

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003456.D
 Acq On : 05 Oct 2020 16:12
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:55:40 PM

Quant Time: Oct 06 04:12:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:02:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	486039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	684300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	657375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	372599	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	254088	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
35) Dibromofluoromethane	7.72	113	216660	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
50) Toluene-d8	10.18	98	897594	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
62) 4-Bromofluorobenzene	12.48	95	314715	57.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	176215	44.950	ug/l	100
3) Chloromethane	2.12	50	243050	45.006	ug/l	100
4) Vinyl Chloride	2.26	62	266373	48.814	ug/l	100
5) Bromomethane	2.65	94	249237	58.865	ug/l	100
6) Chloroethane	2.80	64	168539	49.237	ug/l	100
7) Trichlorofluoromethane	3.13	101	339550	46.644	ug/l	100
8) Diethyl Ether	3.54	74	112515	44.714	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	189611	44.078	ug/l	100
10) Methyl Iodide	4.10	142	122694	26.591	ug/l	100
11) Tert butyl alcohol	4.97	59	105188	211.817	ug/l	100
12) 1,1-Dichloroethene	3.88	96	188025	44.993	ug/l	100
13) Acrolein	3.74	56	110638	228.556	ug/l	100
14) Allyl chloride	4.49	41	339782	47.890	ug/l	100
15) Acrylonitrile	5.18	53	269380	216.210	ug/l	100
16) Acetone	3.95	43	302231	262.687	ug/l	100
17) Carbon Disulfide	4.20	76	614922	45.062	ug/l	100
18) Methyl Acetate	4.49	43	138129	45.954	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	502374	43.576	ug/l	100
20) Methylene Chloride	4.72	84	223985	29.375	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	218135	45.787	ug/l	100
22) Diisopropyl ether	6.13	45	639027	43.645	ug/l	100
23) Vinyl Acetate	6.07	43	2361272	242.089	ug/l	100
24) 1,1-Dichloroethane	6.02	63	388520	46.732	ug/l	100
25) 2-Butanone	6.99	43	424714	244.788	ug/l	100
26) 2,2-Dichloropropane	6.99	77	348491	46.922	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	245016	46.762	ug/l	100
28) Bromochloromethane	7.34	49	194085	56.976	ug/l	100
29) Tetrahydrofuran	7.35	42	246400	221.624	ug/l	100
30) Chloroform	7.51	83	398501	48.130	ug/l	100
31) Cyclohexane	7.79	56	330513	41.522	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	365341	48.304	ug/l	100
36) 1,1-Dichloropropene	7.92	75	314466	48.991	ug/l	100
37) Ethyl Acetate	7.08	43	184307	50.032	ug/l	100
38) Carbon Tetrachloride	7.91	117	331640	50.041	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	357788	46.253	ug/l	100
40) Benzene	8.16	78	894303	49.955	ug/l	100
41) Methacrylonitrile	7.32	41	98947m	48.143	ug/l	
42) 1,2-Dichloroethane	8.24	62	283437	51.547	ug/l	100
43) Isopropyl Acetate	8.28	43	351458	50.484	ug/l	100
44) Trichloroethene	8.94	130	261677	50.726	ug/l	100
45) 1,2-Dichloropropane	9.22	63	227864	48.855	ug/l	100
46) Dibromomethane	9.31	93	127986	48.691	ug/l	100
47) Bromodichloromethane	9.50	83	312141	49.394	ug/l	100
48) Methyl methacrylate	9.30	41	169095	53.290	ug/l	100
49) 1,4-Dioxane	9.30	88	30875	920.071	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	942346	257.355	ug/l	100
52) Toluene	10.24	92	579815	51.455	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	344316	50.982	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	382728	50.220	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	183338	49.781	ug/l	100
56) Ethyl methacrylate	10.51	69	254592	49.967	ug/l	100
57) 1,3-Dichloropropane	10.79	76	320456	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	624609	258.646	ug/l	100
59) 2-Hexanone	10.83	43	669025	261.695	ug/l	100
60) Dibromochloromethane	10.99	129	235015	50.679	ug/l	100
61) 1,2-Dibromoethane	11.09	107	177160	49.504	ug/l	100
64) Tetrachloroethene	10.72	164	287376	51.978	ug/l	100
65) Chlorobenzene	11.52	112	636528	49.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	247398	49.596	ug/l	100
67) Ethyl Benzene	11.59	91	1161203	50.217	ug/l	100
68) m/p-Xylenes	11.70	106	882032	100.953	ug/l	100
69) o-Xylene	12.03	106	416528	50.980	ug/l	100
70) Styrene	12.04	104	724957	51.776	ug/l	100
71) Bromoform	12.20	173	163417	50.248	ug/l	100
73) Isopropylbenzene	12.33	105	1154941	48.520	ug/l	100
74) N-amyl acetate	12.14	43	330105	47.204	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	215711	45.955	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	157417m	47.443	ug/l	
77) Bromobenzene	12.61	156	298252	49.087	ug/l	100
78) n-propylbenzene	12.67	91	1371235	48.262	ug/l	100
79) 2-Chlorotoluene	12.75	91	765983	48.412	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	998076	49.727	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	83265	47.475	ug/l	100
82) 4-Chlorotoluene	12.85	91	804182	48.884	ug/l	100
83) tert-Butylbenzene	13.07	119	856262	49.228	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1002888	49.780	ug/l	100
85) sec-Butylbenzene	13.25	105	1201367	49.677	ug/l	100
86) p-Isopropyltoluene	13.37	119	1152240	50.742	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	581852	50.010	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	569037	49.677	ug/l	100
89) n-Butylbenzene	13.69	91	1042044	48.933	ug/l	100
90) Hexachloroethane	13.96	117	178896	42.449	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	519491	50.508	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	39893	51.413	ug/l	100

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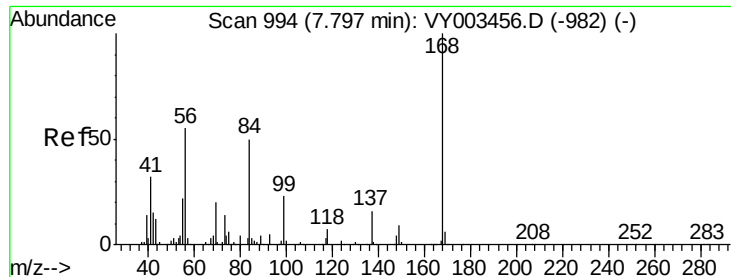
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	383555	52.292	ug/l	100
94) Hexachlorobutadiene	15.11	225	248356	51.335	ug/l	100
95) Naphthalene	15.23	128	685857	54.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	333394	55.580	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 486039

Ion Ratio Lower Upper

168 100

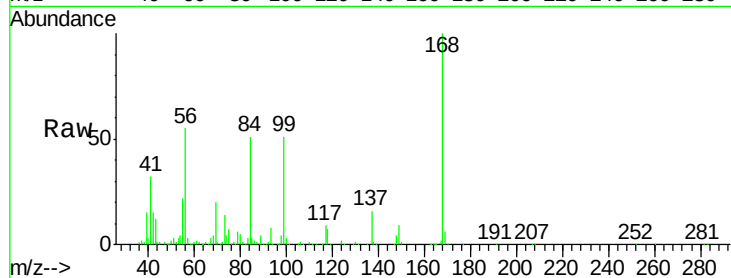
99 50.5 40.4 60.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003456.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VY003456.D (-982) (-)

7.80

250000

200000

150000

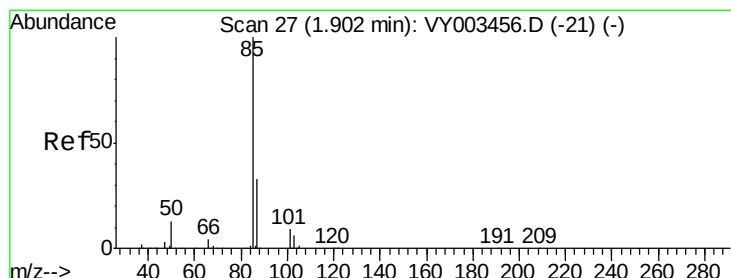
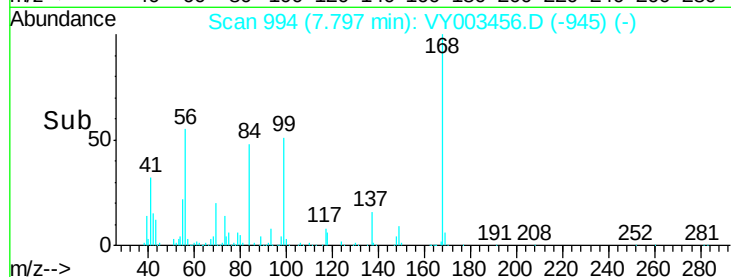
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 44.950 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003456.D

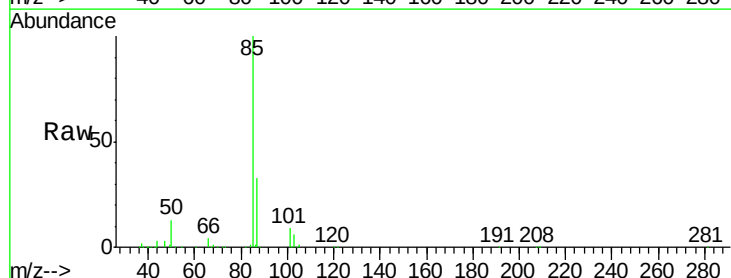
Acq: 05 Oct 2020 16:12

Tgt Ion: 85 Resp: 176215

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY003456.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003456.D (-21) (-)

1.90

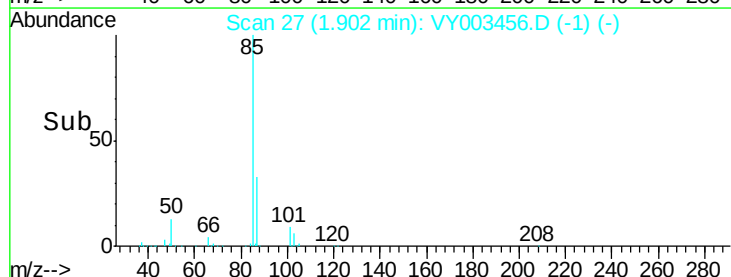
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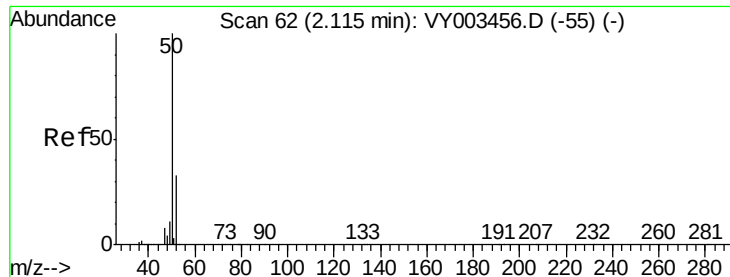
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 45.006 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 243050

Ion Ratio Lower Upper

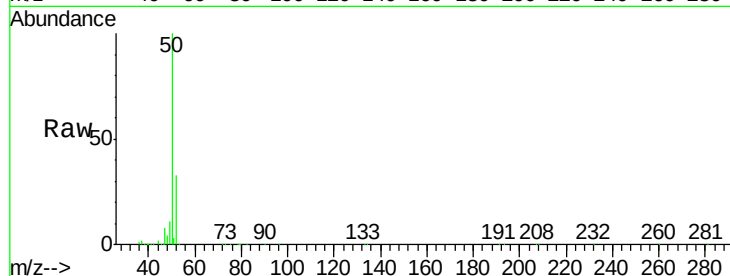
50 100

52 33.0 26.4 39.6

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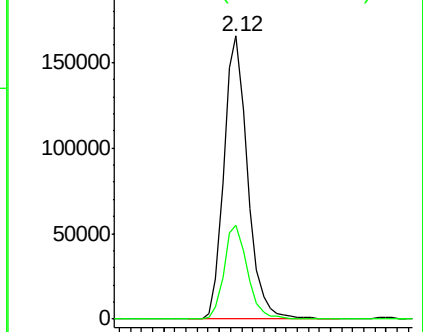
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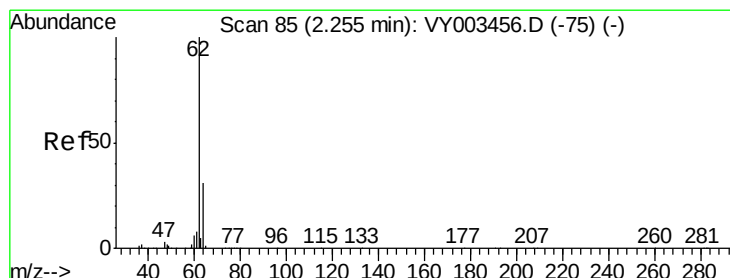
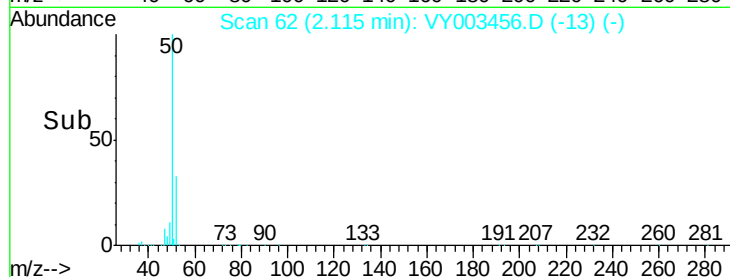


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



Time-->



#4

Vinyl Chloride

Concen: 48.814 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003456.D

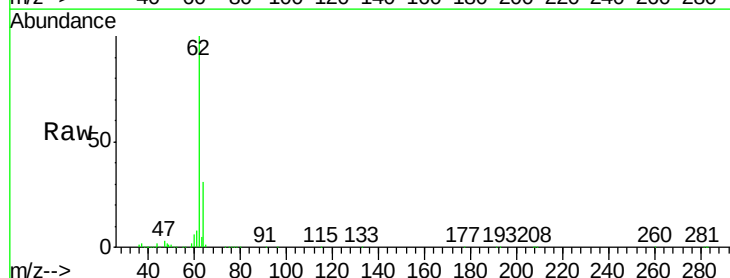
Acq: 05 Oct 2020 16:12

Tgt Ion: 62 Resp: 266373

Ion Ratio Lower Upper

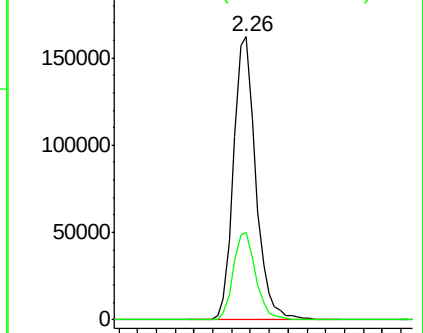
62 100

64 30.7 24.6 36.8

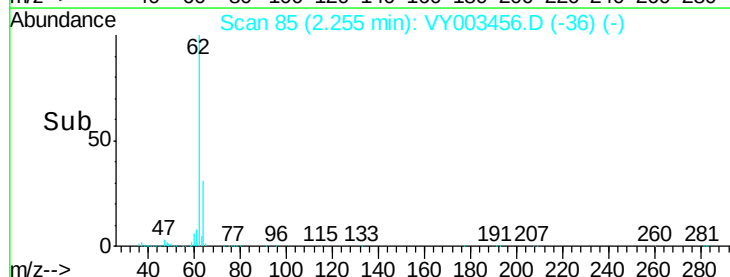


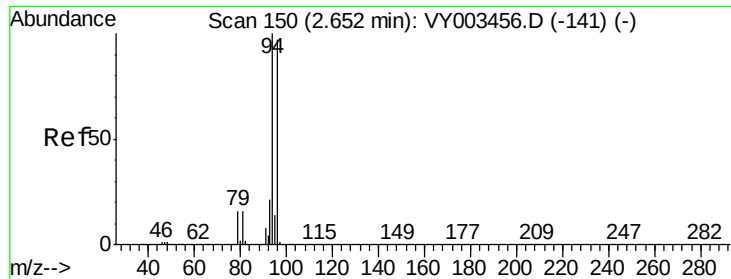
Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0



Time-->





#5

Bromomethane

Concen: 58.865 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 249237

Ion Ratio Lower Upper

94 100

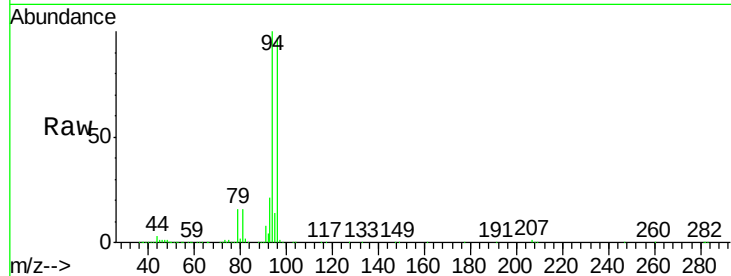
96 96.8 77.4 116.2

Manual Integrations

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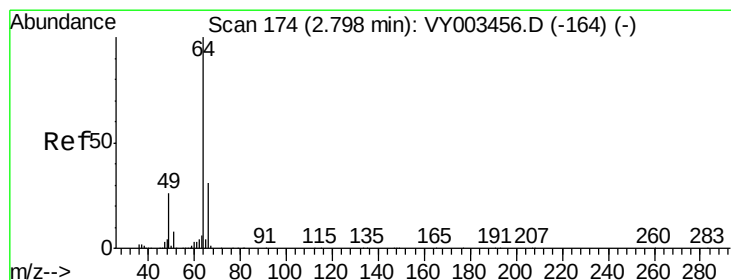
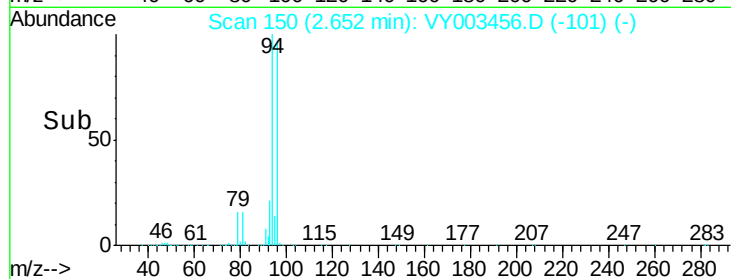
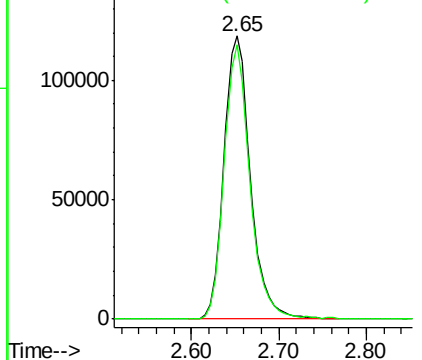
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.237 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003456.D

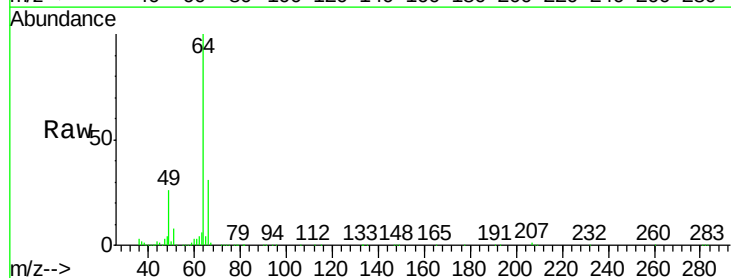
Acq: 05 Oct 2020 16:12

Tgt Ion: 64 Resp: 168539

Ion Ratio Lower Upper

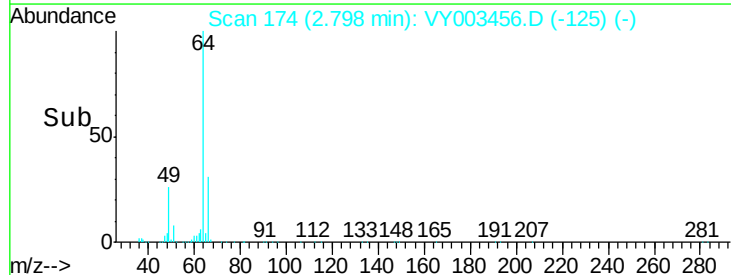
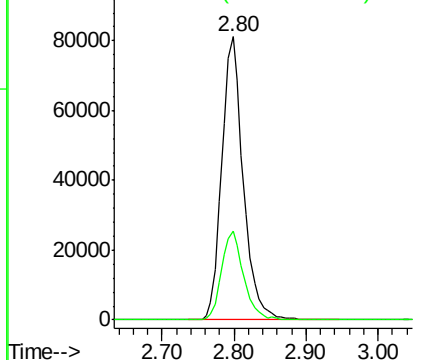
64 100

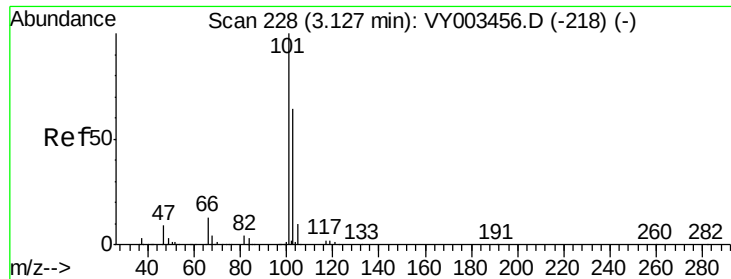
66 31.2 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

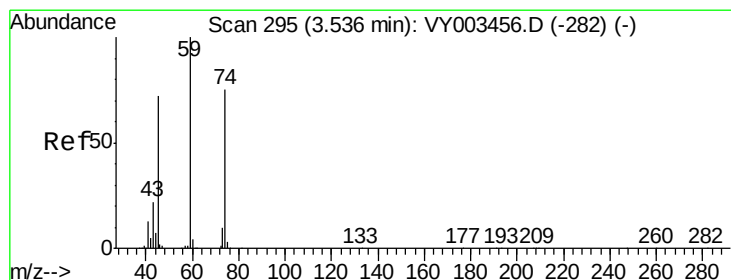
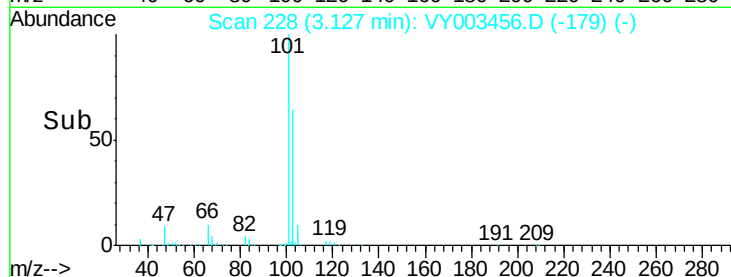
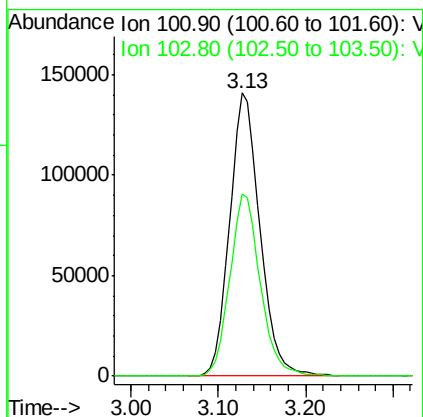
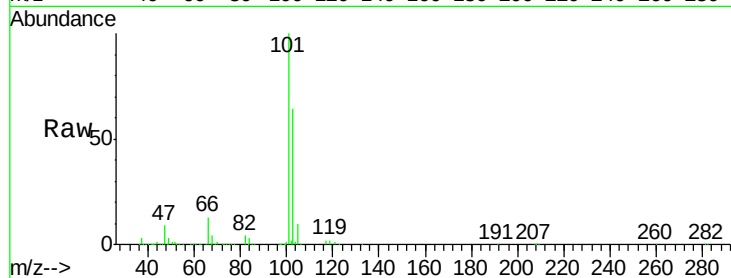
Trichlorofluoromethane
 Concen: 46.644 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		339550		
103	64.5	51.6	77.4		

Manual Integrations
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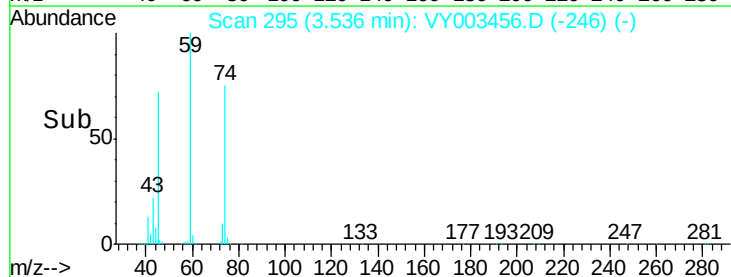
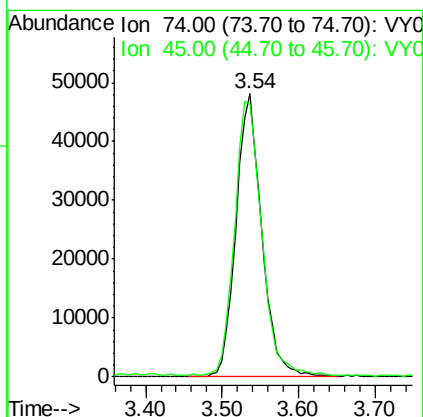
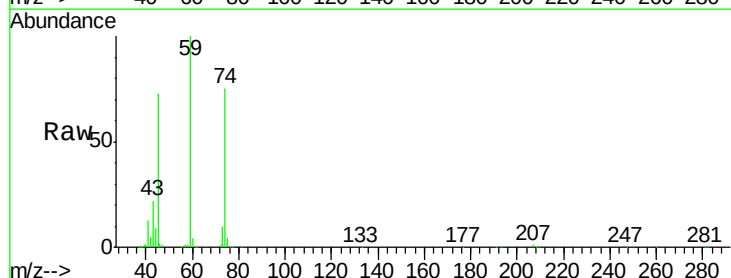
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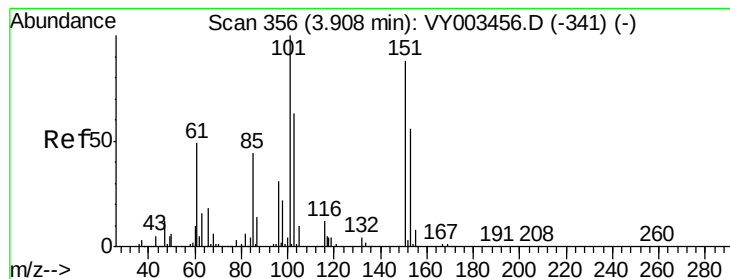


#8

Diethyl Ether
 Concen: 44.714 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		112515		
45	101.9	50.9	152.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.078 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

