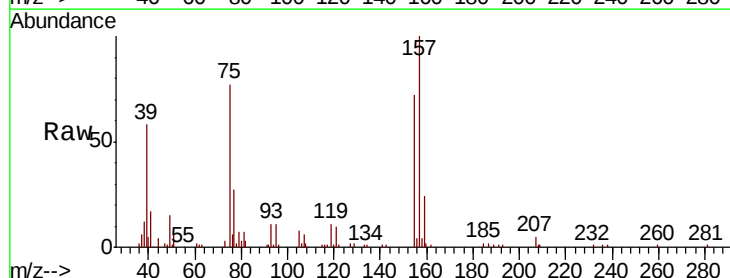
MMDadoda

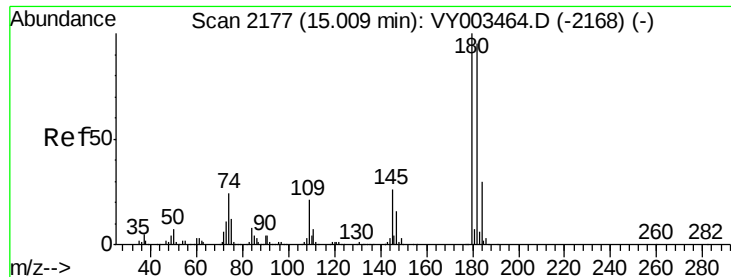
11/6/2020 9:27:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.418 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion:	75	Resp:	17436
Ion Ratio	Lower	Upper	
75	100		
155	91.7	45.6	136.7
157	120.0	60.3	180.8



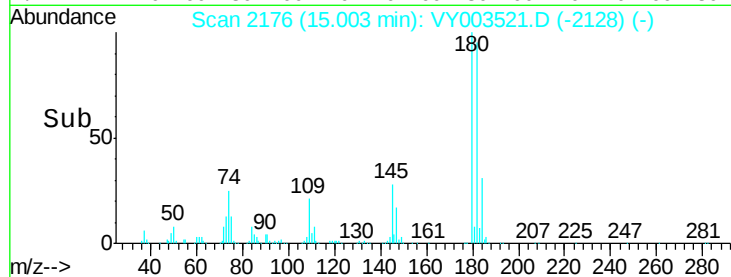
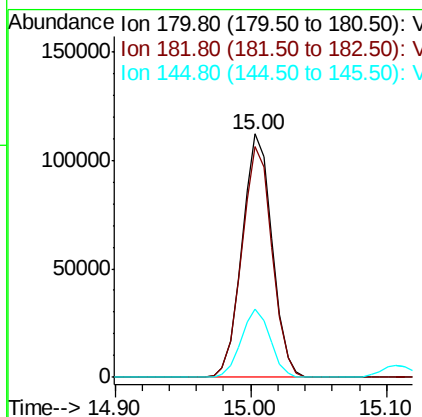
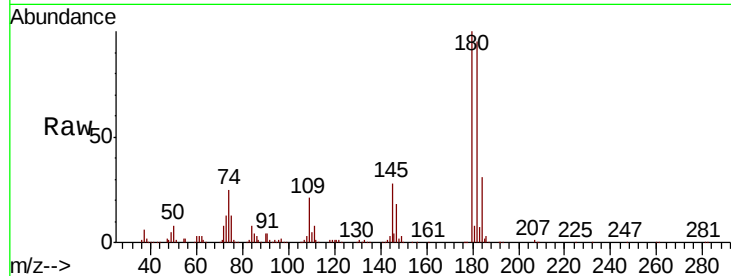


#93
 1,2,4-Trichlorobenzene
 Concen: 50.714 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

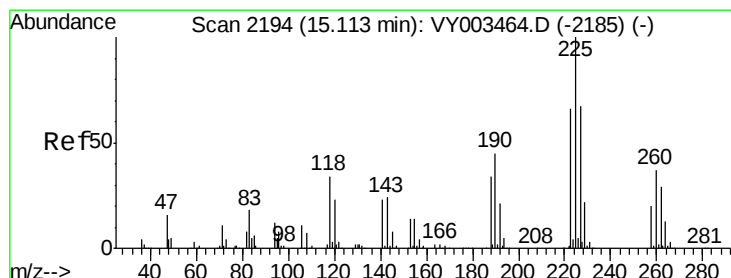
Tot Ion:	180	Resp:	172545
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.1	144.3
145	27.4	13.8	41.3