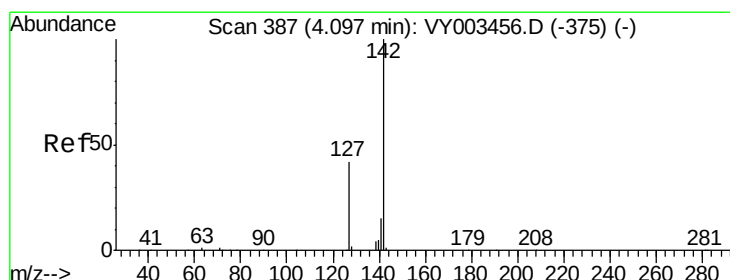
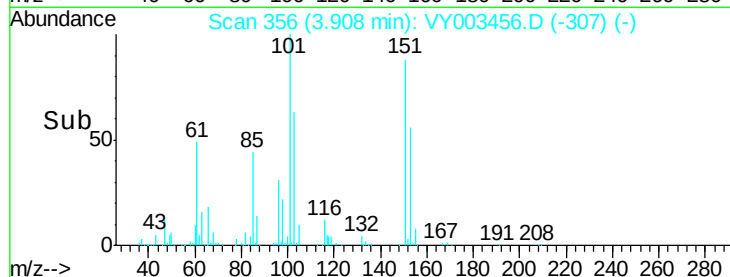
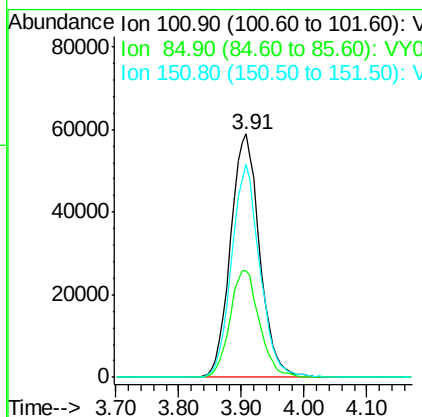
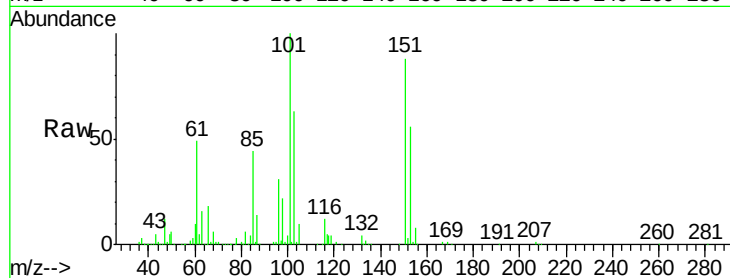
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	189611
Ion Ratio		Lower	Upper
101	100		
85	44.4	35.5	53.3
151	84.9	67.9	101.9

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#10

Methyl Iodide

Concen: 26.591 ug/l

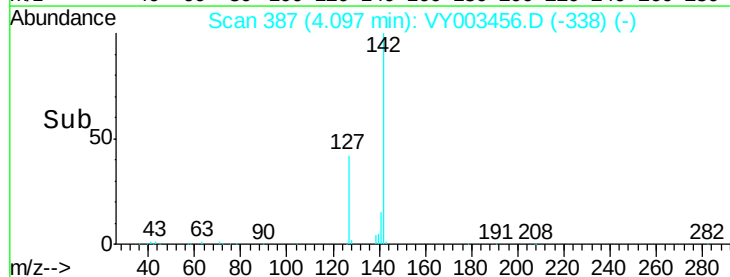
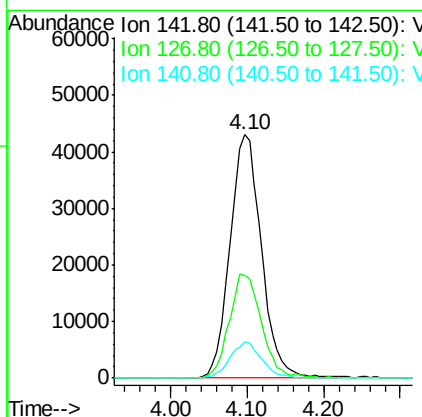
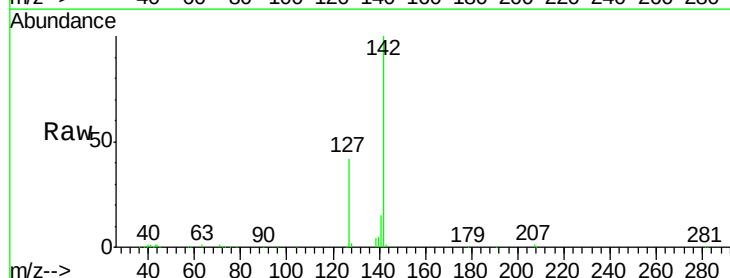
RT: 4.10 min Scan# 387

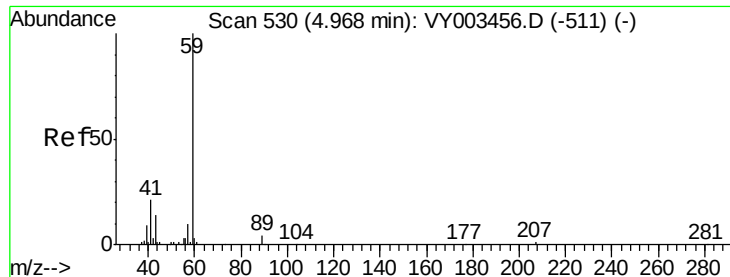
Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Tgt Ion:	142	Resp:	122694
Ion Ratio		Lower	Upper
142	100		
127	43.6	34.9	52.3
141	14.9	11.9	17.9





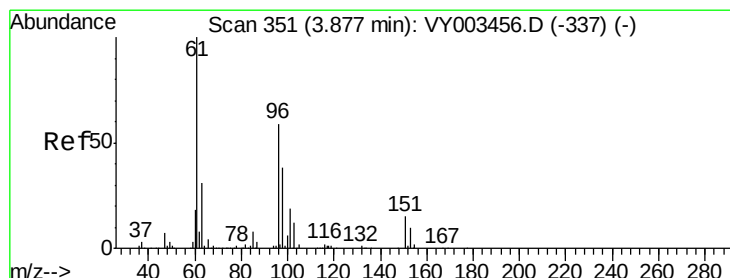
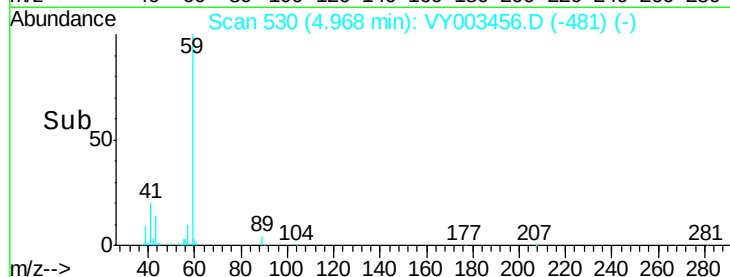
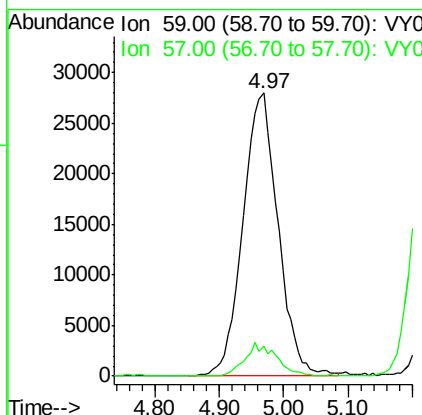
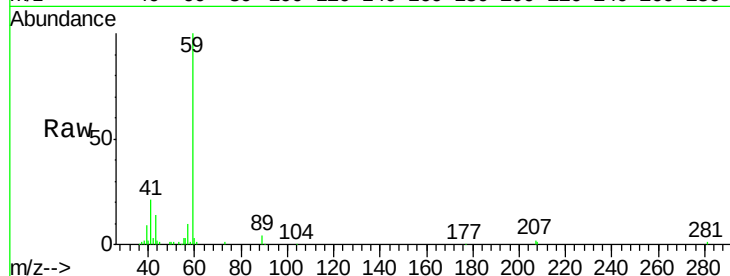
#11
Tert butyl alcohol
Concen: 211.817 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

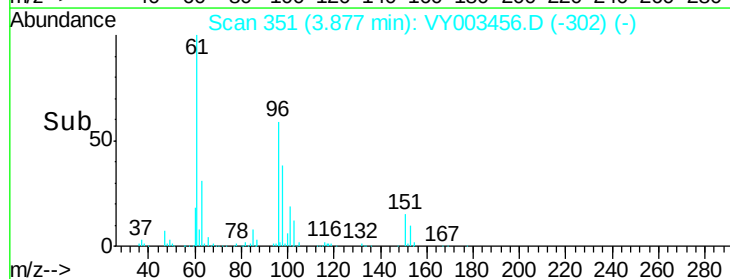
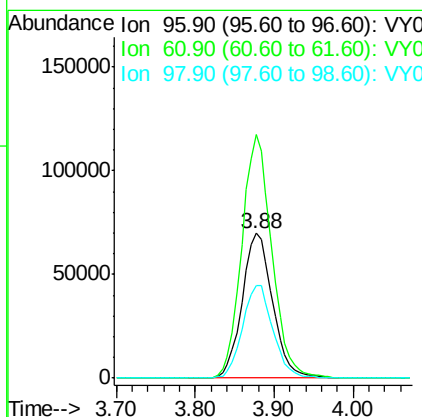
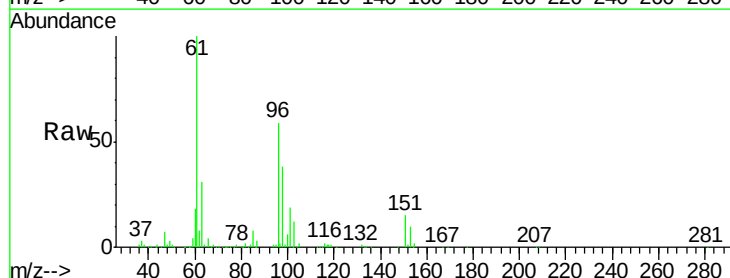
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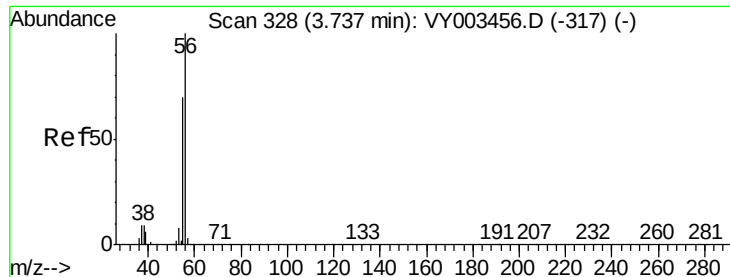
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#12
1,1-Dichloroethene
Concen: 44.993 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.3	134.6	202.0
98	63.9	51.1	76.7





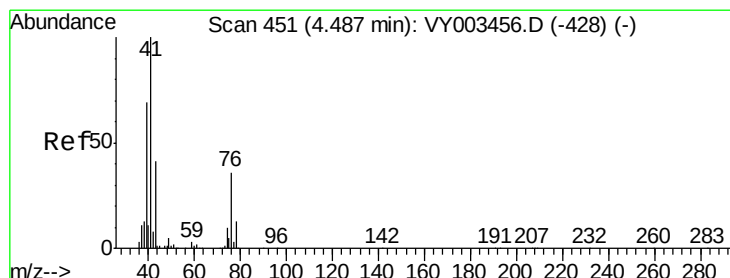
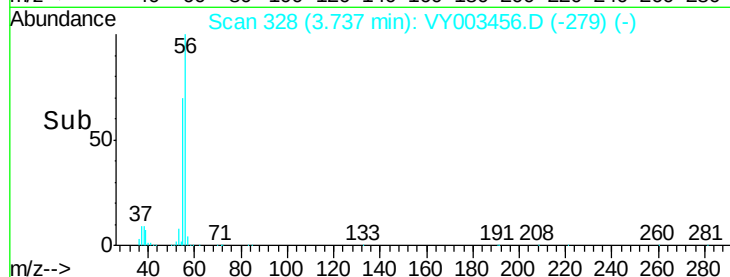
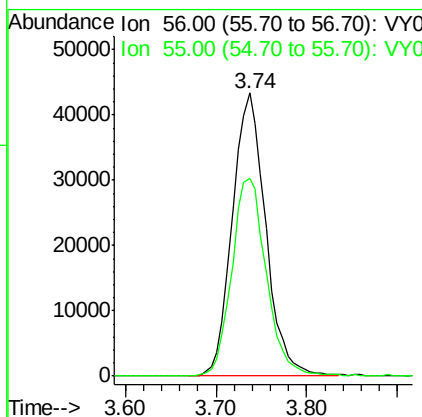
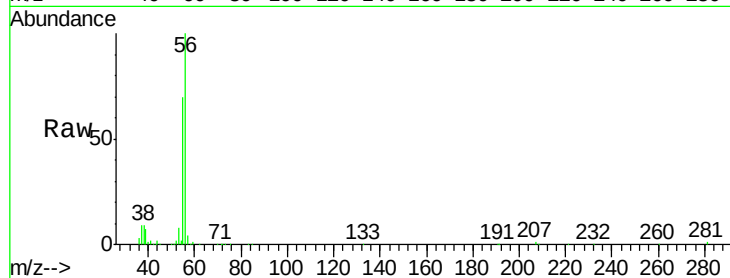
#13
Acrolein
Concen: 228.556 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.4	57.9	86.9

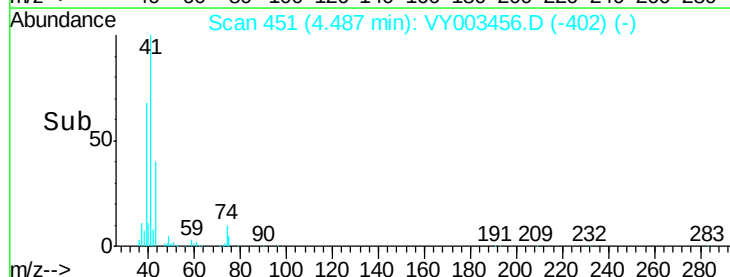
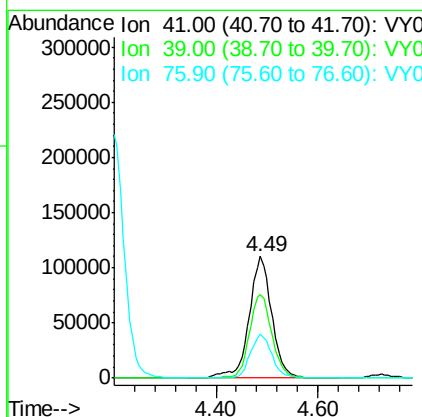
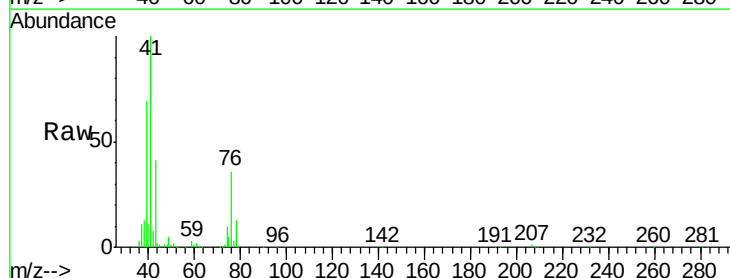
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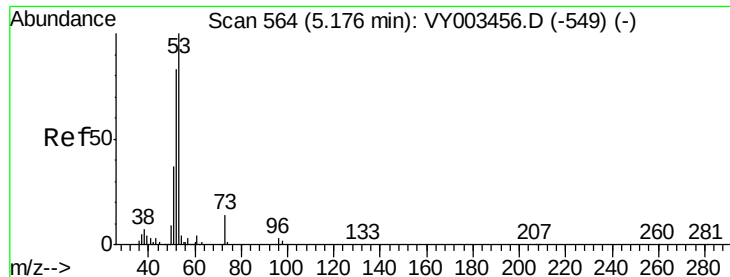
MMDadoda
10/6/2020 12:55:40 PM



#14
Allyl chloride
Concen: 47.890 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.3	54.6	82.0
76	34.4	27.5	41.3





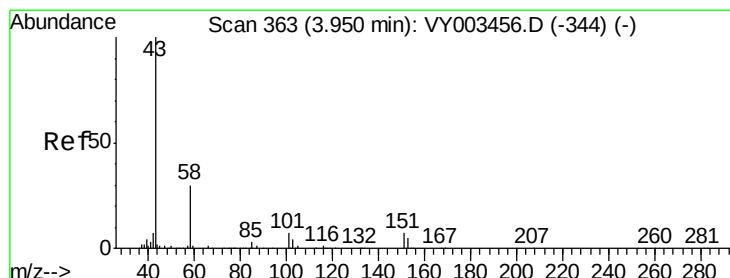
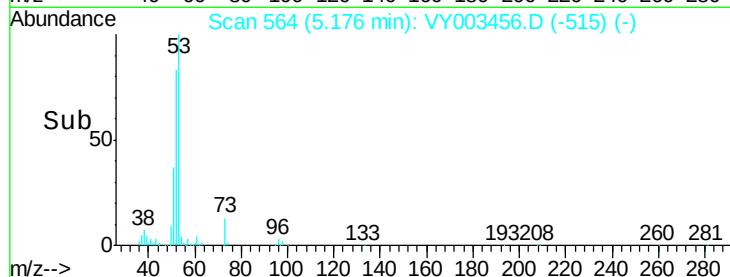
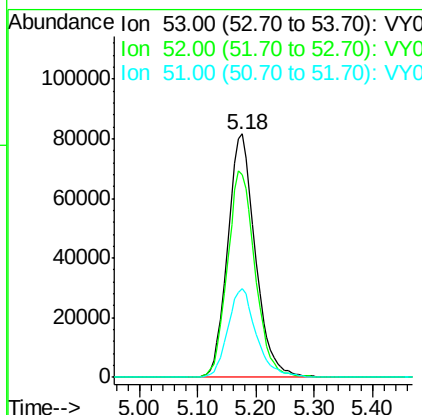
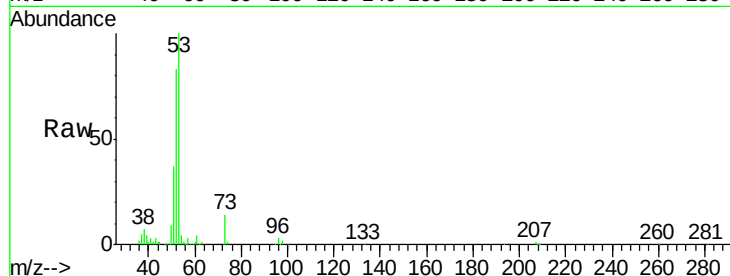
#15
 Acrylonitrile
 Concen: 216.210 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.8	67.8	101.8
51	37.6	30.1	45.1

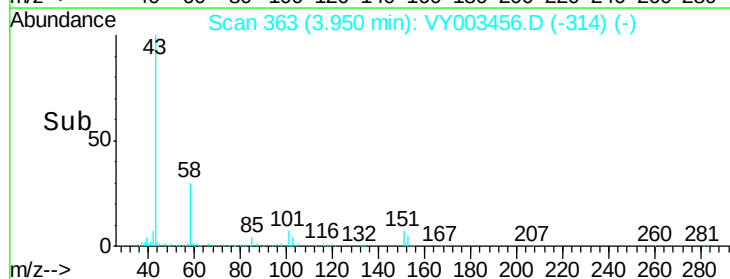
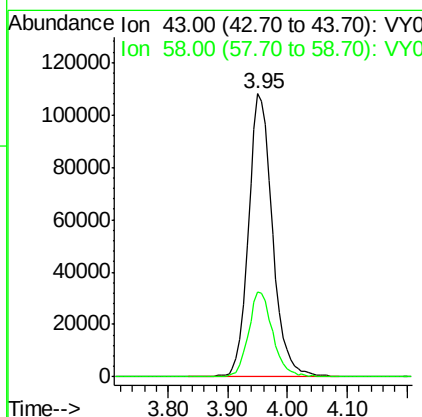
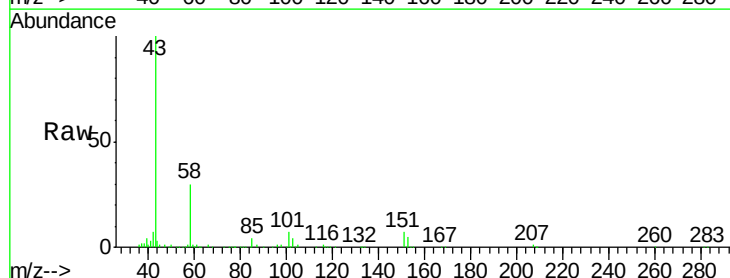
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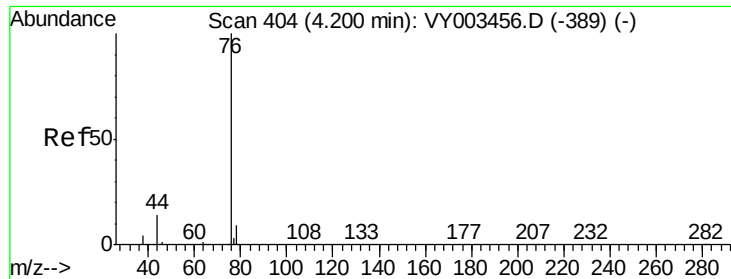
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#16
 Acetone
 Concen: 262.687 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.8	35.8





#17

Carbon Disulfide

Concen: 45.062 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 614922

Ion Ratio Lower Upper

76 100

78 9.1

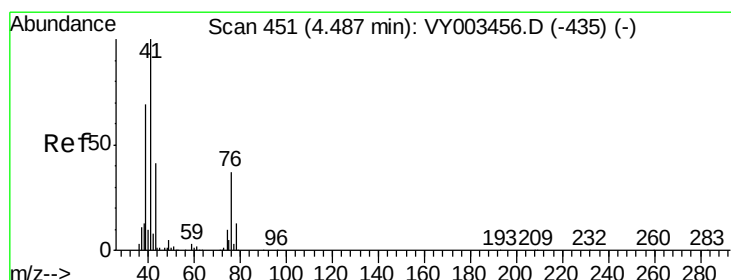
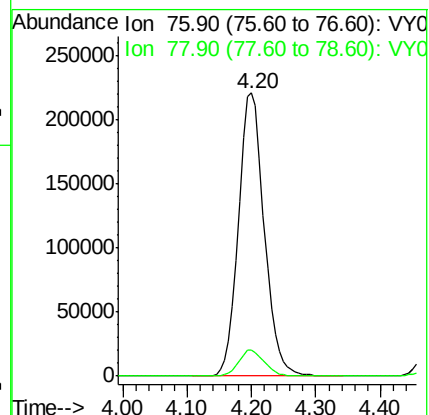
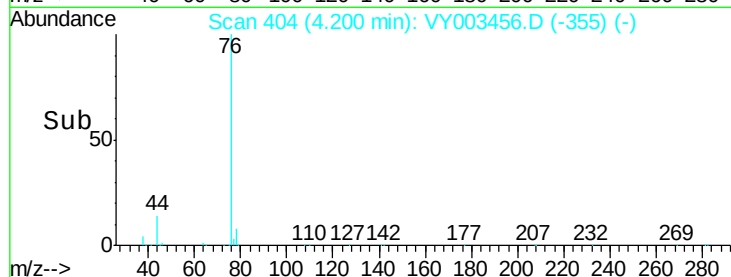
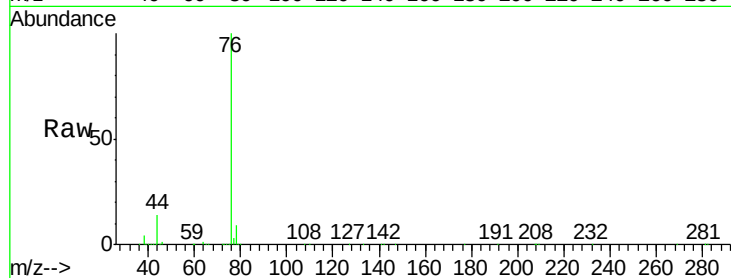
7.3 10.9

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#18

Methyl Acetate

Concen: 45.954 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

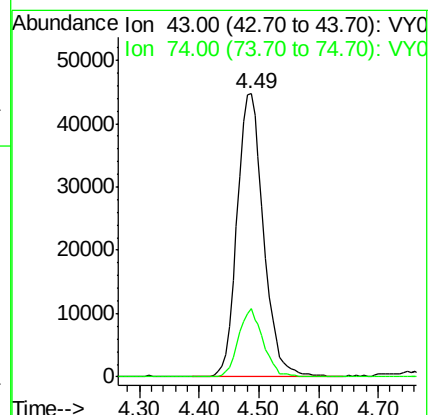
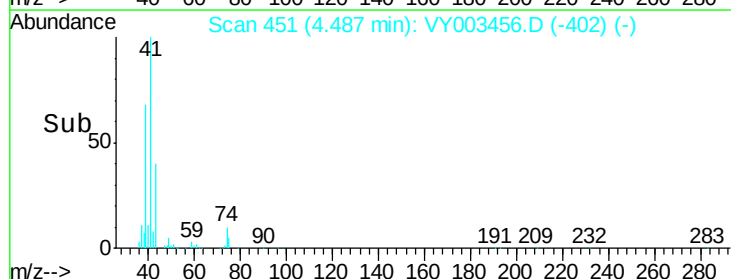
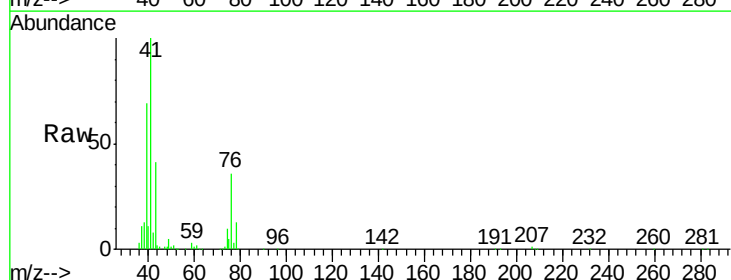
Tgt Ion: 43 Resp: 138129