Manual Integrations
 APPROVED



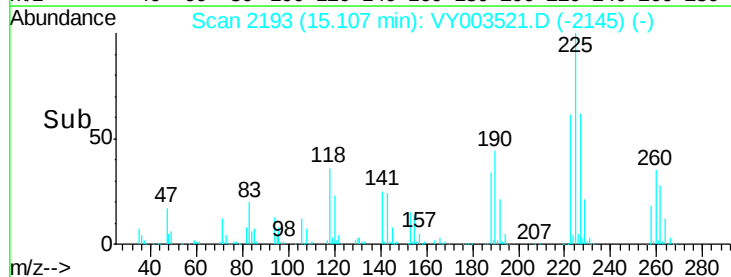
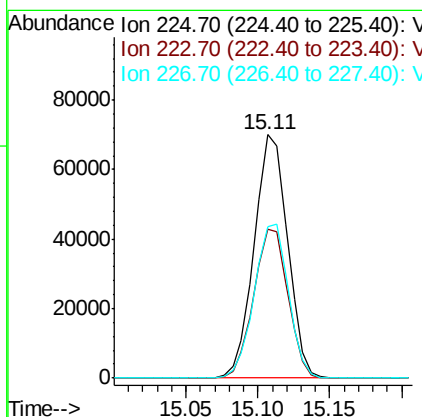
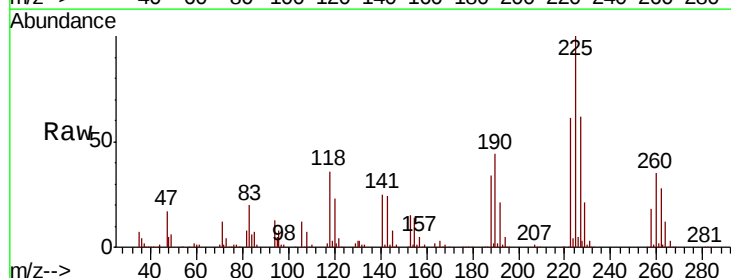
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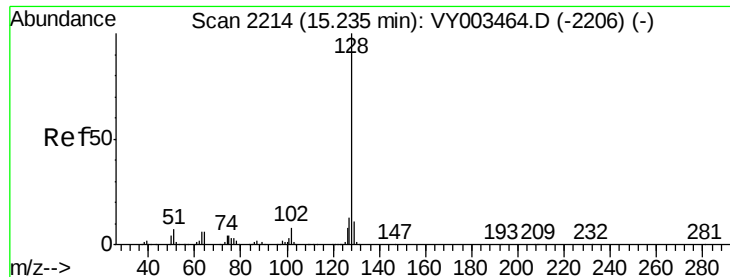
11/6/2020 9:27:11 AM



#94
 Hexachlorobutadiene
 Concen: 51.428 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003521.D
 Acq: 05 Nov 2020 16:06

Tgt Ion:	225	Resp:	112561
Ion Ratio	Lower	Upper	
225	100		
223	62.6	32.1	96.3
227	64.4	32.4	97.2



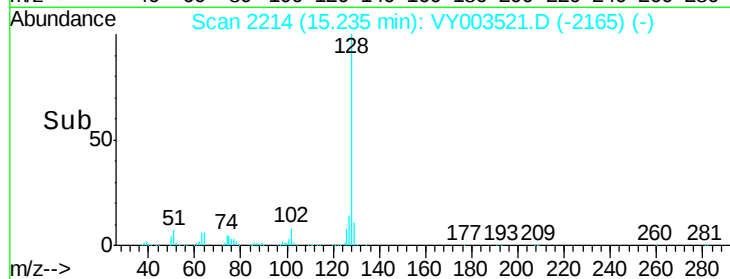
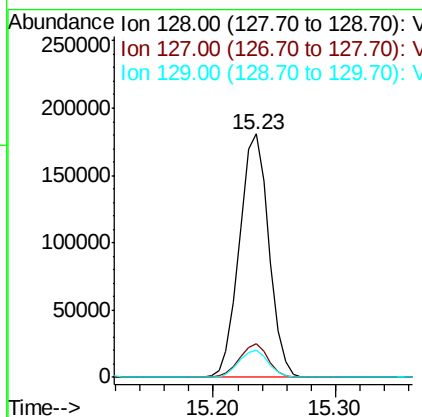
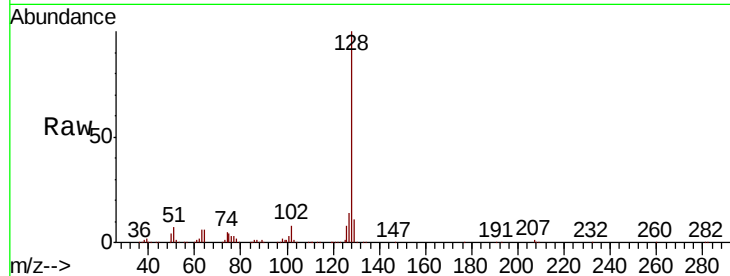


#95
Naphthalene
Concen: 44.253 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

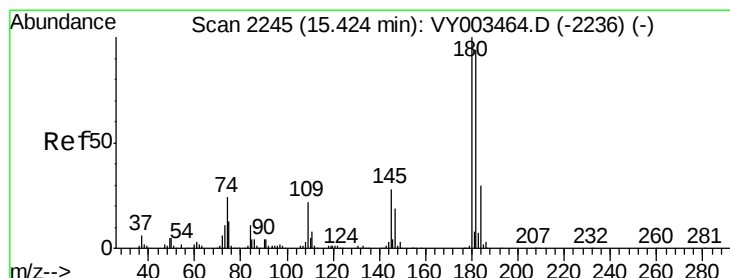
Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
127	13.4	10.5	15.7		
129	11.1	8.6	13.0		

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.645 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003521.D
Acq: 05 Nov 2020 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	96.0	46.9	140.7		
145	28.6	14.4	43.2		