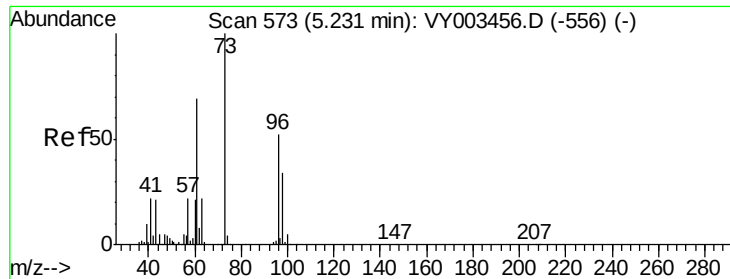
Ion Ratio Lower Upper

43 100

74 22.5

18.0 27.0





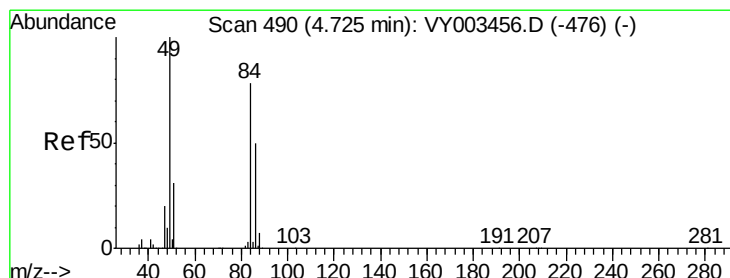
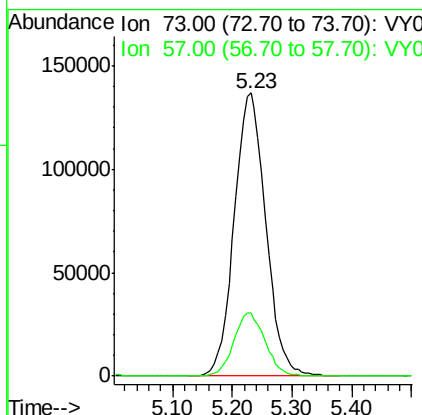
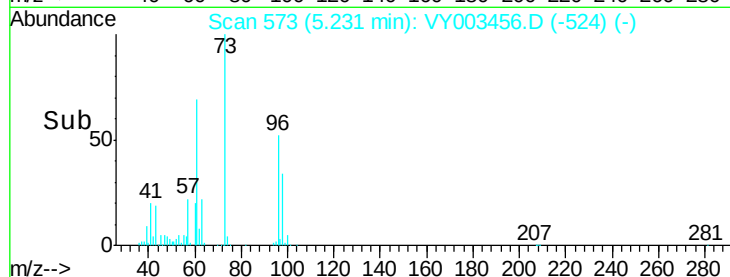
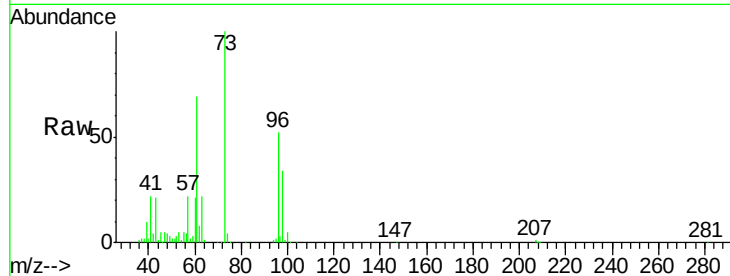
#19
Methyl tert-butyl Ether
Concen: 43.576 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.9	26.9

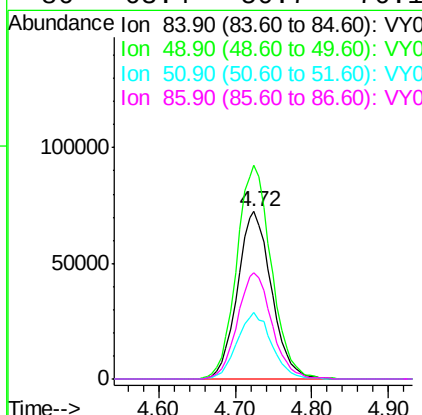
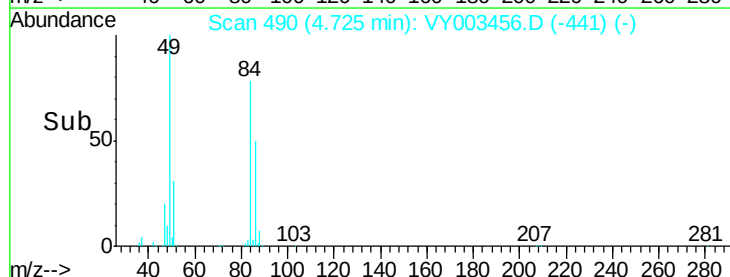
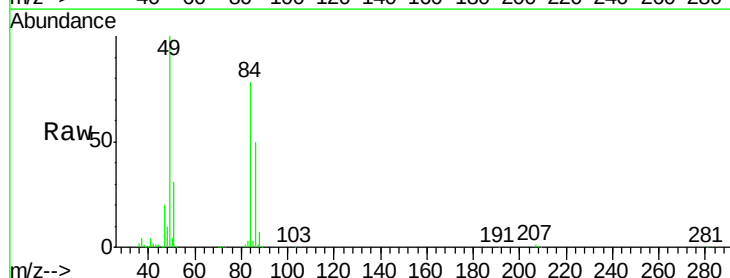
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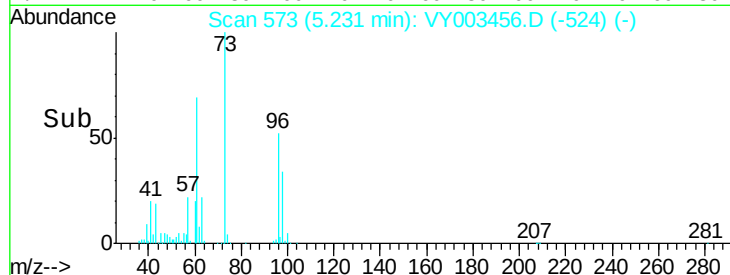
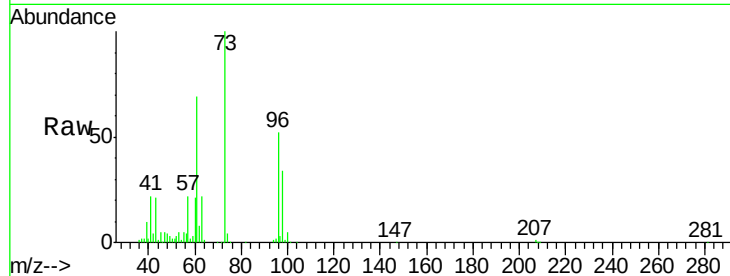
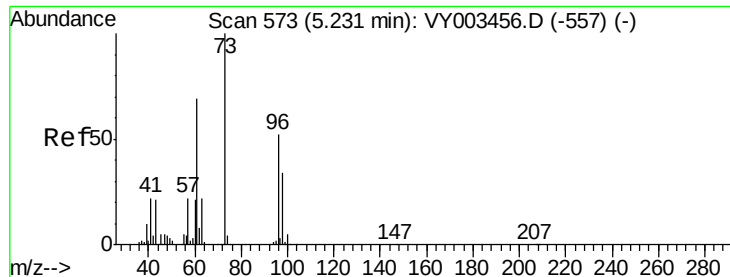
MMDadoda
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#20
Methylene Chloride
Concen: 29.375 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.7	102.2	153.2
51	40.0	32.0	48.0
86	63.4	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 45.787 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Tot Ion:	96	Resp:	218135
Ion	Ratio	Lower	Upper
96	100		
61	134.5	107.6	161.4
98	65.1	52.1	78.1

Instrument :

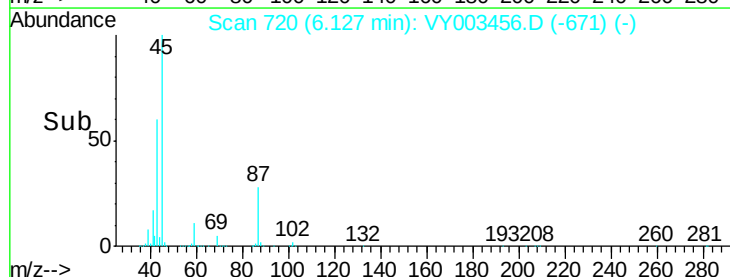
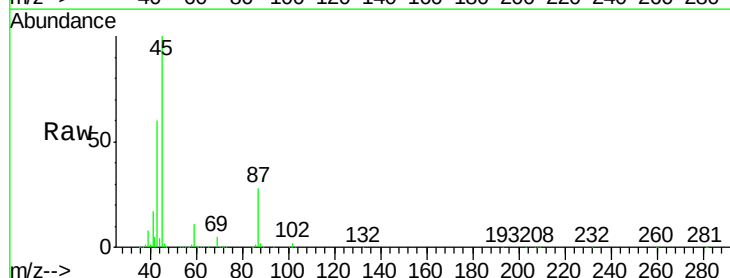
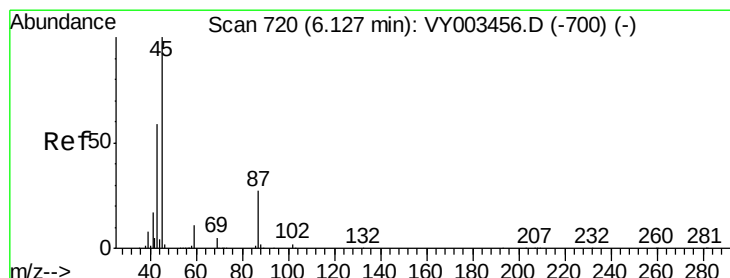
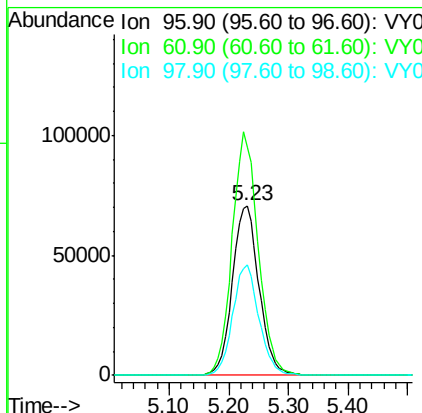
MSVOA_Y

ClientSampleId :

VSTDICCC050

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#22

Diisopropyl ether

Concen: 43.645 ug/l

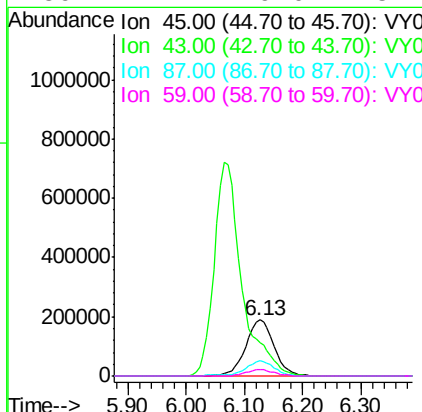
RT: 6.13 min Scan# 720

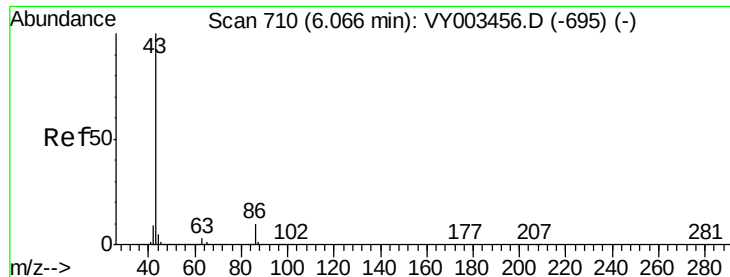
Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Tgt Ion:	45	Resp:	639027
Ion	Ratio	Lower	Upper
45	100		
43	59.4	47.5	71.3
87	27.7	22.2	33.2
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 242.089 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2361272

Ion Ratio Lower Upper

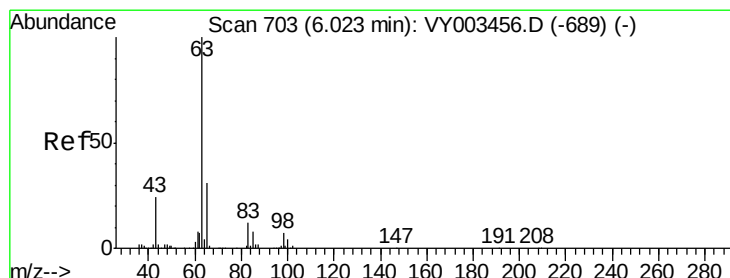
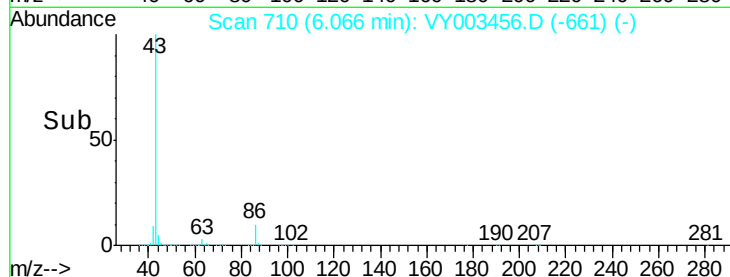
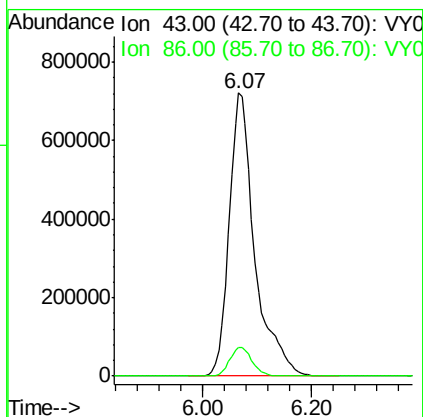
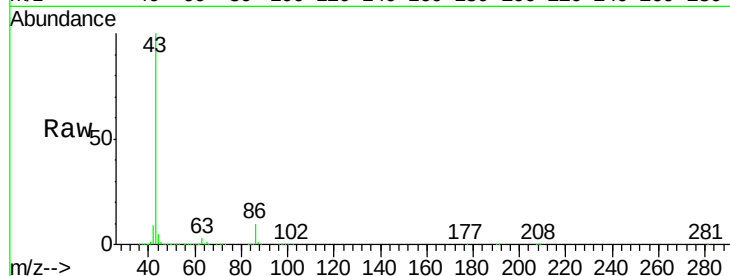
43 100

86 10.1 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 46.732 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

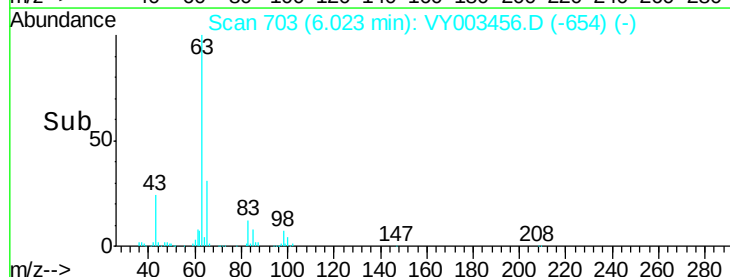
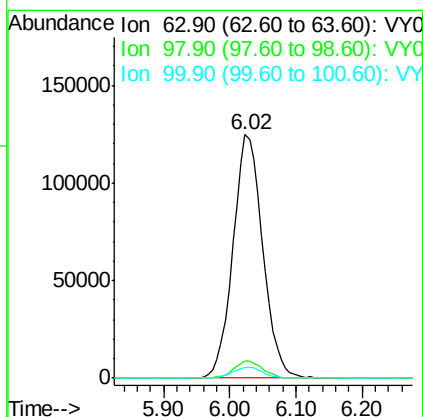
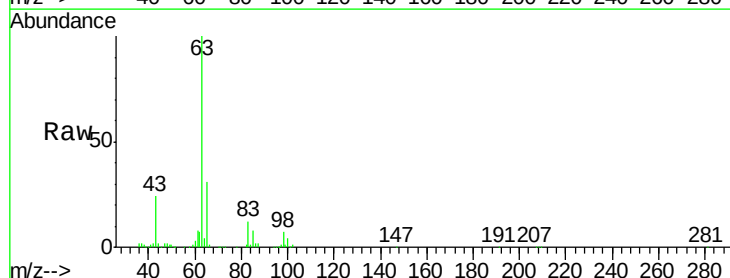
Tgt Ion: 63 Resp: 388520

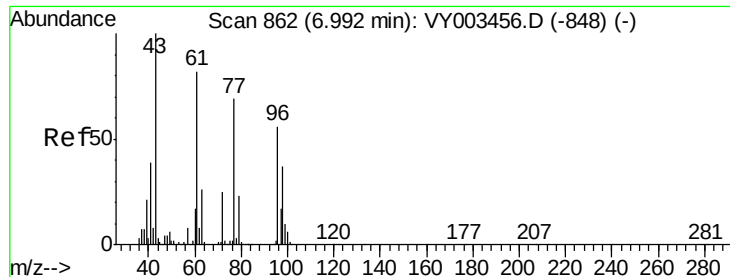
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 244.788 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 424714

Ion Ratio Lower Upper

43 100

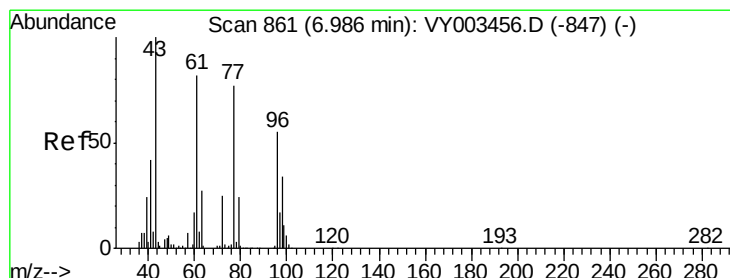
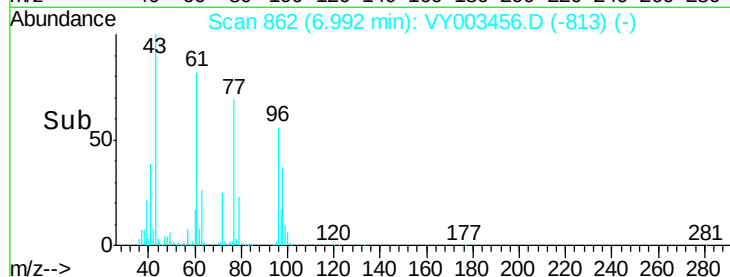
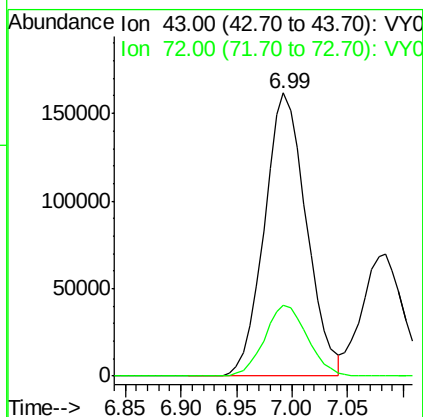
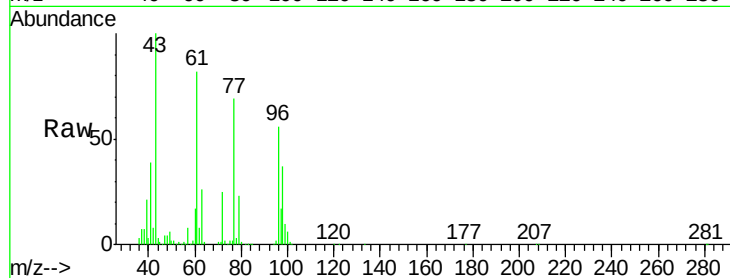
72 25.0 20.0 30.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.922 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY003456.D

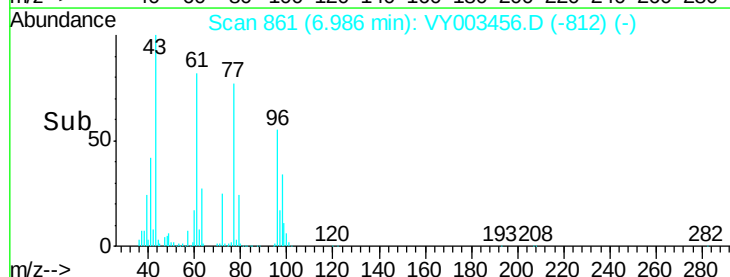
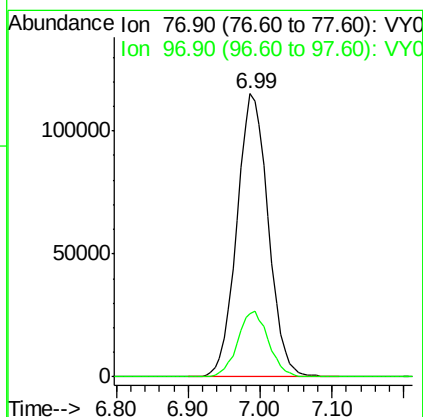
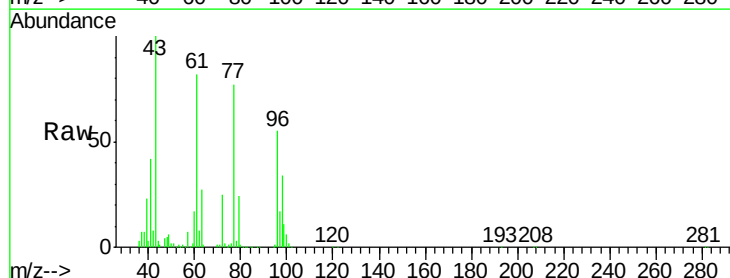
Acq: 05 Oct 2020 16:12

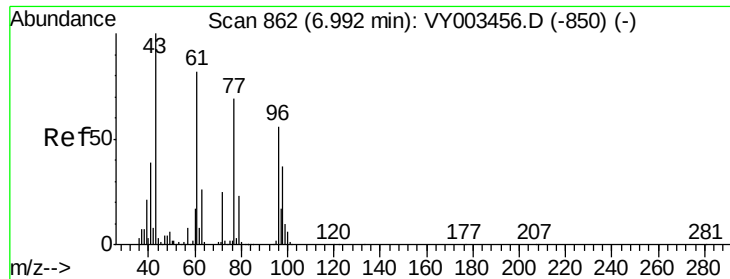
Tgt Ion: 77 Resp: 348491

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2





#27

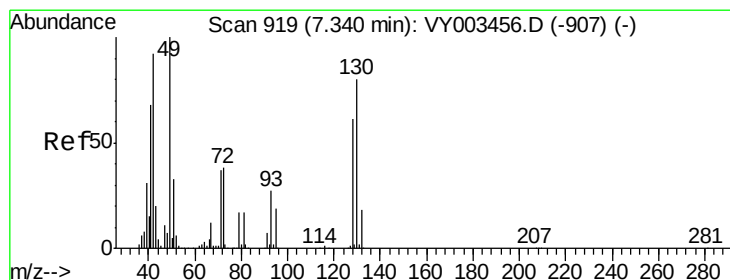
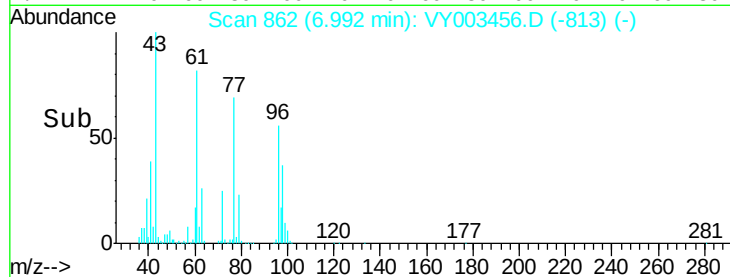
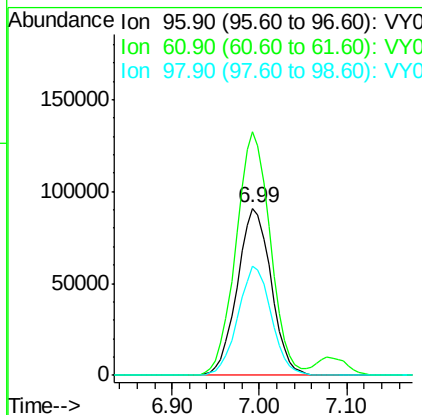
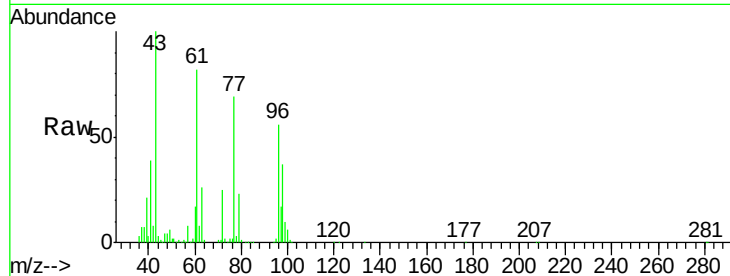
cis-1,2-Dichloroethene
Concen: 46.762 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	245016		
61	147.6	0.0	295.2	
98	64.5	0.0	129.0	

Manual Integrations
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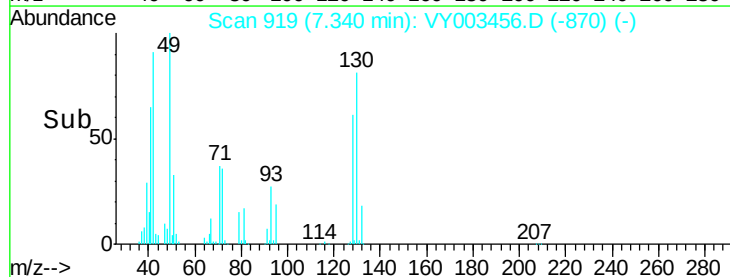
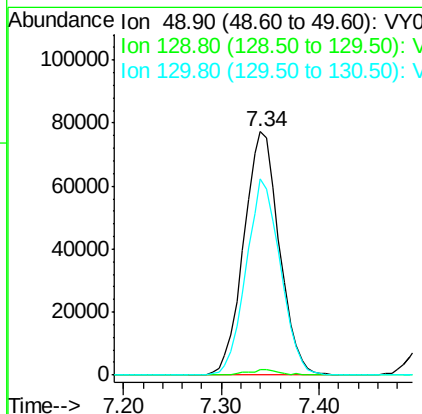
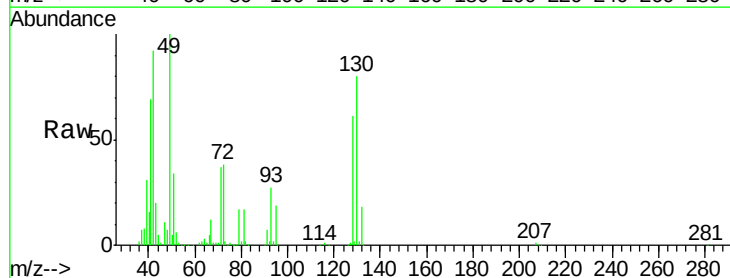
MMDadoda
10/6/2020 12:55:40 PM

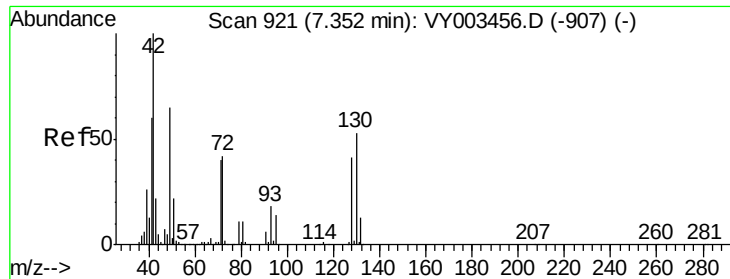


#28

Bromochloromethane
Concen: 56.976 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	194085		
129	2.2	0.0	4.4	
130	78.0	62.4	93.6	





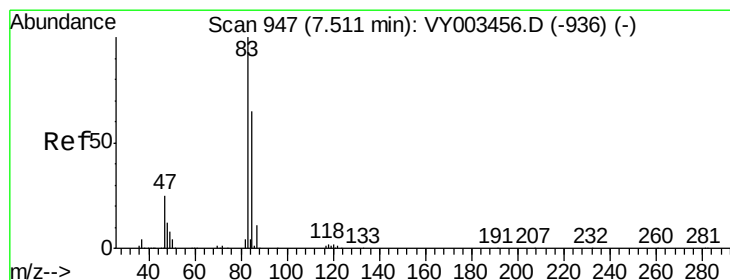
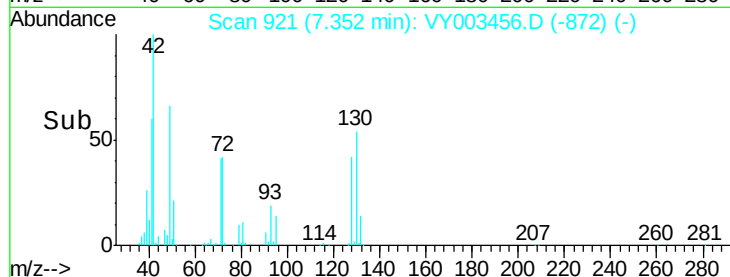
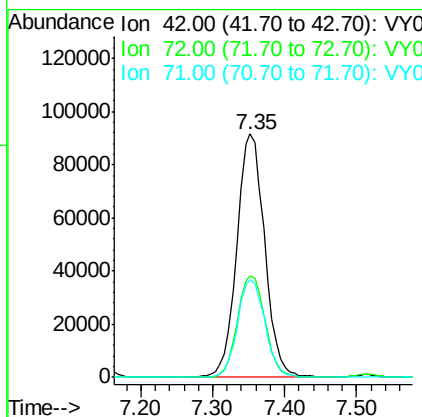
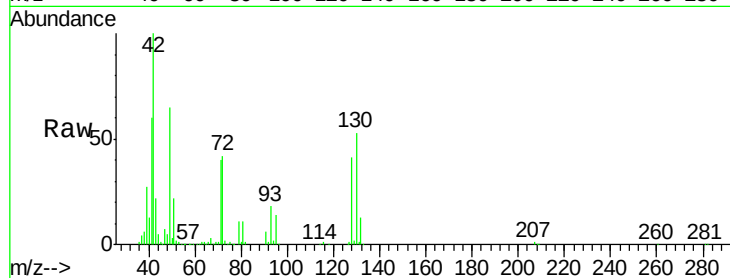
#29
Tetrahydrofuran
Concen: 221.624 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.3	49.9
71	39.6	31.7	47.5

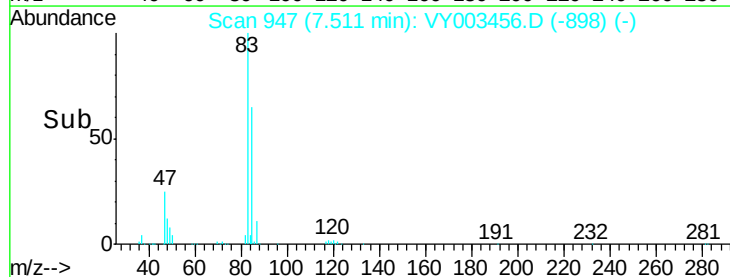
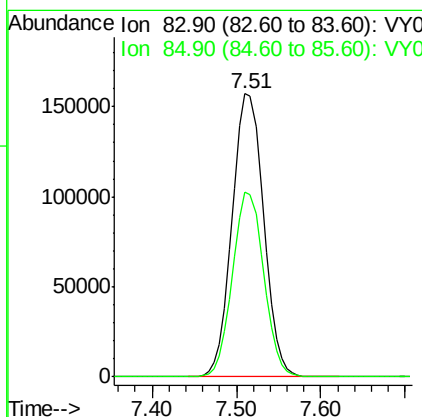
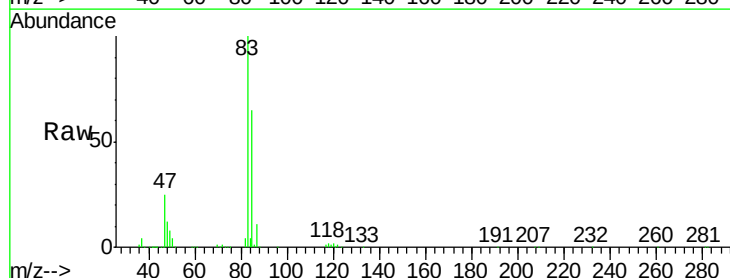
Manual Integrations
APPROVED

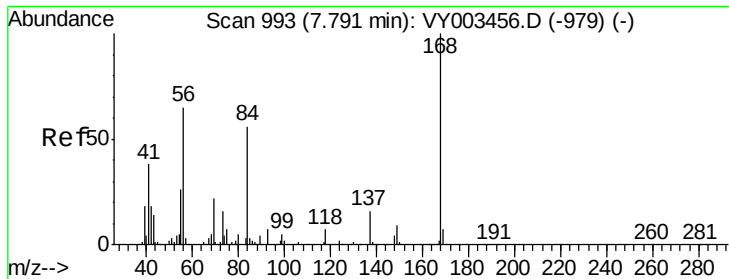
MMDadoda
10/6/2020 12:55:40 PM



#30
Chloroform
Concen: 48.130 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.4





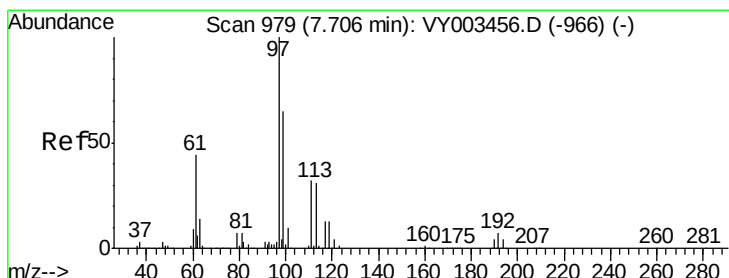
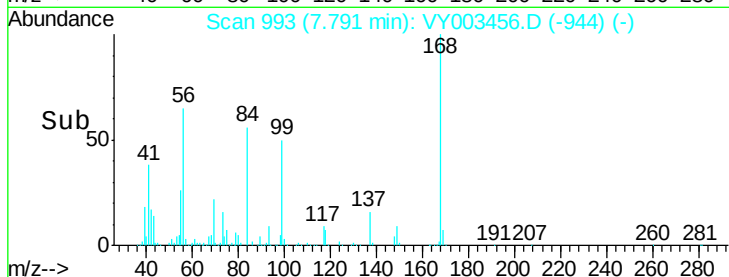
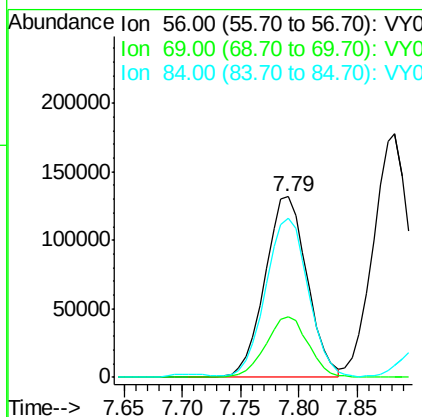
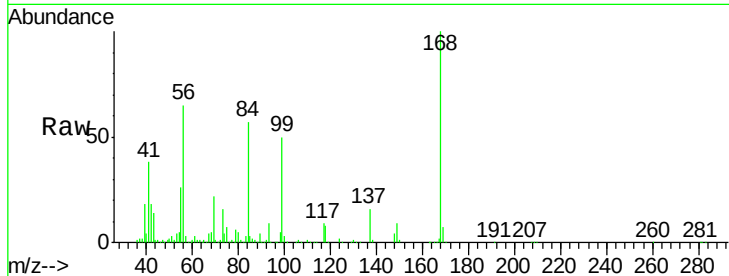
#31
Cyclohexane
Concen: 41.522 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	26.8	40.2
84	86.4	69.1	103.7

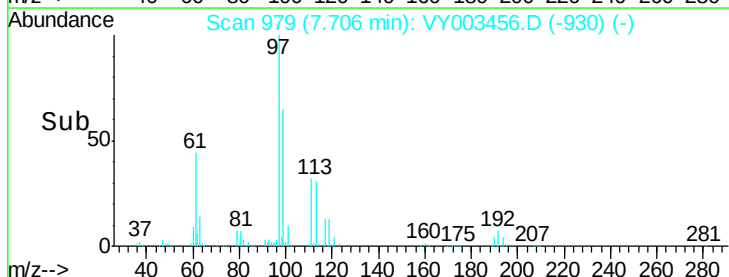
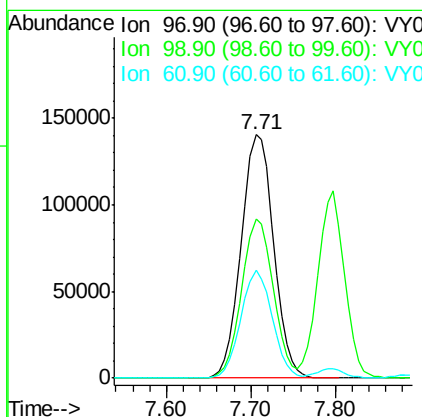
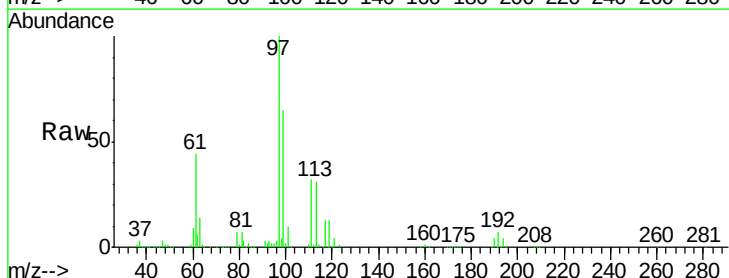
Manual Integrations
APPROVED

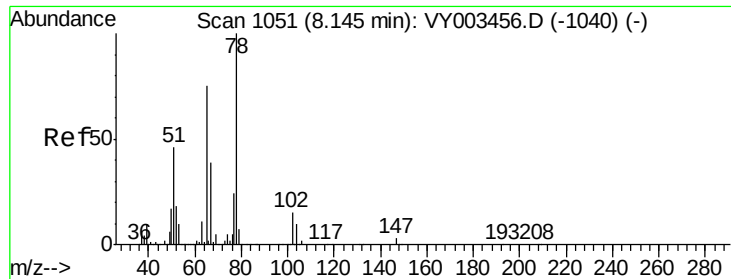
MMDadoda
10/6/2020 12:55:40 PM



#32
1,1,1-Trichloroethane
Concen: 48.304 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	43.0	34.4	51.6





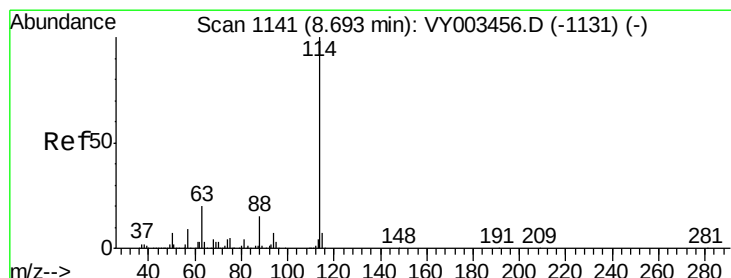
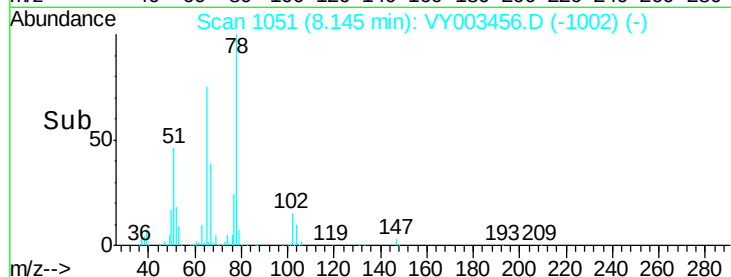
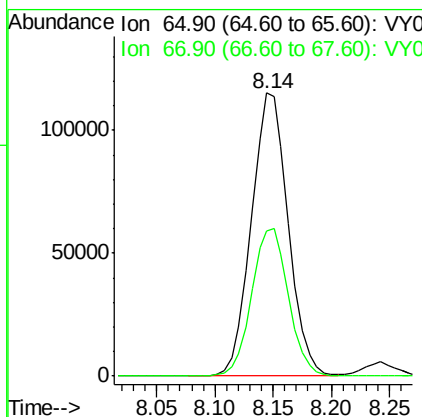
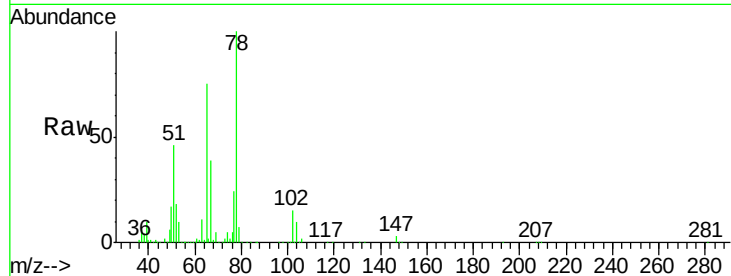
#33
 1,2-Dichloroethane-d4
 Concen: 54.692 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.2	0.0	104.4	

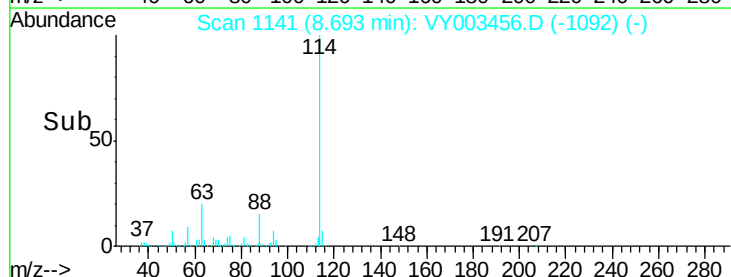
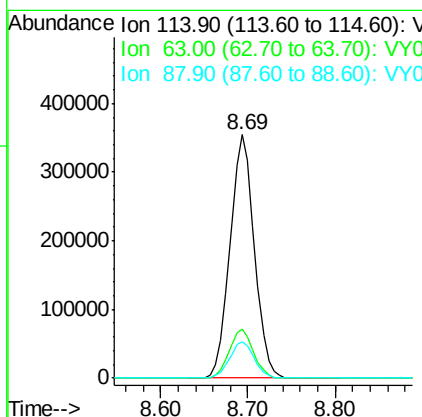
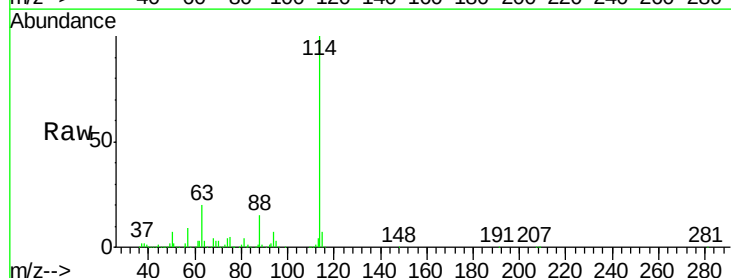
Manual Integrations
 APPROVED

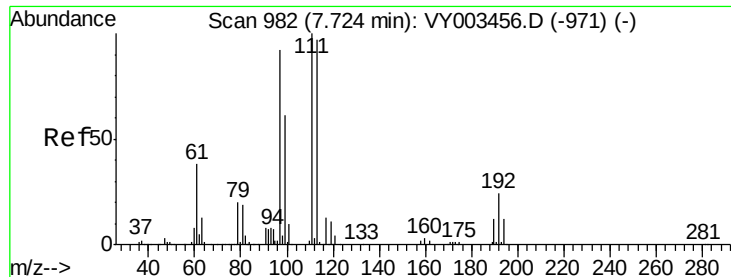
MMDadoda
 10/6/2020 12:55:40 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	40.2	
88	15.0	0.0	30.0	





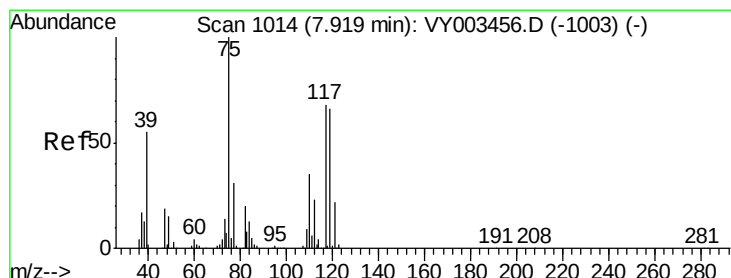
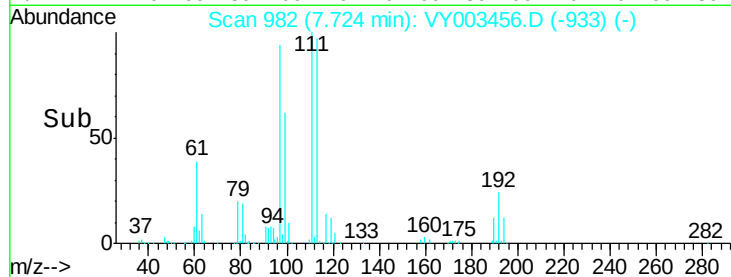
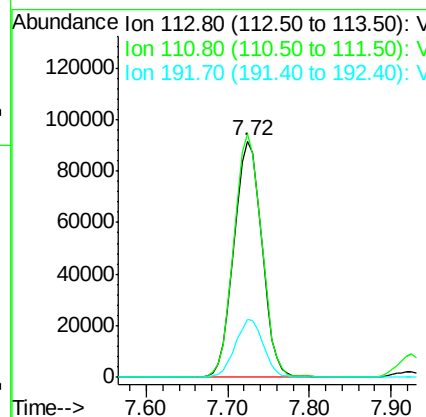
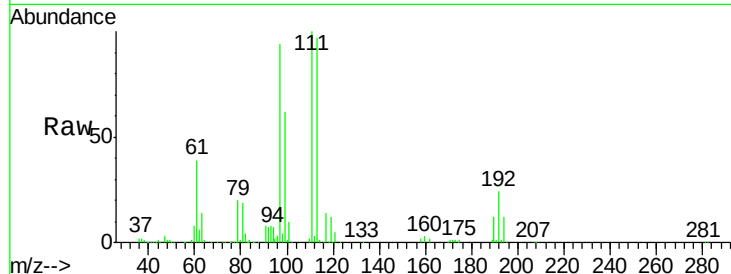
#35
 Dibromofluoromethane
 Concen: 53.786 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	216660		
111	102.7	82.2	123.2	
192	24.7	19.8	29.6	

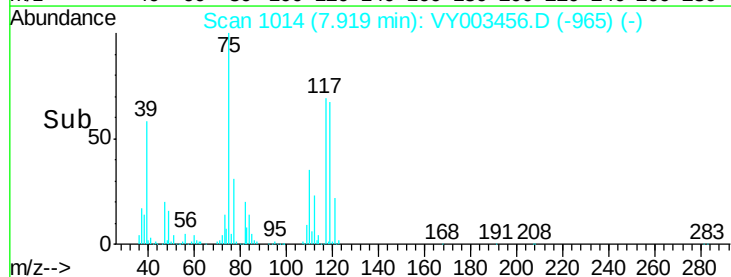
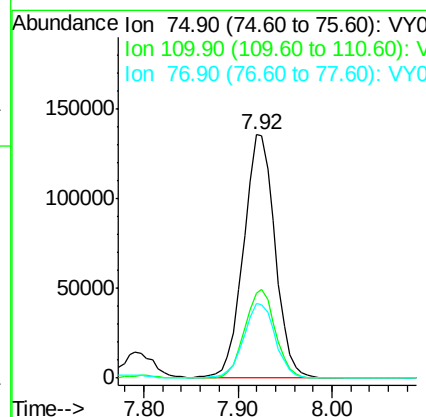
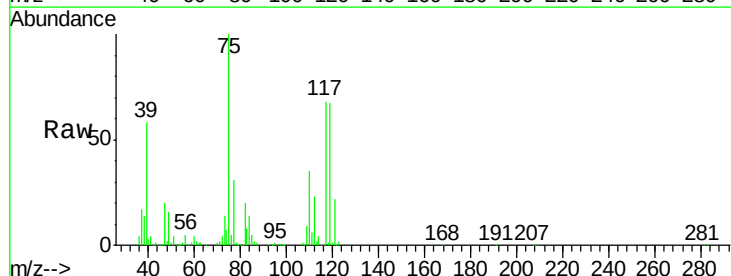
Manual Integrations
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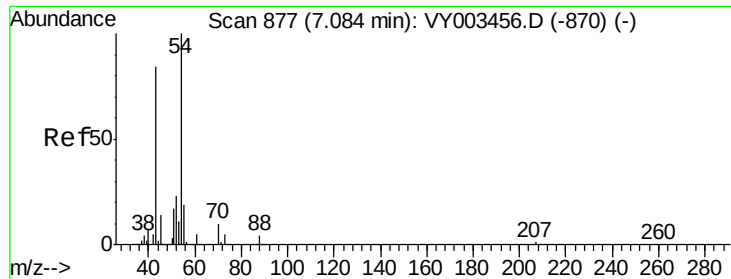
MMDadoda
 10/6/2020 12:55:40 PM



#36
 1,1-Dichloropropene
 Concen: 48.991 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	314466		
110	35.5	17.8	53.3	
77	31.0	24.8	37.2	





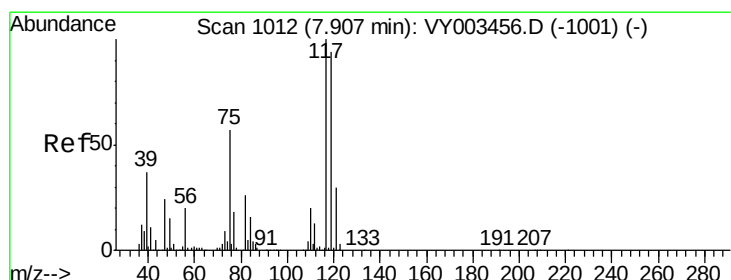
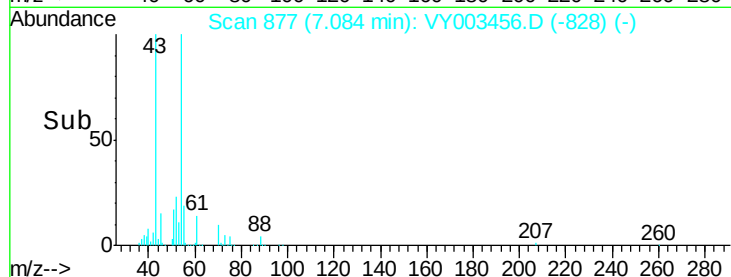
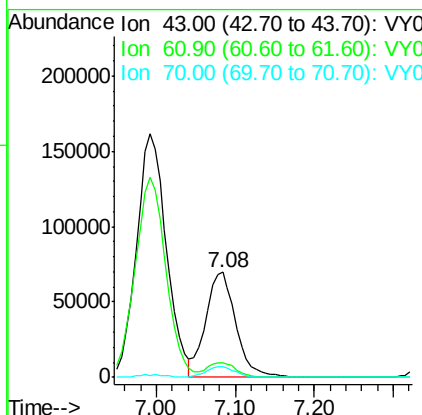
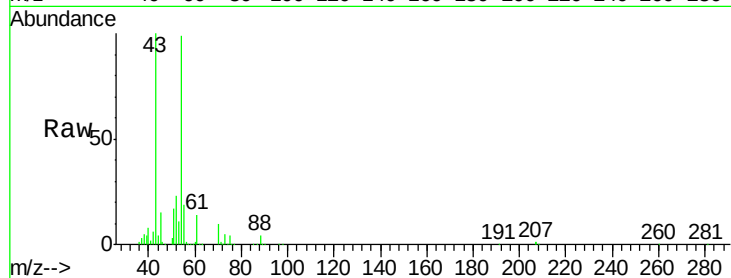
#37
Ethyl Acetate
Concen: 50.032 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.2	8.2	12.2

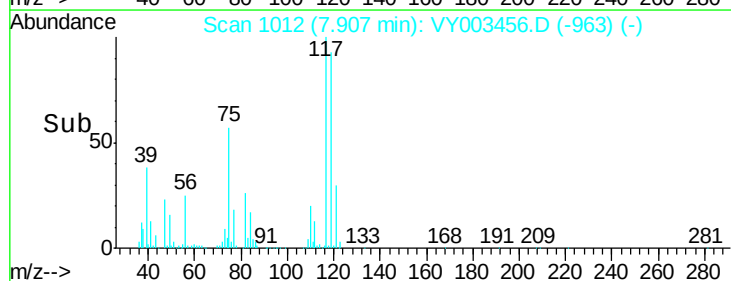
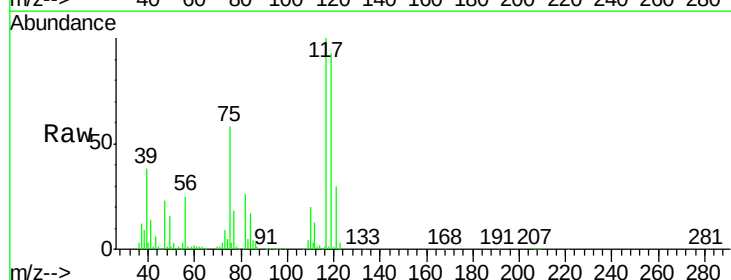
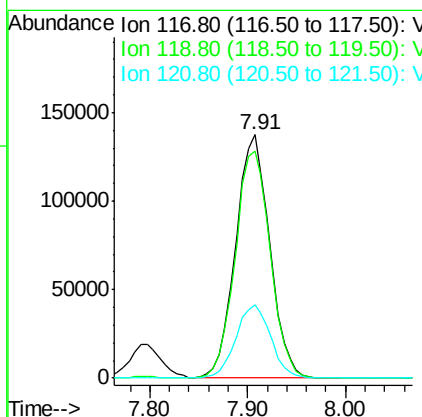
Manual Integrations
APPROVED

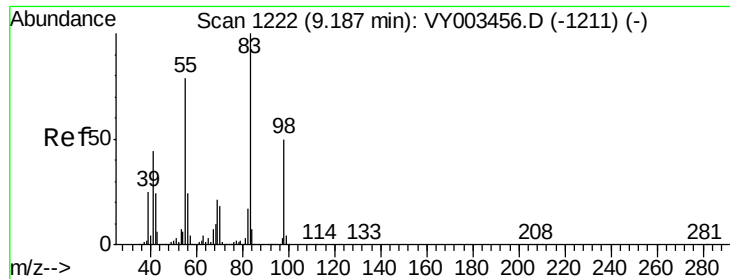
MMDadoda
10/6/2020 12:55:40 PM



#38
Carbon Tetrachloride
Concen: 50.041 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	74.7	112.1
121	30.4	24.3	36.5





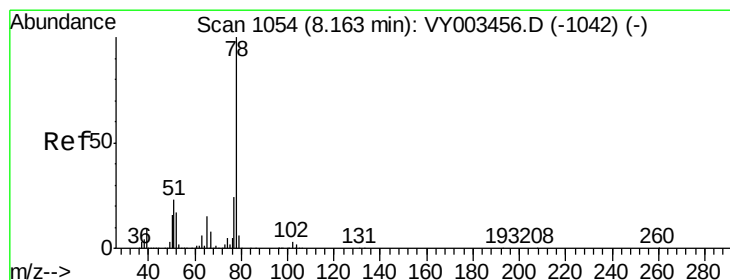
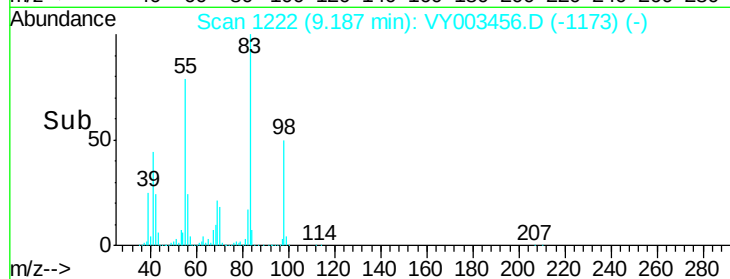
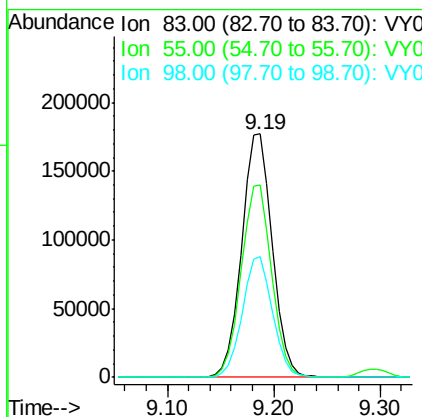
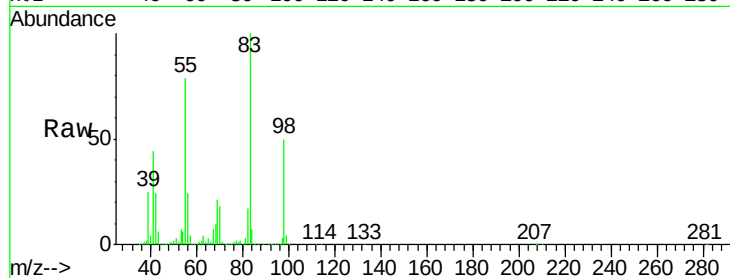
#39
Methylvlcyclohexane
Concen: 46.253 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	63.0	94.6
98	49.6	39.7	59.5

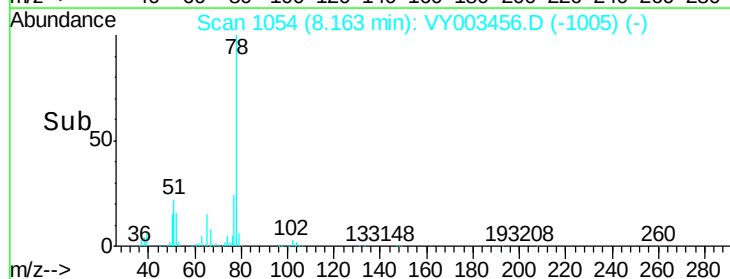
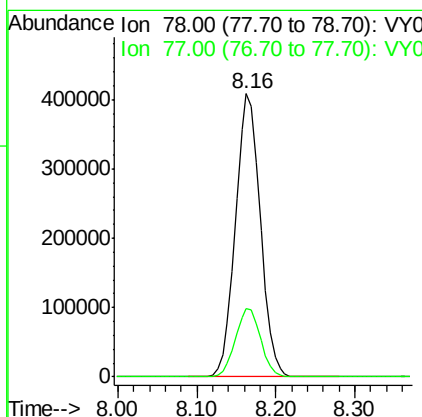
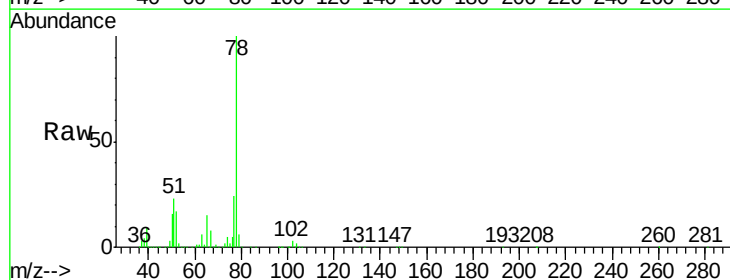
Manual Integrations
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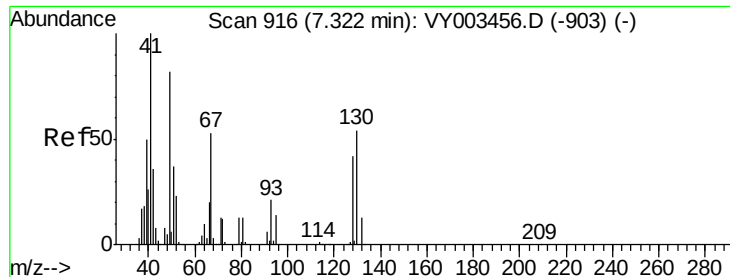
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10/6/2020 12:55:40 PM



#40
Benzene
Concen: 49.955 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





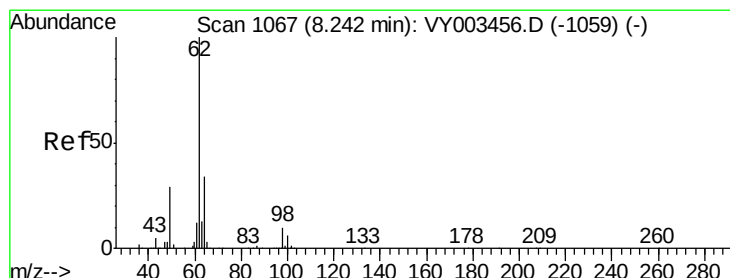
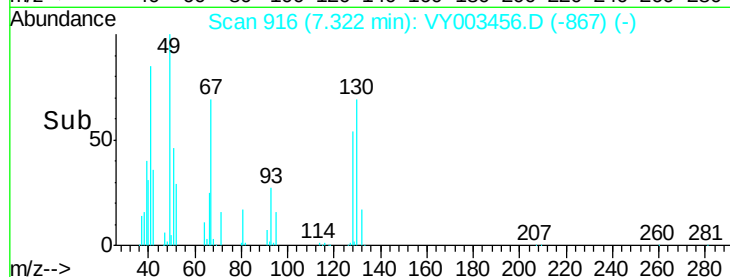
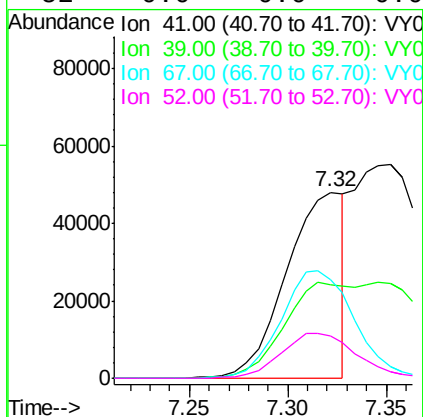
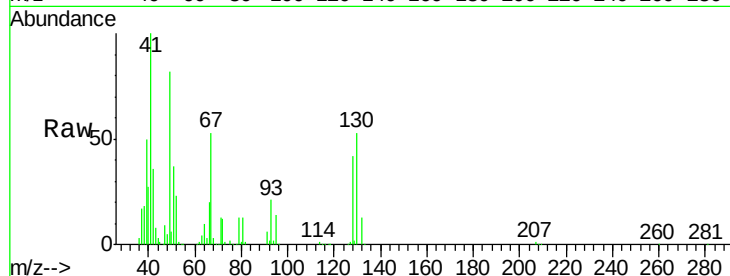
#41
Methacrylonitrile
Concen: 48.143 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	98947
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

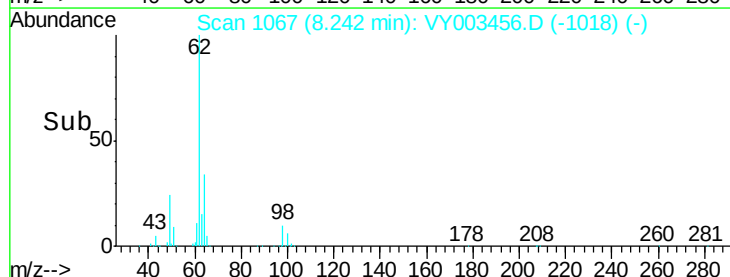
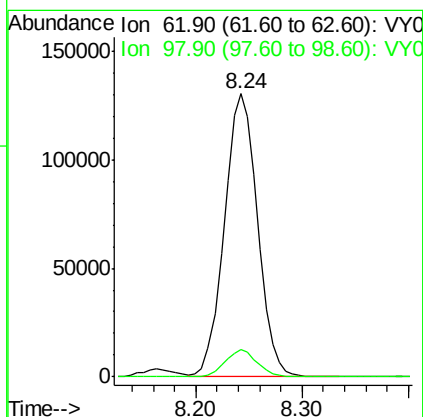
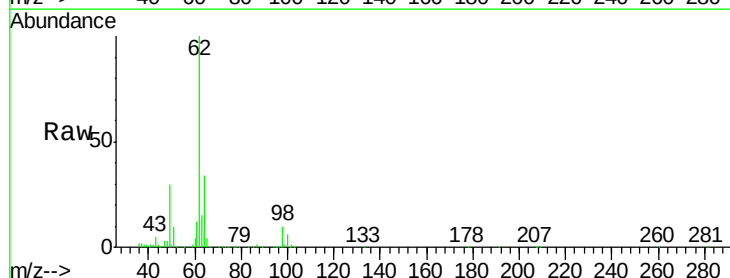
Manual Integrations
APPROVED

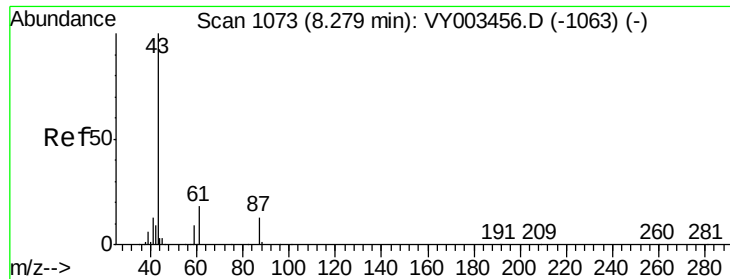
MMDadoda
10/6/2020 12:55:40 PM



#42
1,2-Dichloroethane
Concen: 51.547 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	62	Resp	283437
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 50.484 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

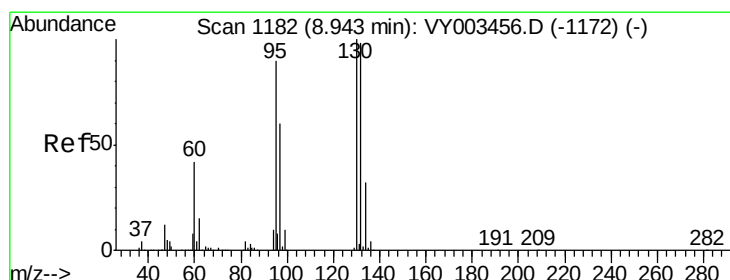
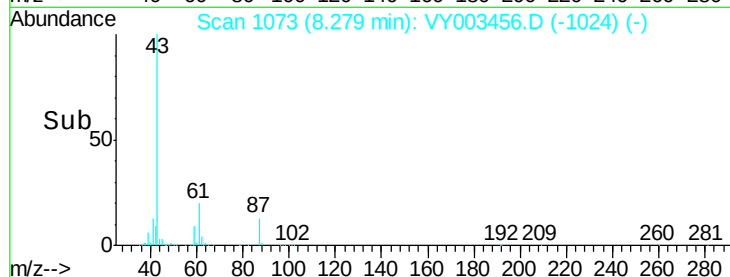
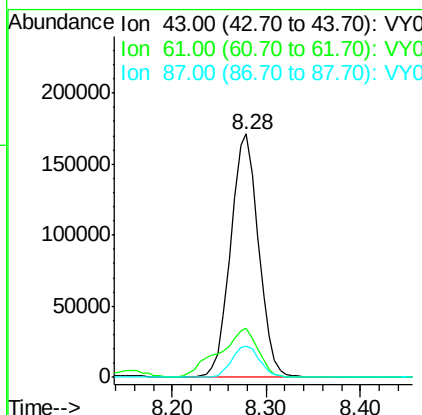
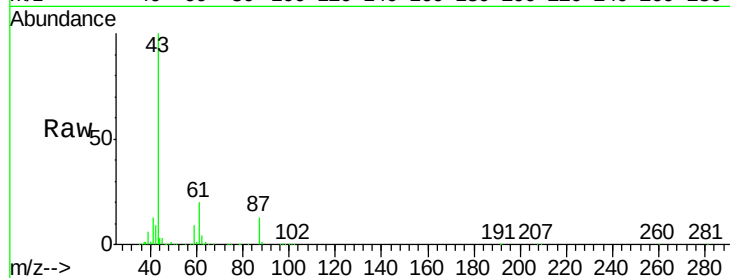
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	351458
Ion	Ratio	Lower	Upper
43	100		
61	28.4	22.7	34.1
87	13.0	10.4	15.6

Manual Integrations
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MMDadoda
10/6/2020 12:55:40 PM



#44

Trichloroethene

Concen: 50.726 ug/l

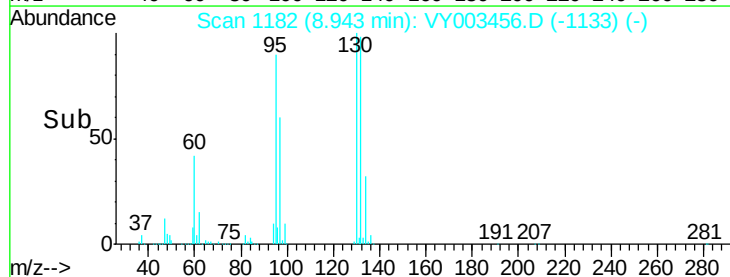
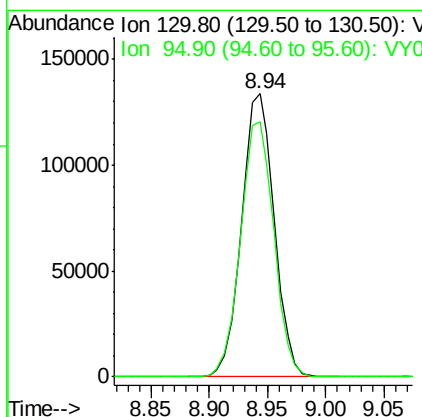
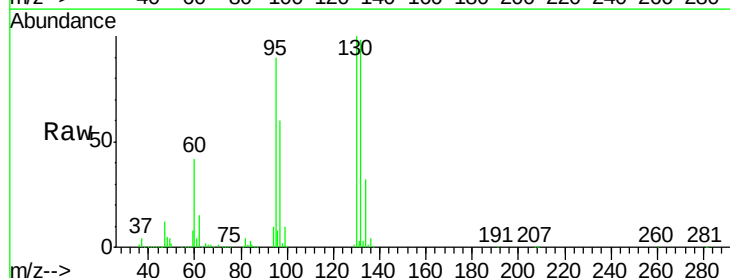
RT: 8.94 min Scan# 1182

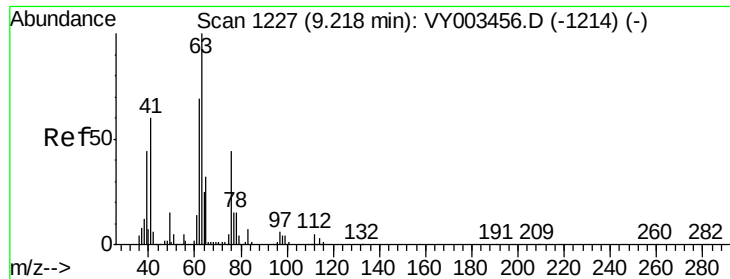
Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Tgt Ion:	130	Resp:	261677
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	180.6





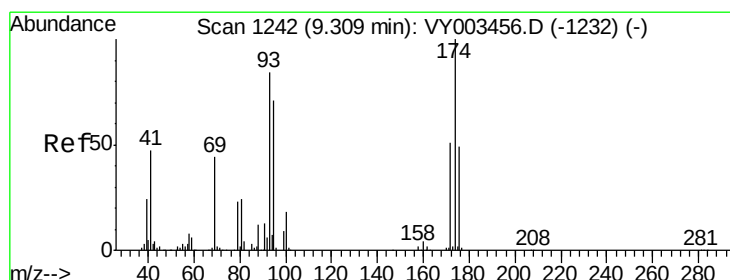
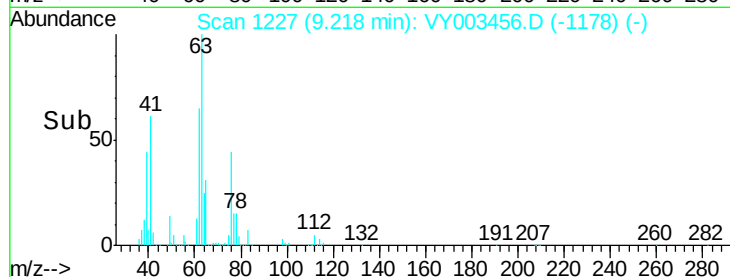
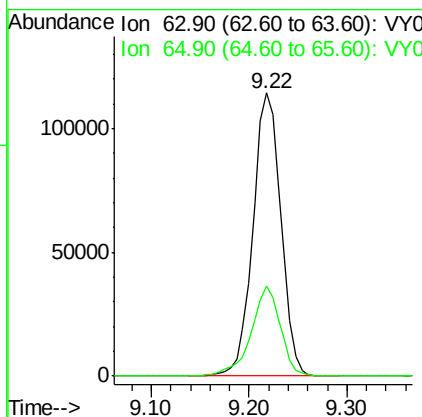
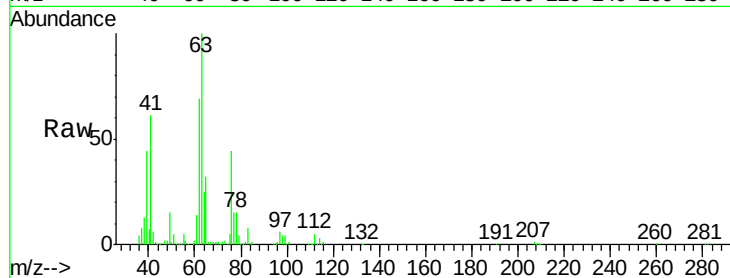
#45
 1,2-Dichloropropane
 Concen: 48.855 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.4	38.2

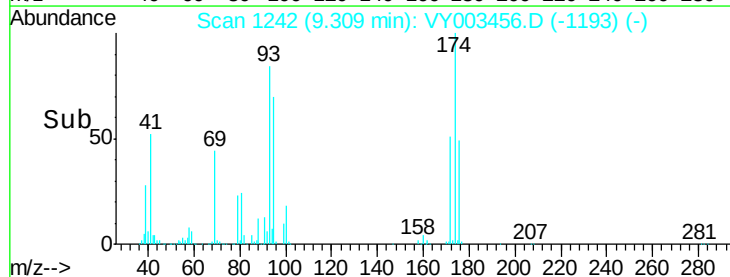
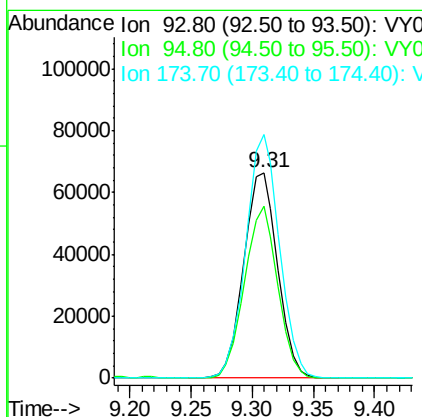
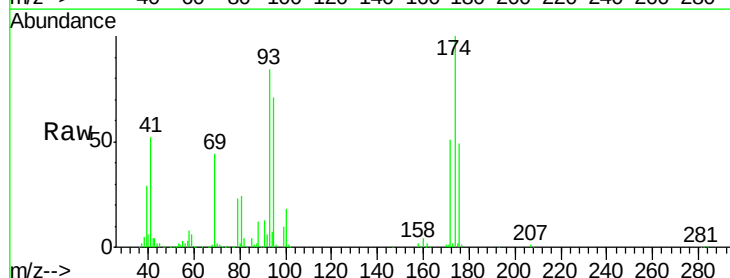
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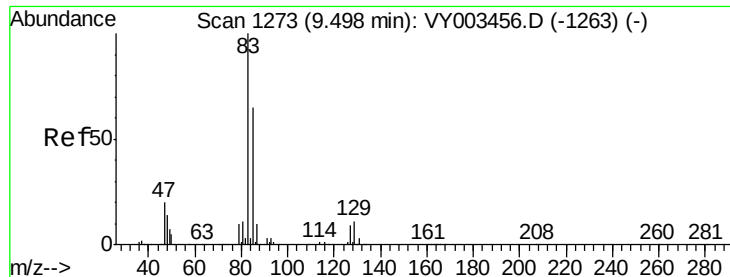
MMDadoda
 10/6/2020 12:55:40 PM



#46
 Dibromomethane
 Concen: 48.691 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.6	98.4
174	117.9	94.3	141.5





#47

Bromodichloromethane

Concen: 49.394 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

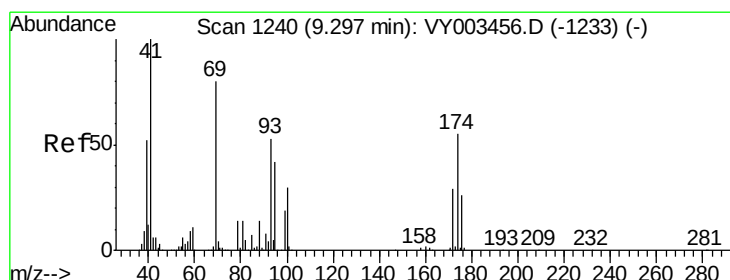
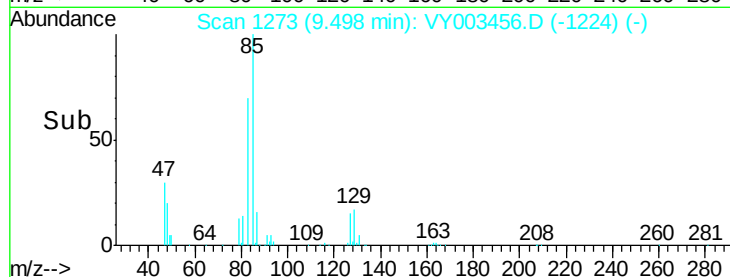
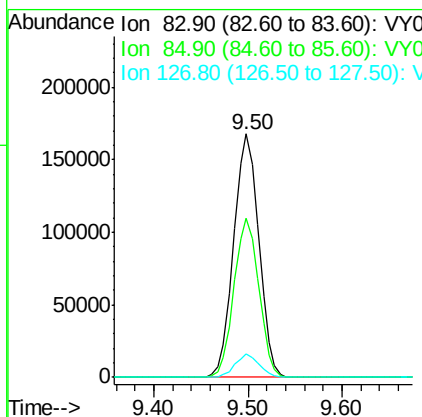
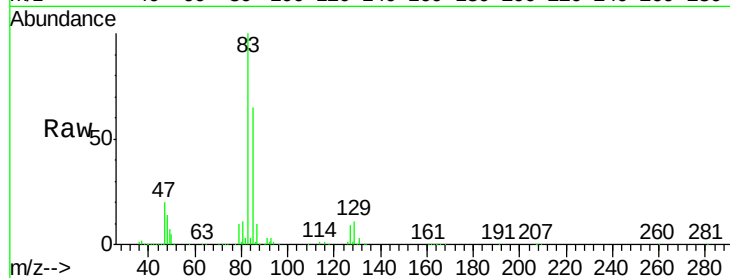
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	312141
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.1	78.1
127	9.4	7.5	11.3

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:55:40 PM



#48

Methyl methacrylate

Concen: 53.290 ug/l

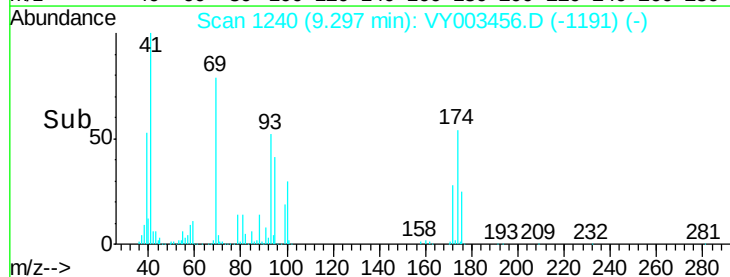
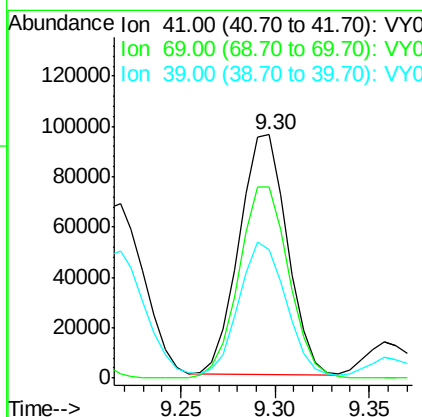
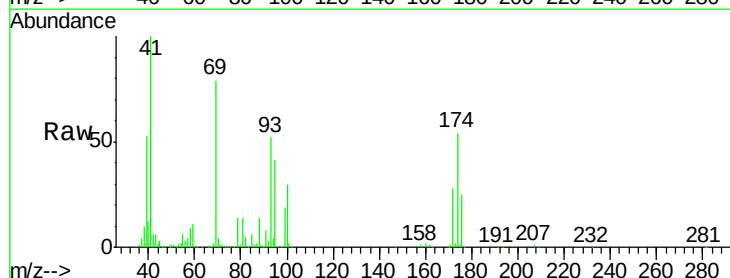
RT: 9.30 min Scan# 1240

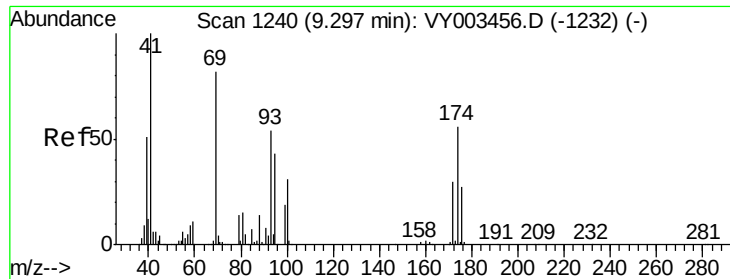
Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Tgt Ion:	41	Resp:	169095
Ion	Ratio	Lower	Upper
41	100		
69	82.9	66.3	99.5
39	56.5	45.2	67.8





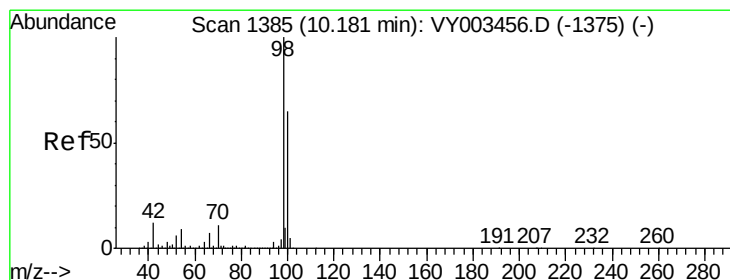
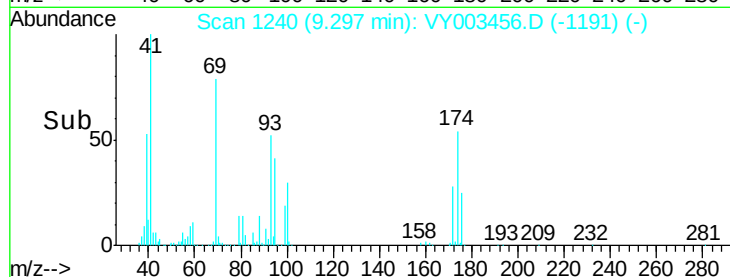
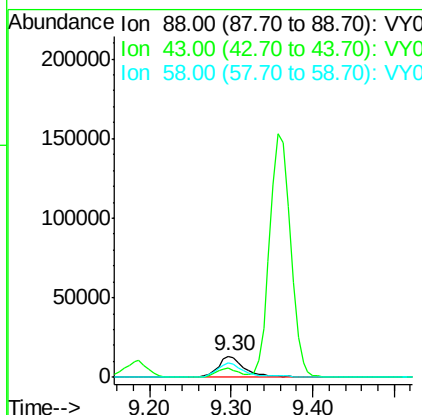
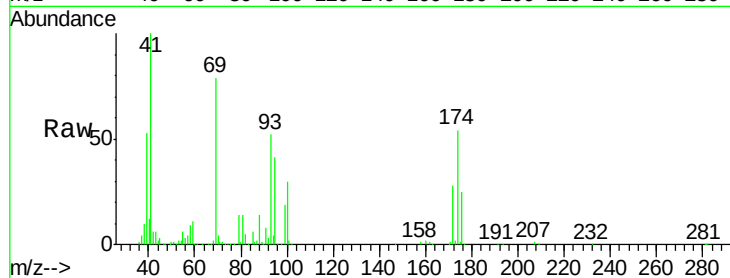
#49
1,4-Dioxane
Concen: 920.071 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	30875
Ion	Ratio	Lower	Upper
88	100		
43	35.8	28.6	43.0
58	64.7	51.8	77.6

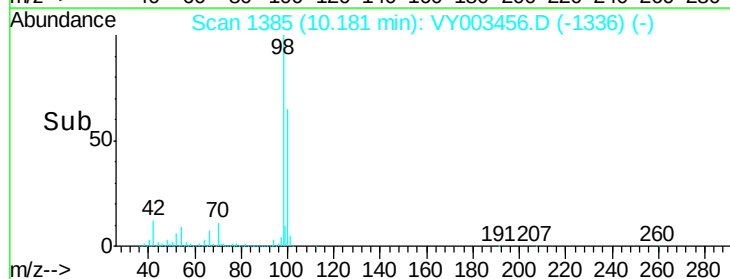
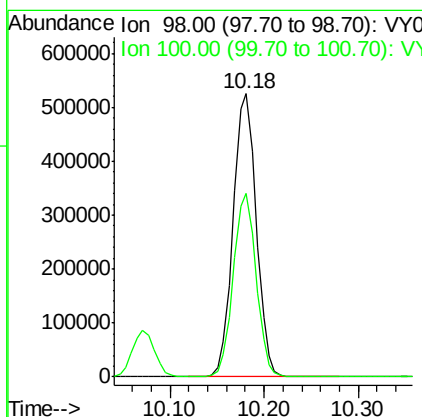
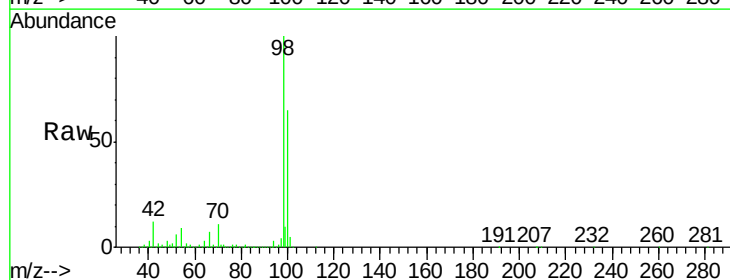
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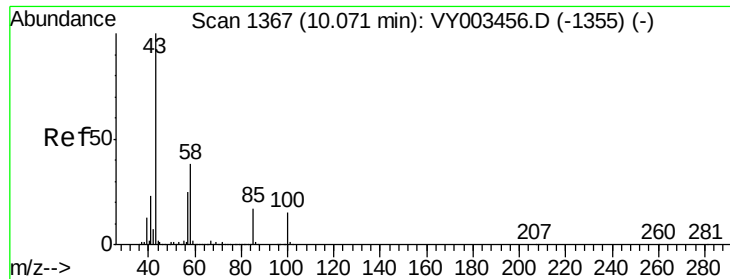
MMDadoda
10/6/2020 12:55:40 PM



#50
Toluene-d8
Concen: 56.344 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	98	Resp	897594
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8





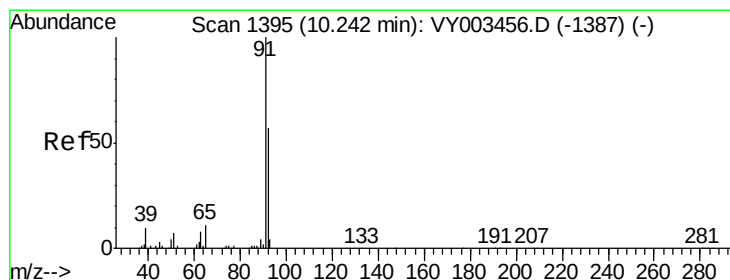
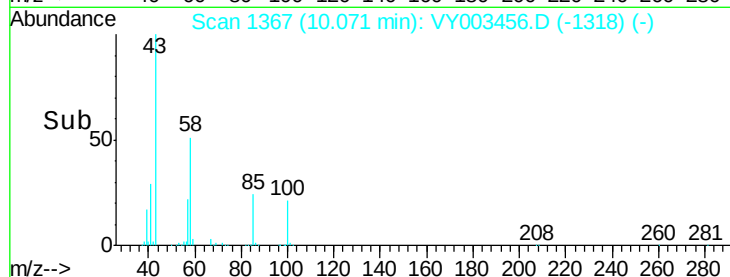
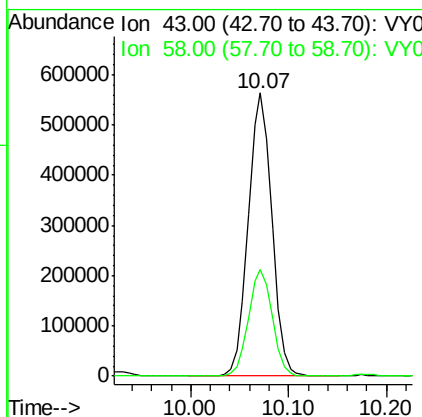
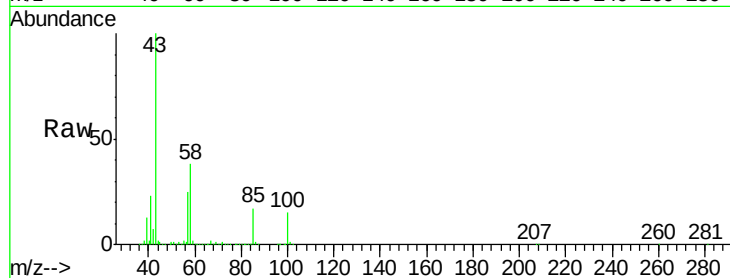
#51
4-Methyl-2-Pentanone
Concen: 257.355 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 942346
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

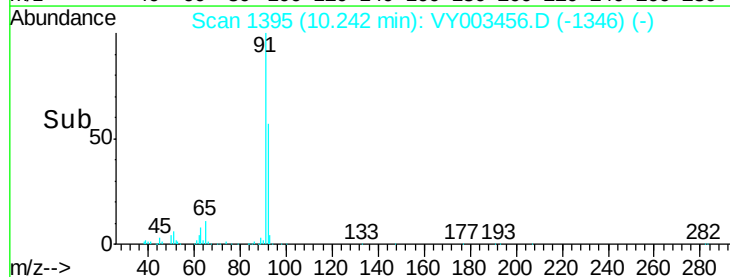
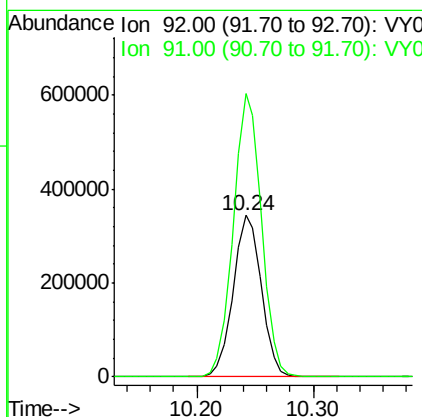
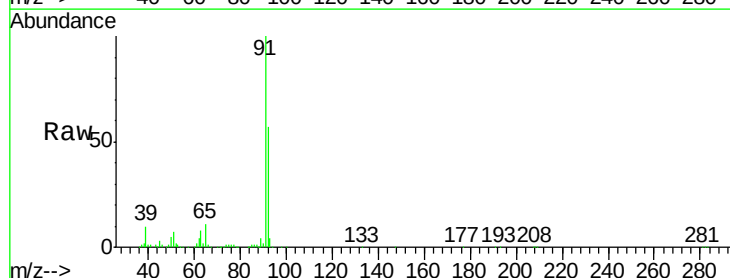
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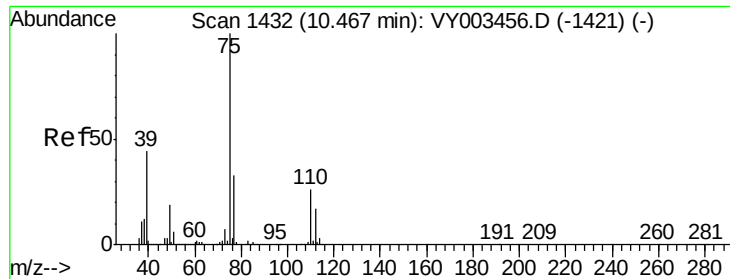
MMDadoda
10/6/2020 12:55:40 PM



#52
Toluene
Concen: 51.455 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 92 Resp: 579815
Ion Ratio Lower Upper
92 100
91 175.0 140.0 210.0





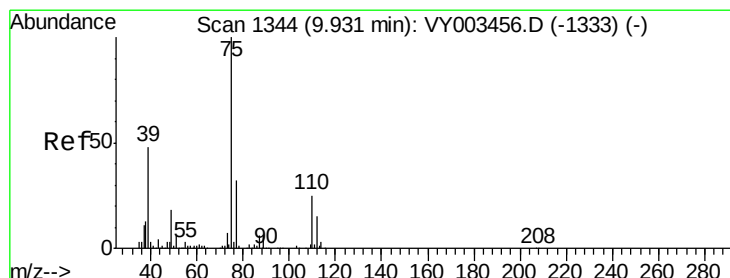
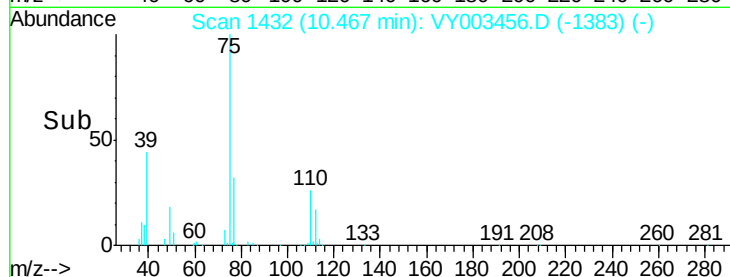
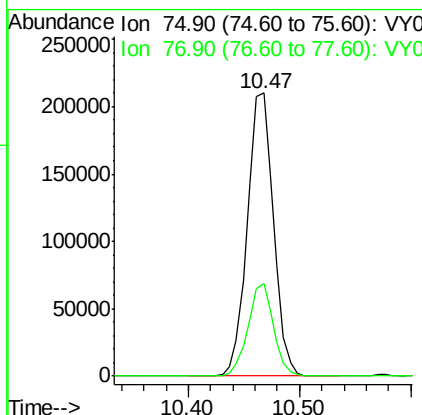
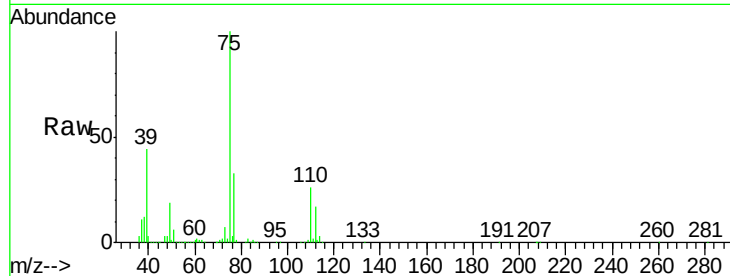
#53
t-1,3-Dichloropropene
Concen: 50.982 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.0	39.0

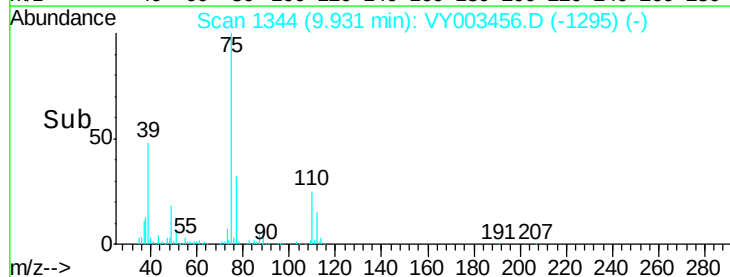
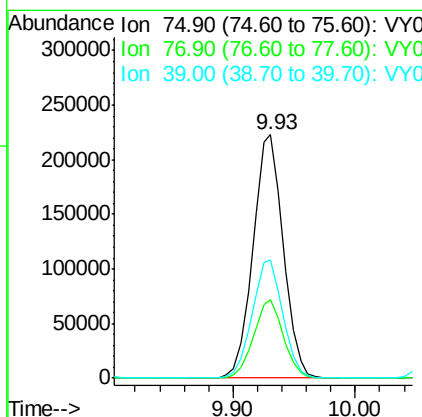
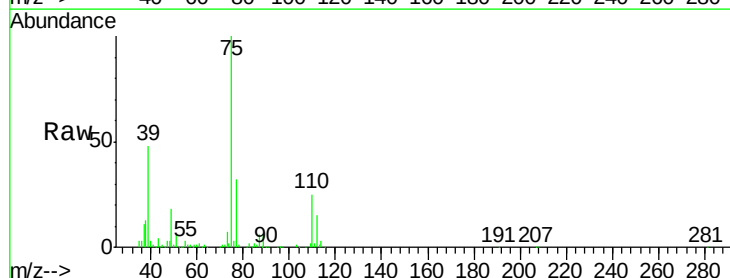
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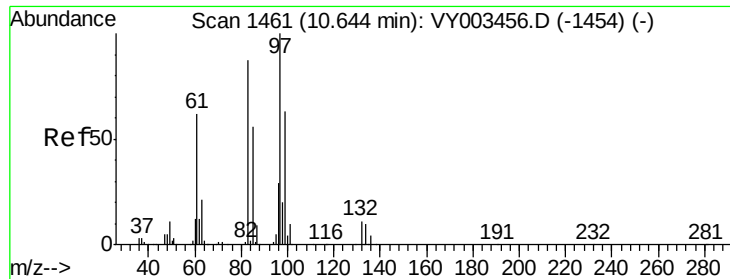
MMDadoda
10/6/2020 12:55:40 PM



#54
cis-1,3-Dichloropropene
Concen: 50.220 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.9	38.9
39	48.4	38.7	58.1





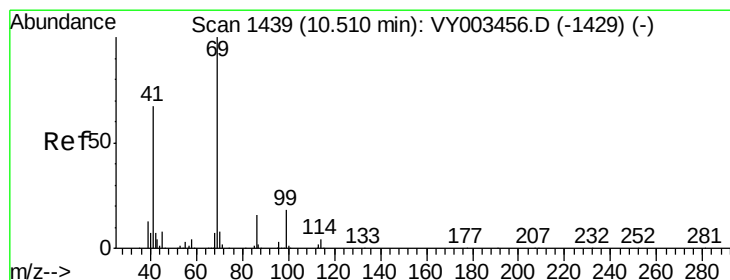
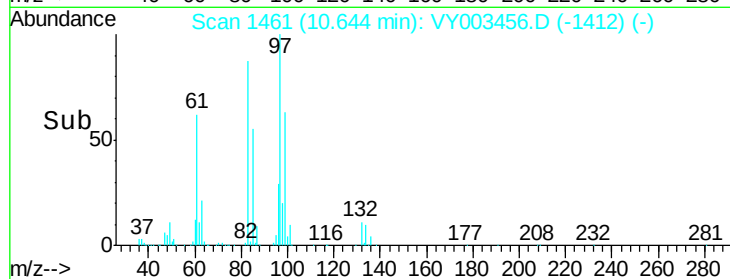
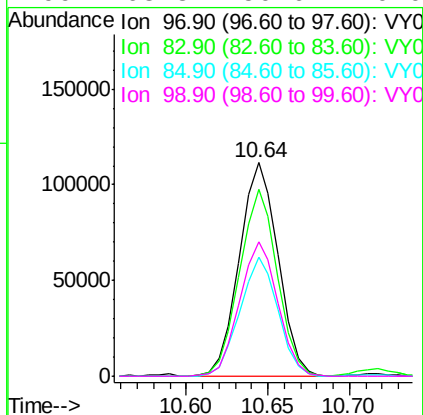
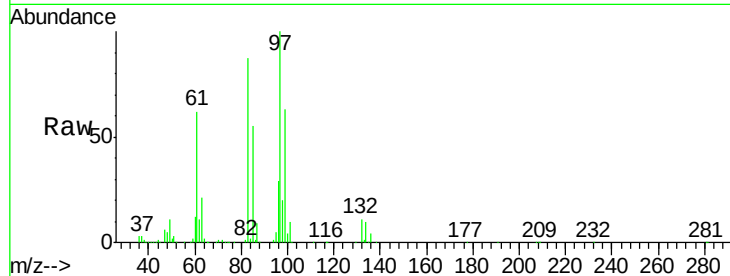
#55
 1,1,2-Trichloroethane
 Concen: 49.781 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	183338
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.9	104.9
85	55.6	44.5	66.7
99	63.3	50.6	76.0

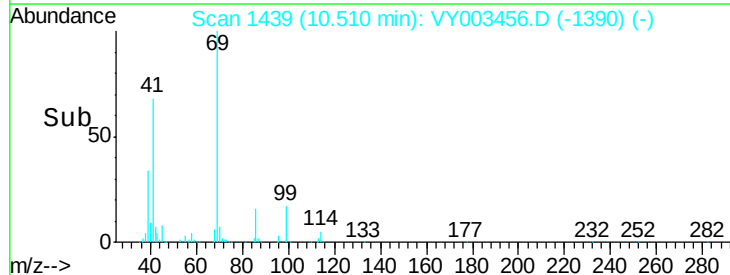
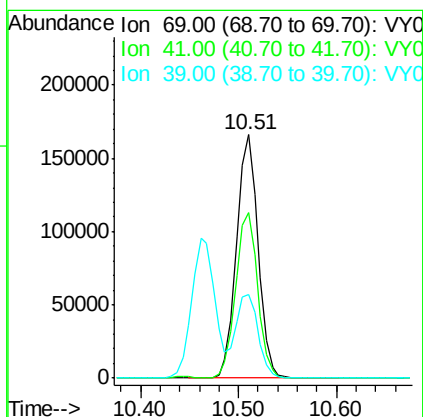
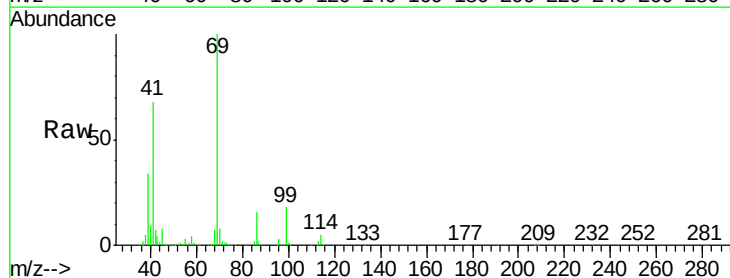
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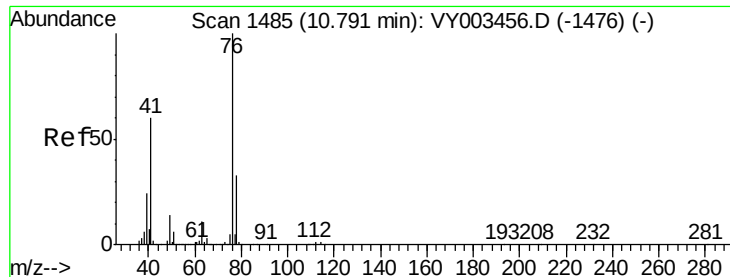
MMDadoda
 10/6/2020 12:55:40 PM



#56
 Ethyl methacrylate
 Concen: 49.967 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion:	69	Resp:	254592
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	36.0	28.8	43.2





#57

1,3-Dichloropropane

Concen: 49.933 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 320456

Ion Ratio Lower Upper

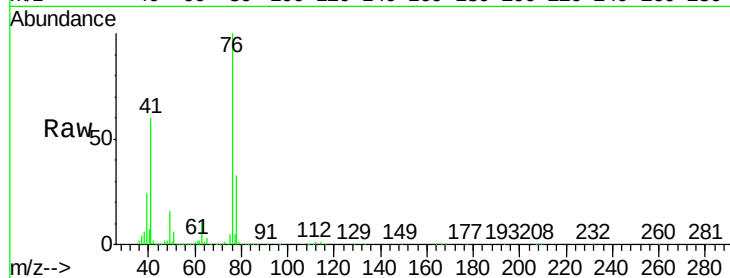
76 100

78 32.7 26.2 39.2

Manual Integrations
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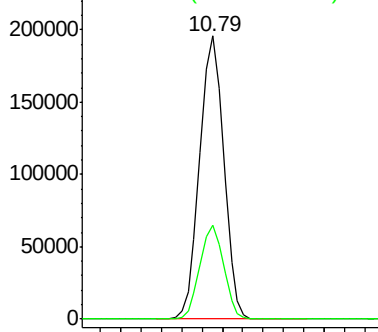
MMDadoda

10/6/2020 12:55:40 PM

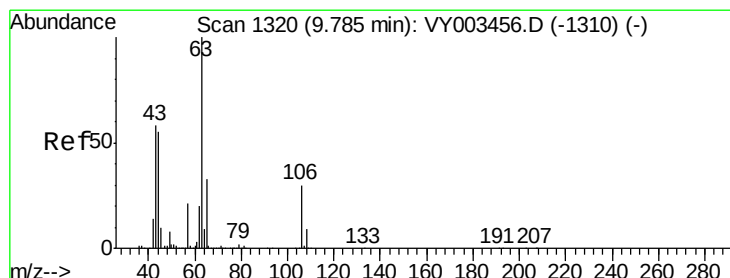
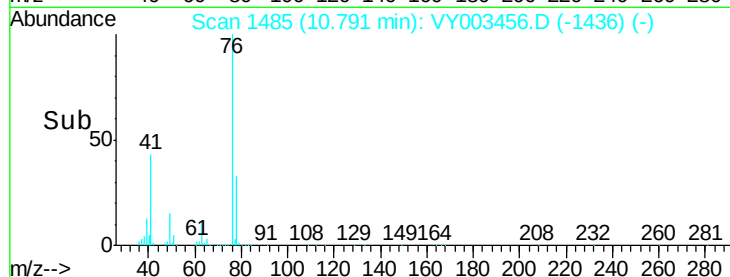


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 258.646 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003456.D

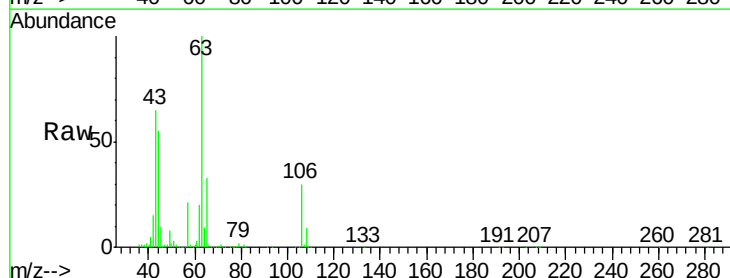
Acq: 05 Oct 2020 16:12

Tgt Ion: 63 Resp: 624609

Ion Ratio Lower Upper

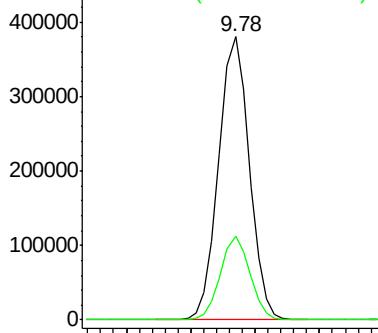
63 100

106 28.5 22.8 34.2

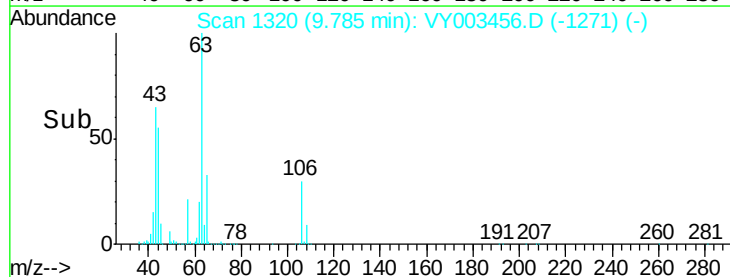


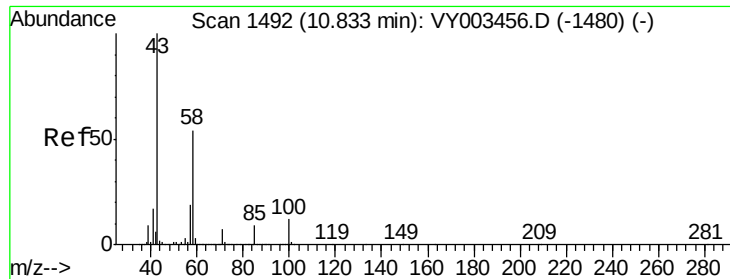
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->





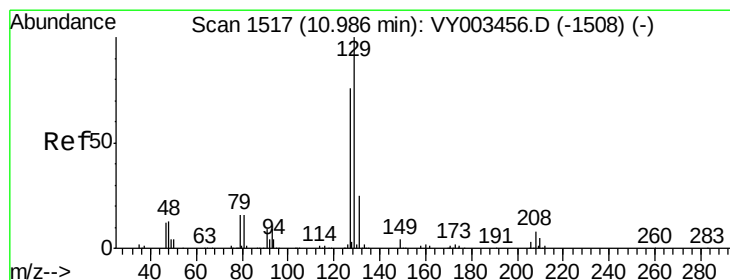
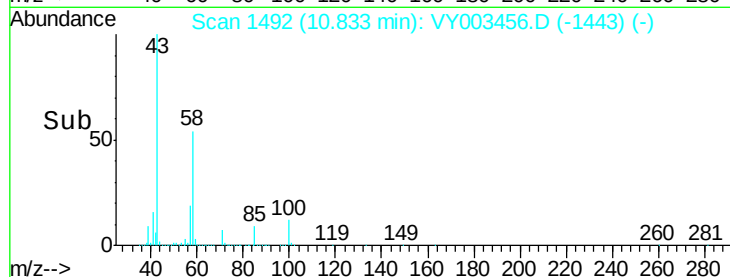
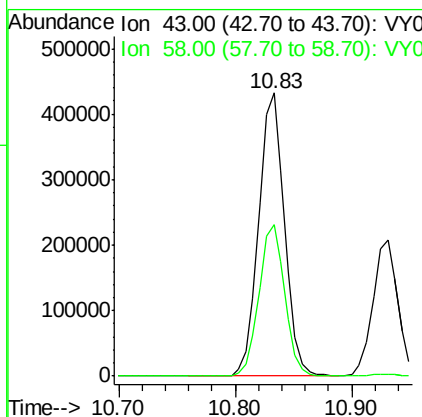
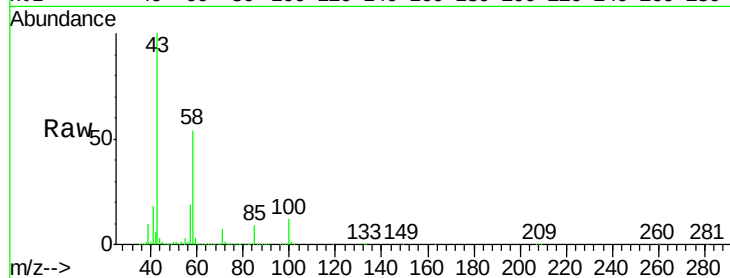
#59
2-Hexanone
Concen: 261.695 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 669025
Ion Ratio Lower Upper
43 100
58 53.5 26.8 80.3

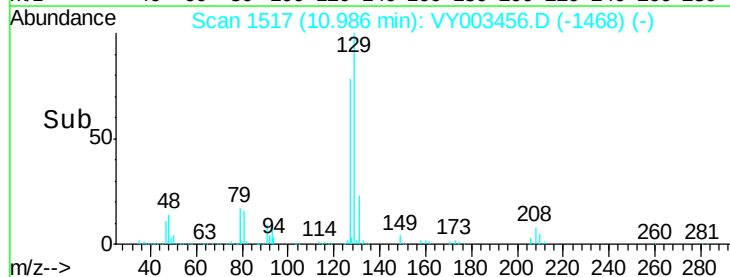
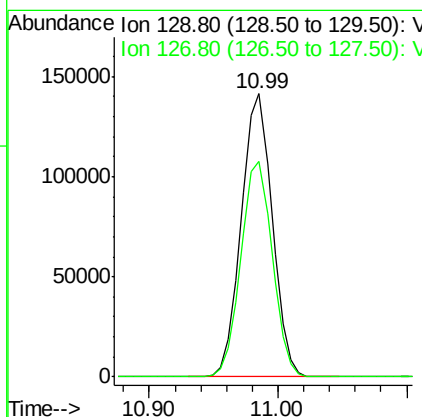
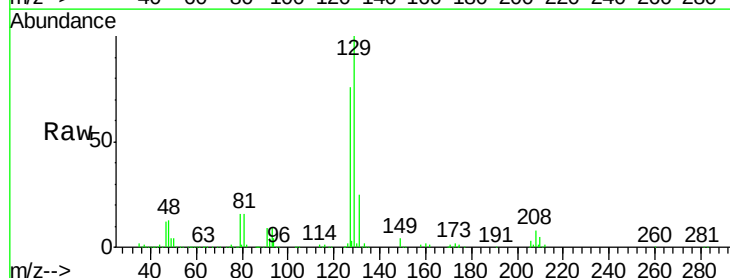
Manual Integrations
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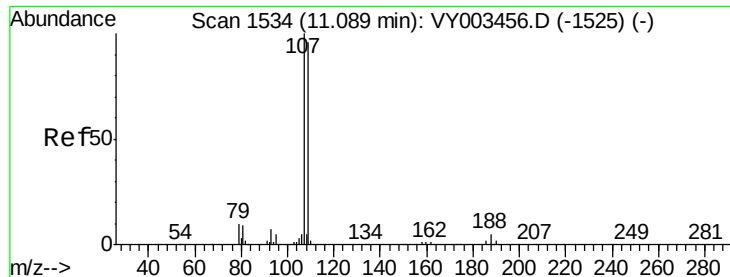
MMDadoda
10/6/2020 12:55:40 PM



#60
Dibromochloromethane
Concen: 50.679 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 129 Resp: 235015
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





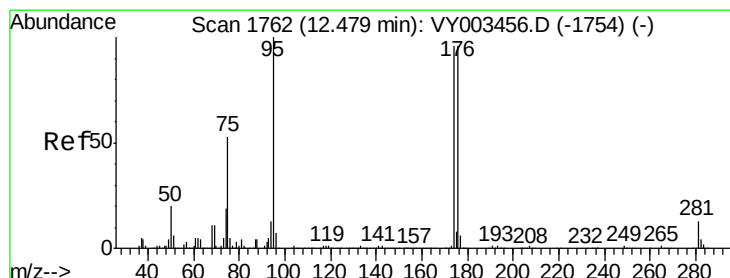
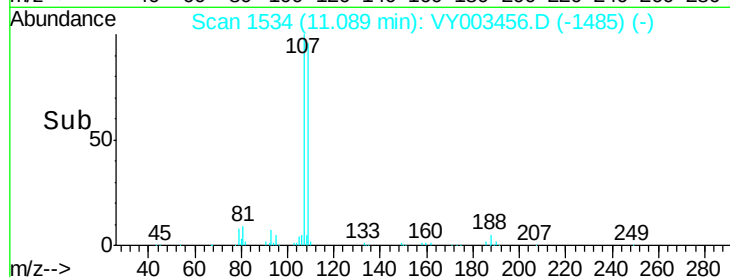
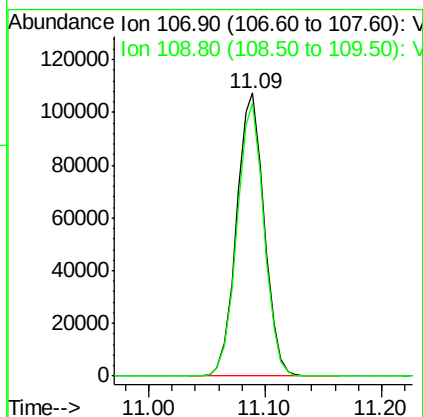
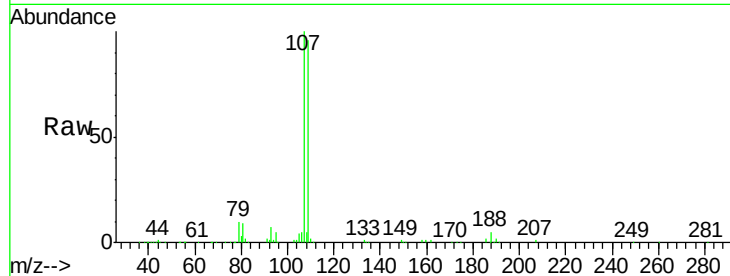
#61
 1,2-Dibromoethane
 Concen: 49.504 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.6	113.4

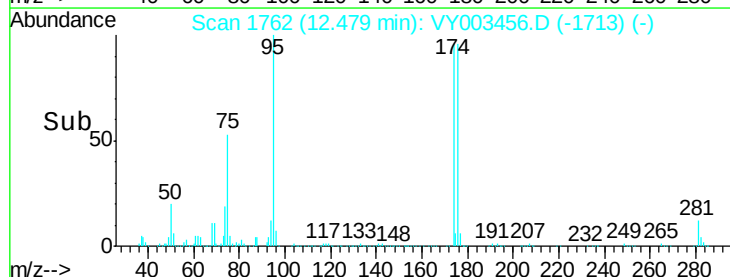
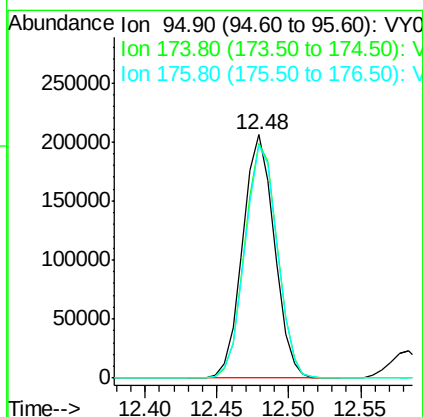
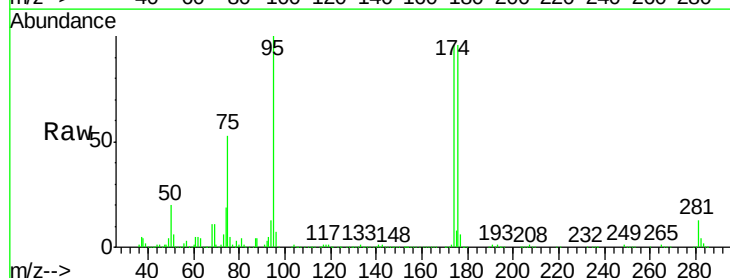
Manual Integrations
 APPROVED

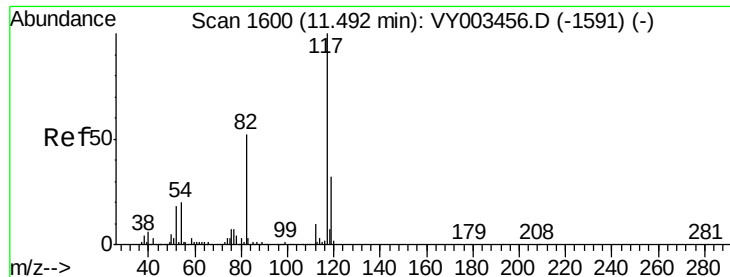
MMDadoda
 10/6/2020 12:55:40 PM



#62
 4-Bromofluorobenzene
 Concen: 57.528 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.5	0.0	197.0
176	96.8	0.0	193.6





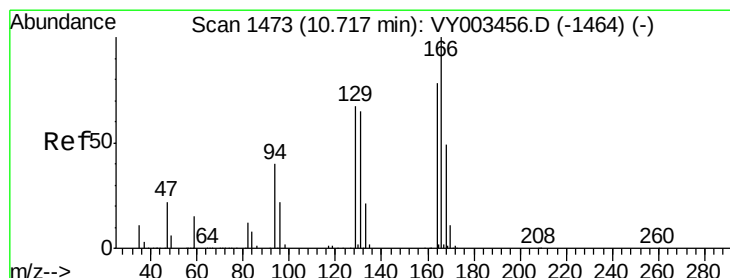
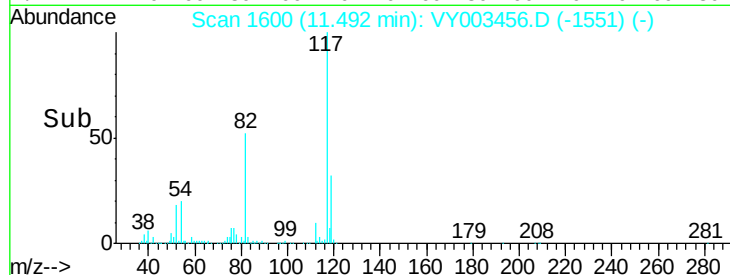
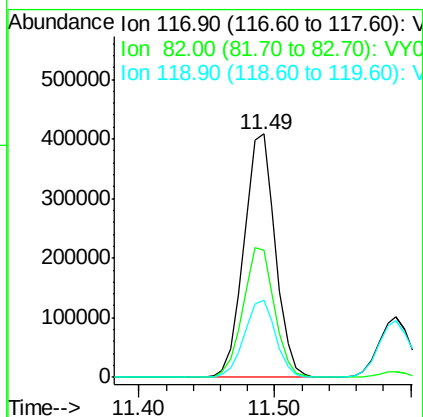
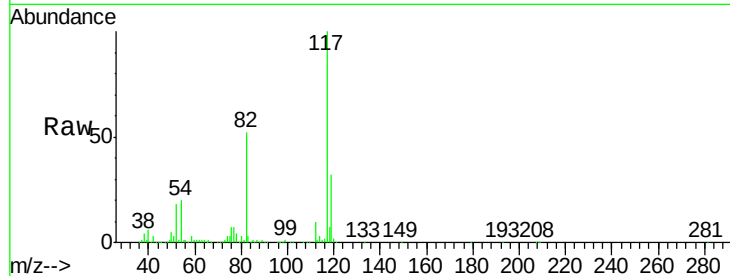
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.7	62.5
119	31.6	25.3	37.9

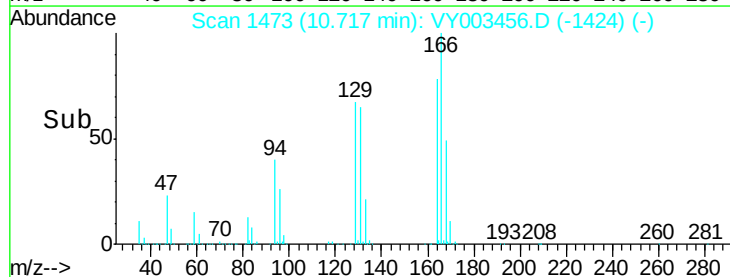
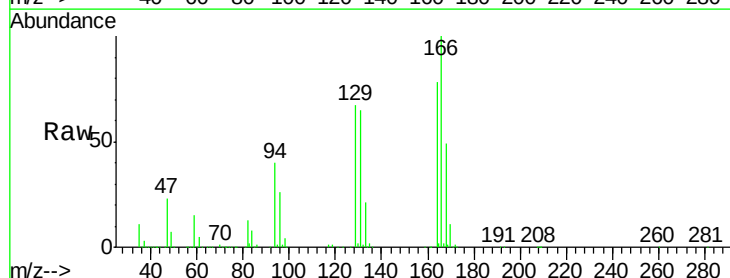
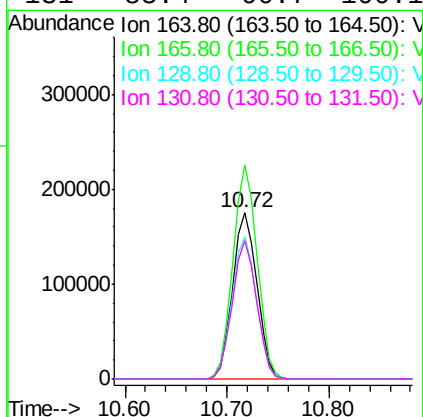
Manual Integrations
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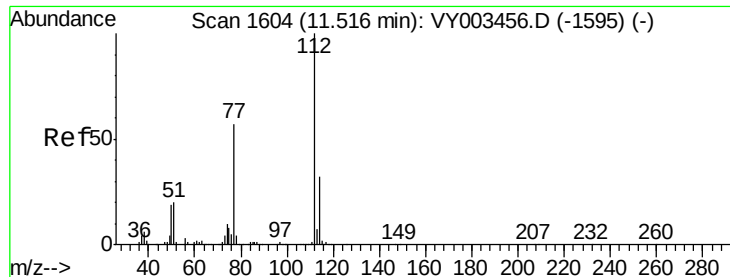
MMDadoda
10/6/2020 12:55:40 PM



#64
Tetrachloroethene
Concen: 51.978 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	103.0	154.6
129	86.1	68.9	103.3
131	83.4	66.7	100.1





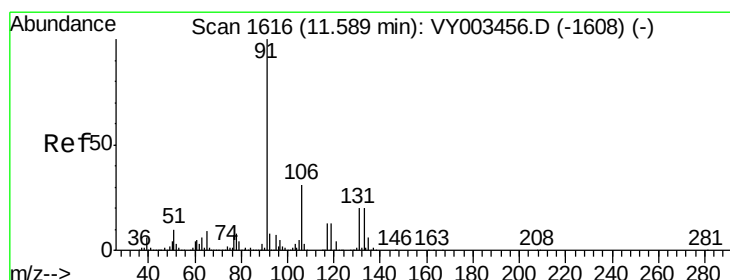
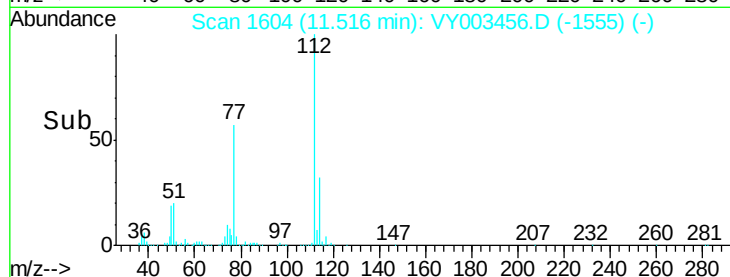
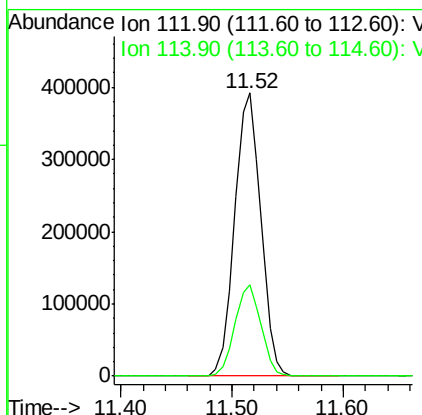
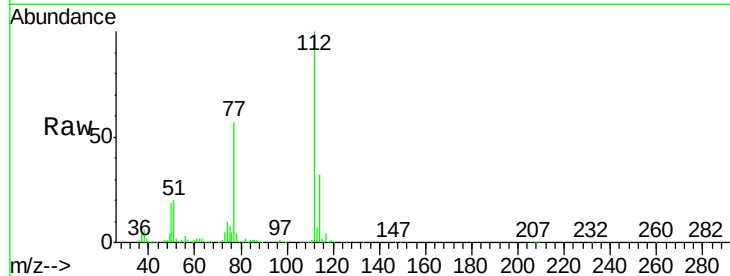
#65
Chlorobenzene
Concen: 49.615 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 636528
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

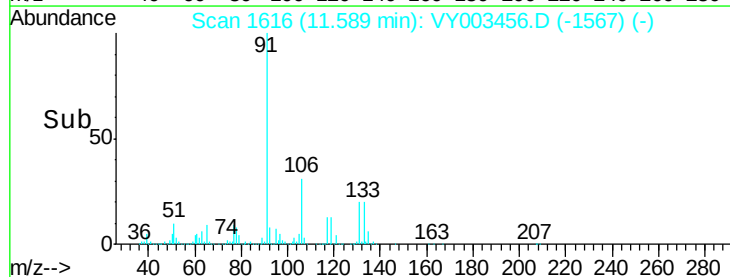
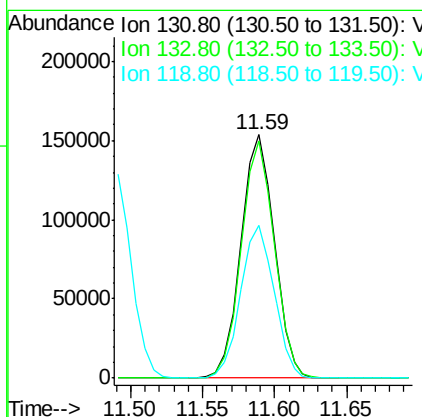
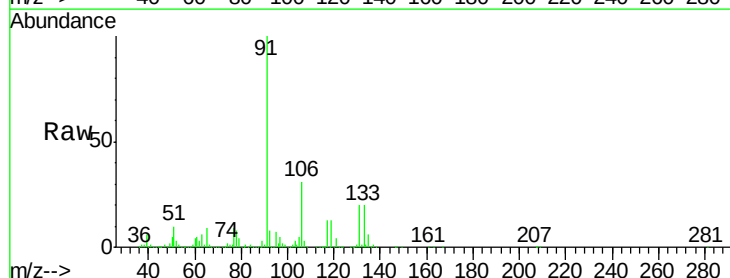
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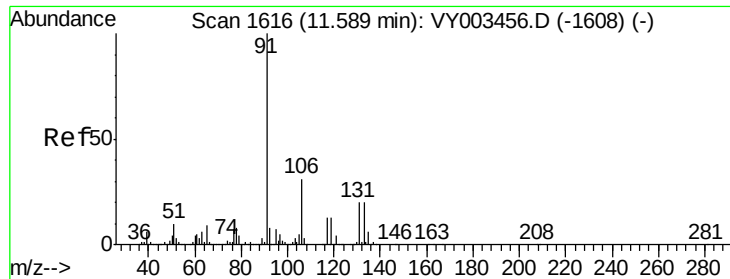
MMDadoda
10/6/2020 12:55:40 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.596 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion:131 Resp: 247398
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.8
119 63.0 31.5 94.5





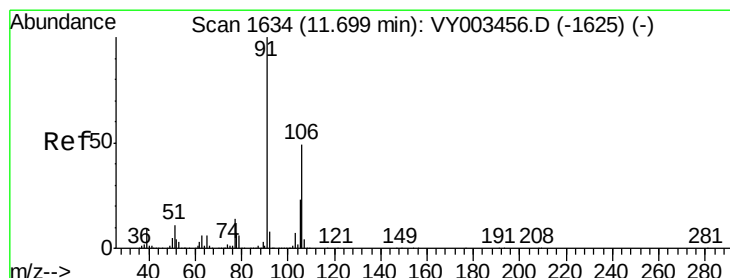
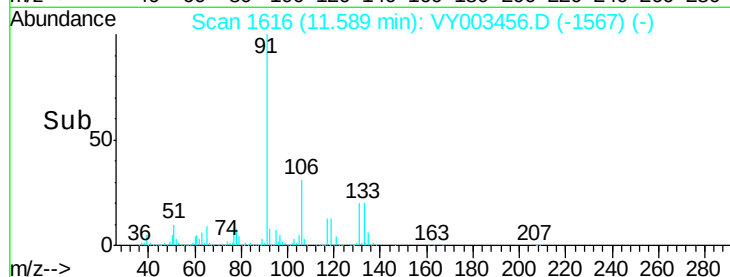
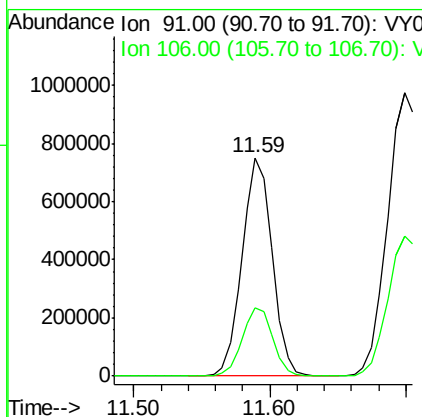
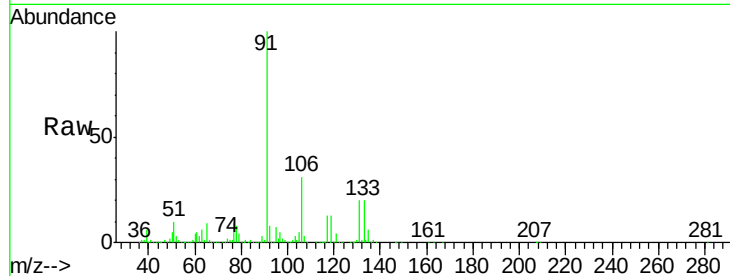
#67
Ethyl Benzene
Concen: 50.217 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1161203
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

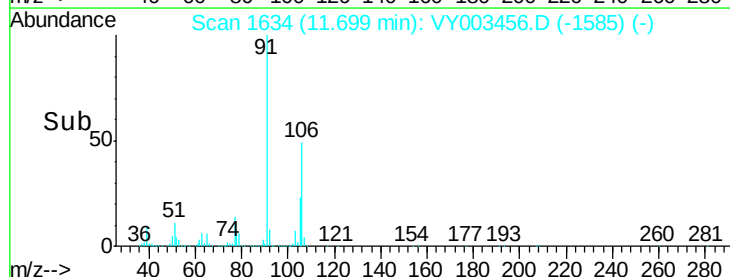
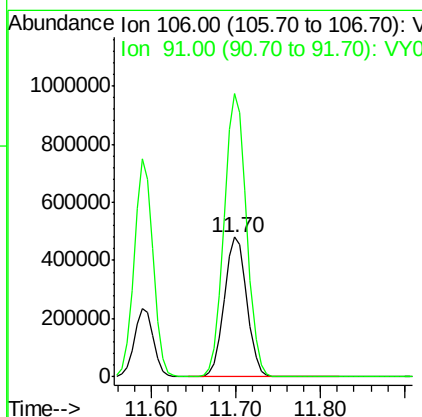
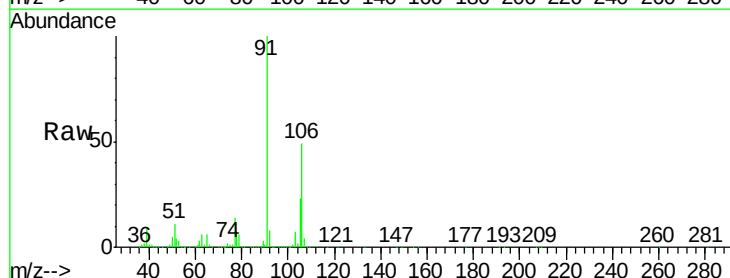
Manual Integrations
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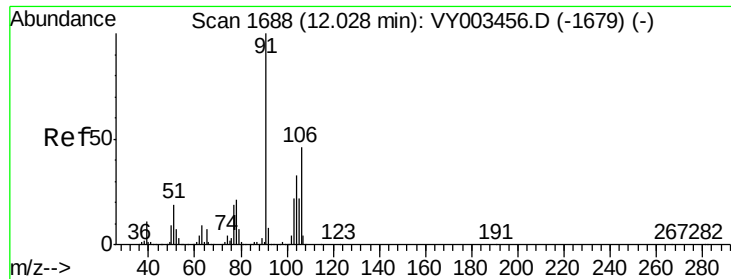
MMDadoda
10/6/2020 12:55:40 PM



#68
m/p-Xylenes
Concen: 100.953 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 106 Resp: 882032
Ion Ratio Lower Upper
106 100
91 201.1 160.9 241.3





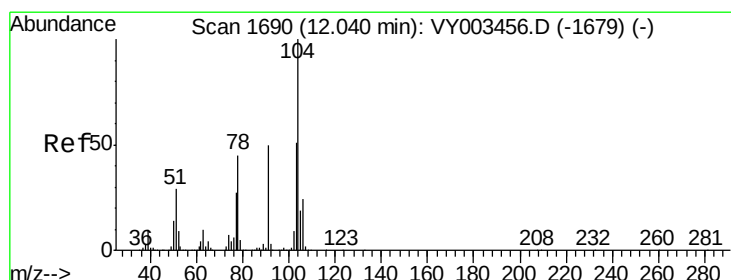
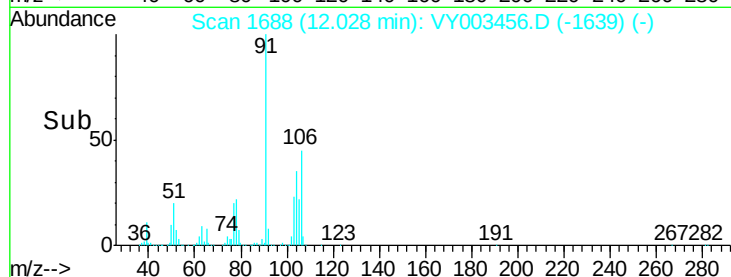
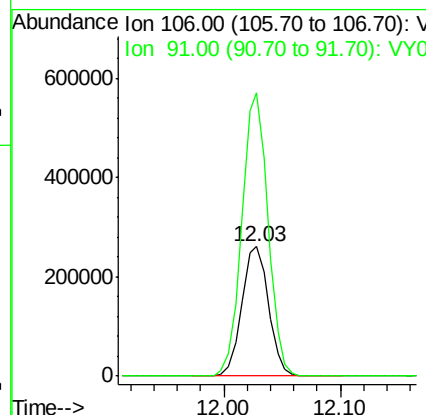
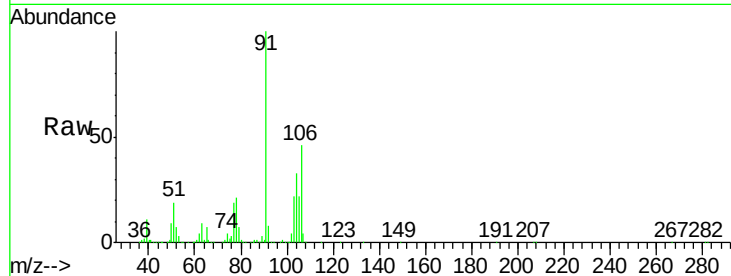
#69
o-Xylene
Concen: 50.980 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.6	106.8	320.4	

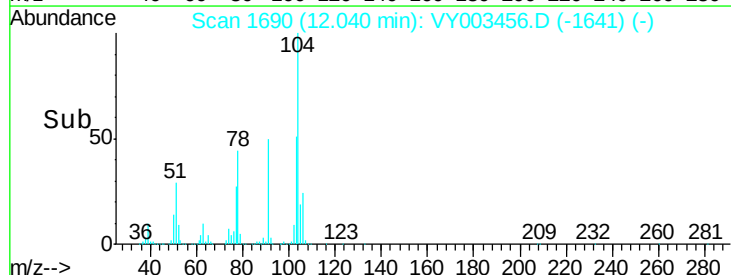
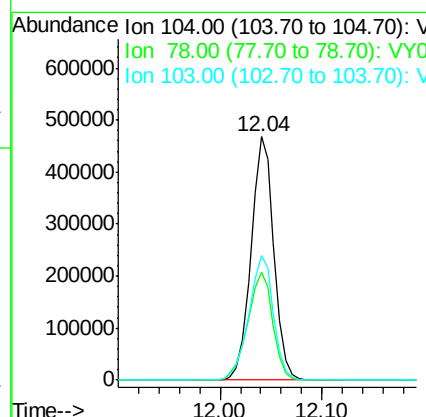
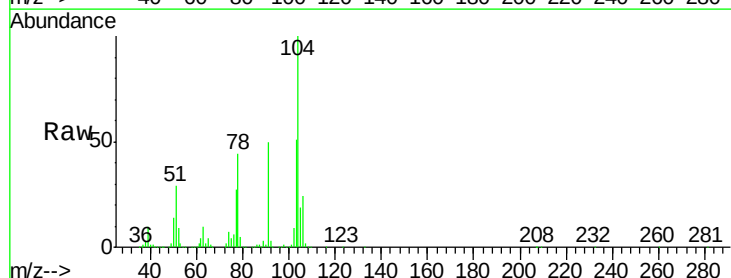
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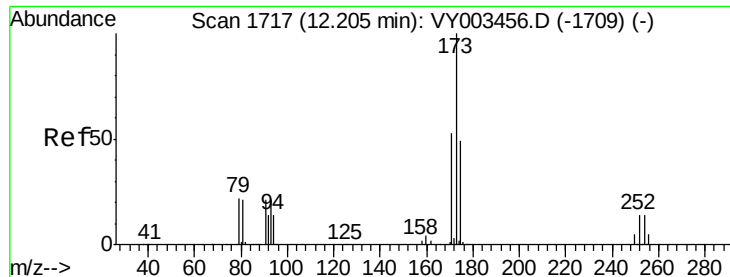
MMDadoda
10/6/2020 12:55:40 PM



#70
Styrene
Concen: 51.776 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.8	39.0	58.6	
103	55.3	44.2	66.4	





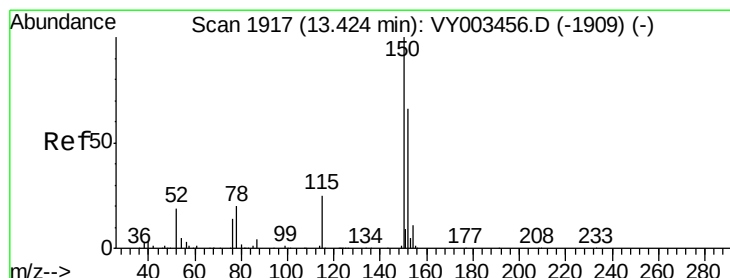
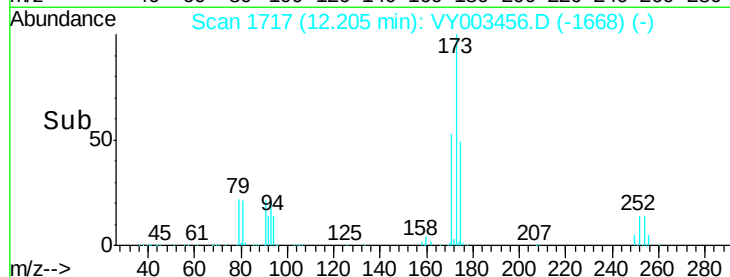
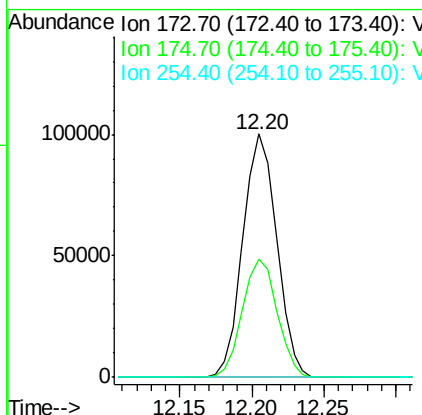
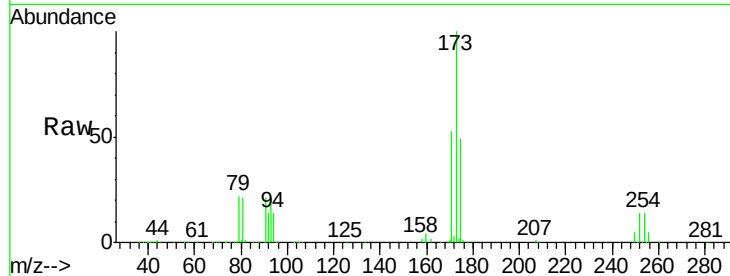
#71
Bromoform
Concen: 50.248 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.9	74.7
254	0.3	0.2	0.4

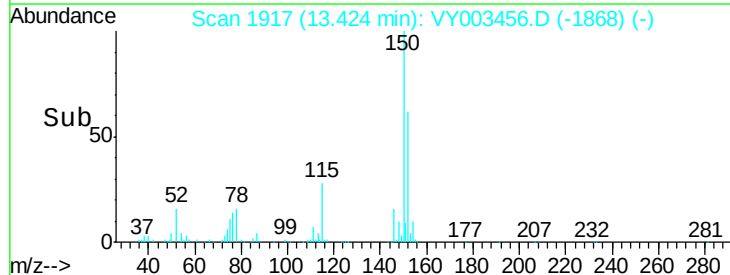
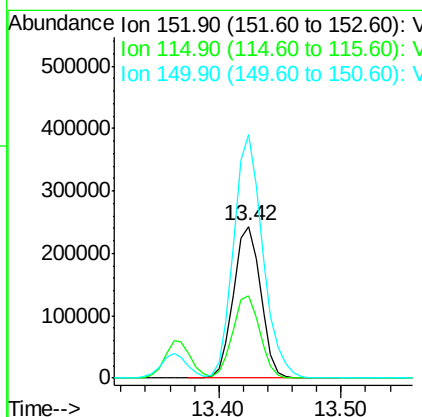
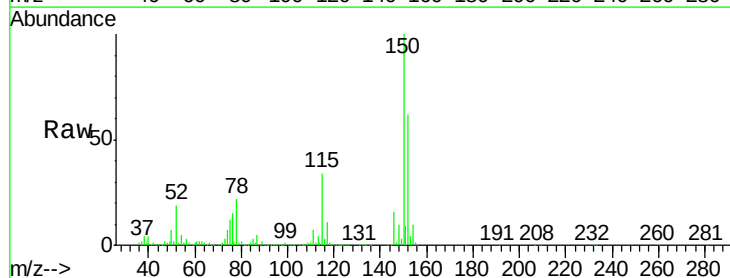
Manual Integrations
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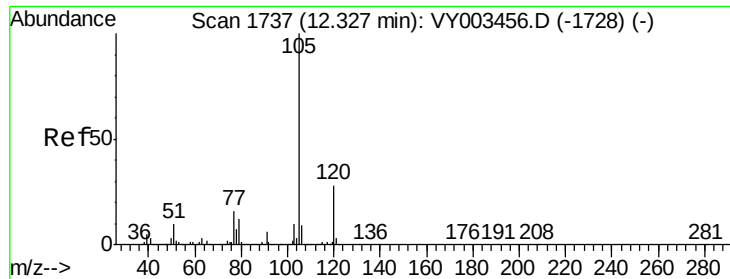
MMDadoda
10/6/2020 12:55:40 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.0	80.8
150	171.8	0.0	343.6





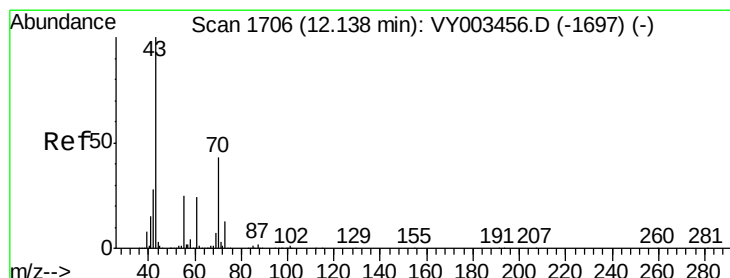
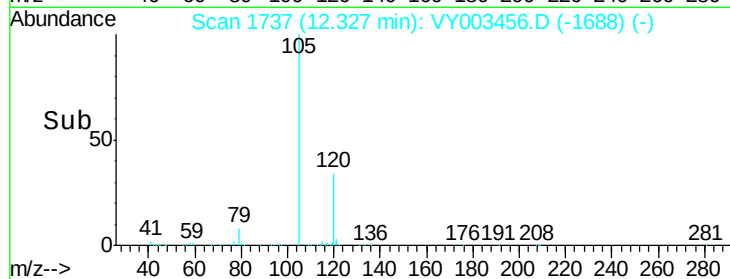
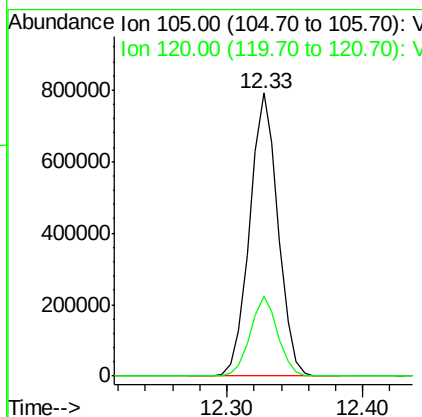
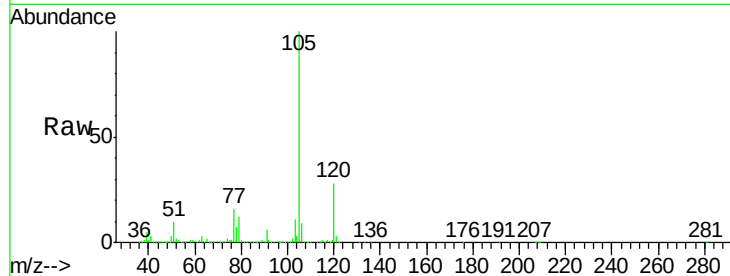
#73
Isopropylbenzene
Concen: 48.520 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:105 Resp: 1154941
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0

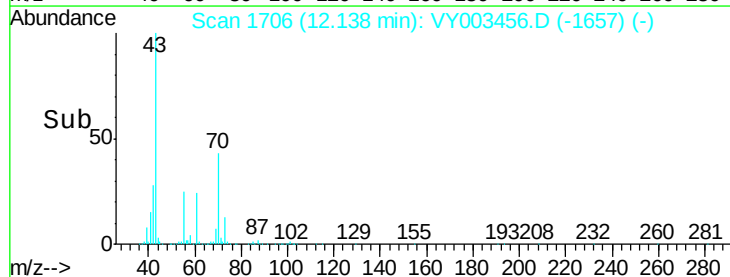
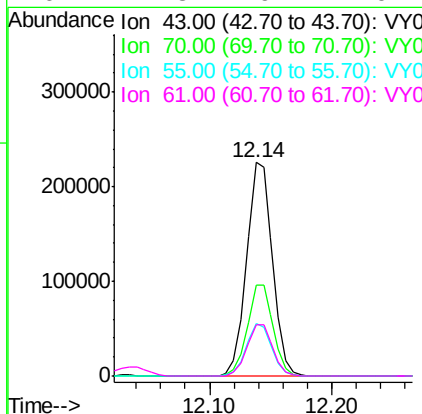
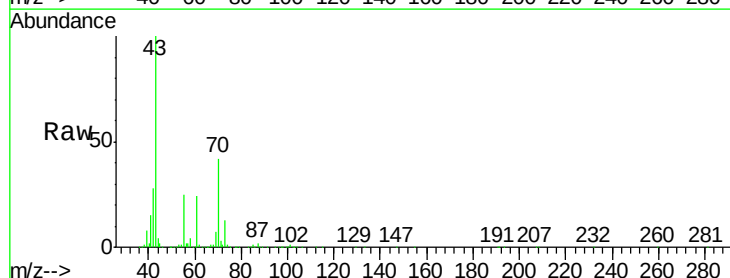
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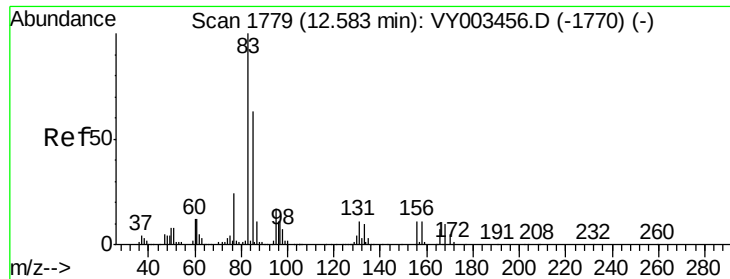
MMDadoda
10/6/2020 12:55:40 PM



#74
N-ethyl acetate
Concen: 47.204 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 43 Resp: 330105
Ion Ratio Lower Upper
43 100
70 42.5 34.0 51.0
55 24.4 19.5 29.3
61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.955 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

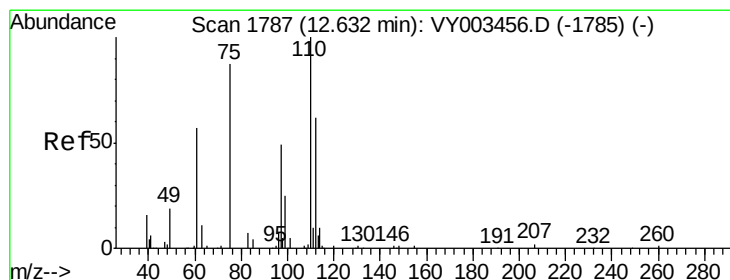
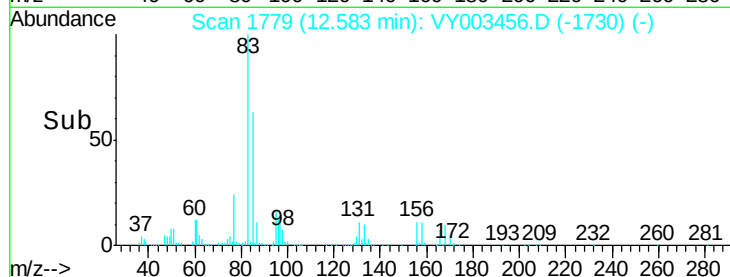
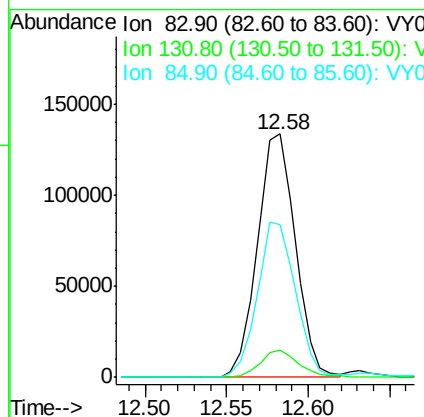
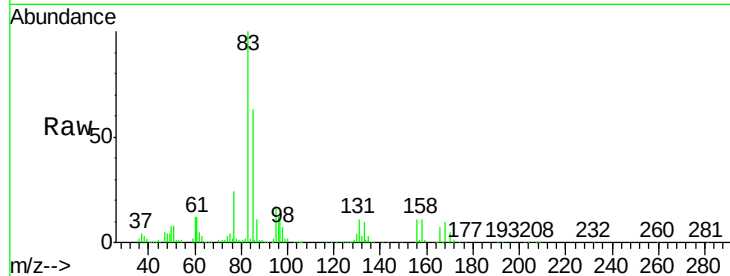
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	215711
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	64.0	32.0	96.0

Manual Integrations
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MMDadoda
10/6/2020 12:55:40 PM



#76

1,2,3-Trichloropropane

Concen: 47.443 ug/l m

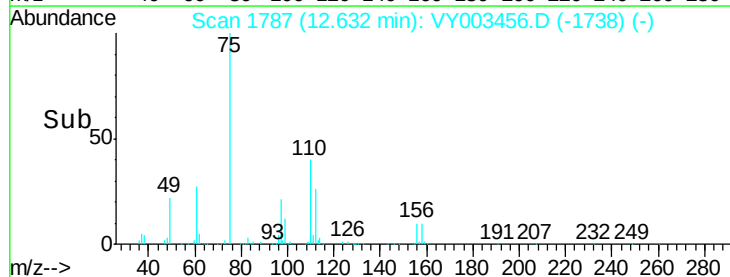
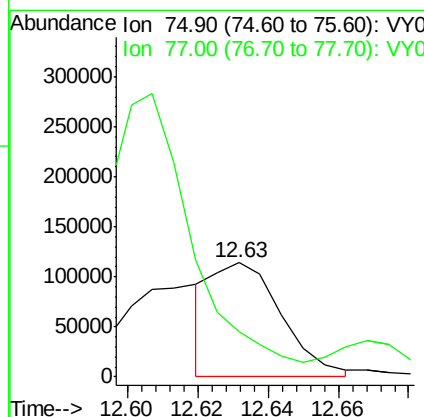
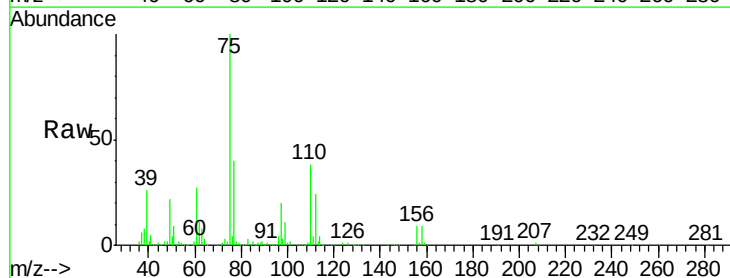
RT: 12.63 min Scan# 1787

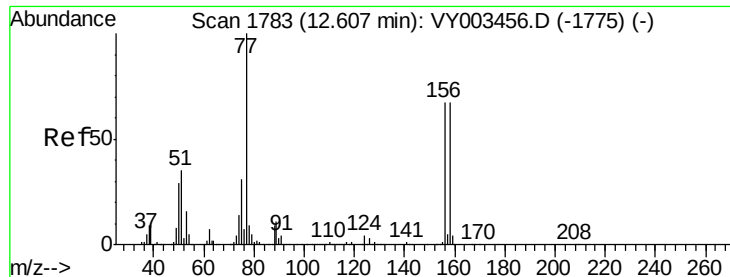
Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Tgt Ion:	75	Resp:	157417
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.087 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

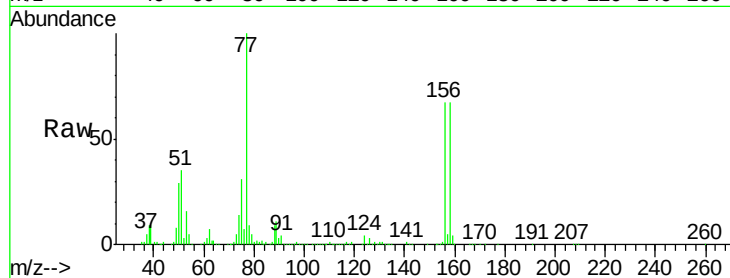
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	298252
Ion Ratio	Lower	Upper	
156	100		
77	168.9	84.5	253.4
158	98.8	49.4	148.2

Manual Integrations
APPROVED

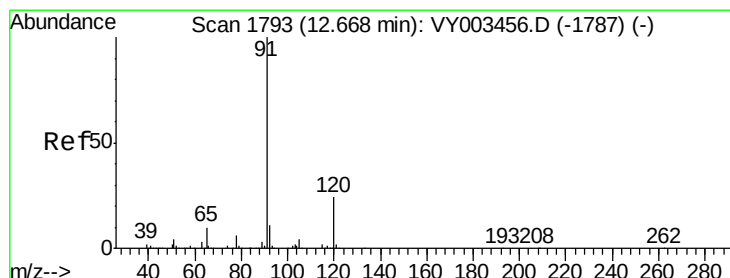
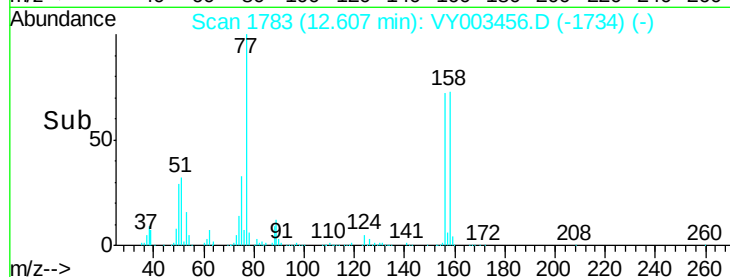
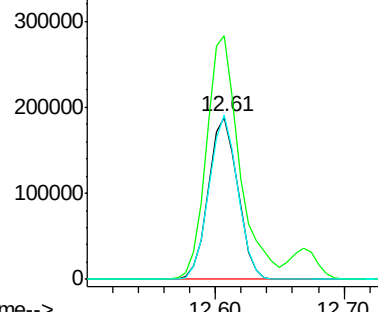
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.262 ug/l

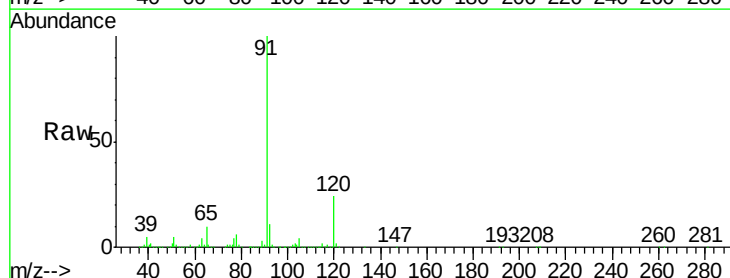
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003456.D

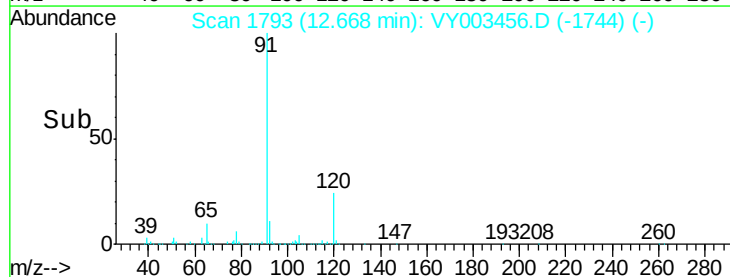
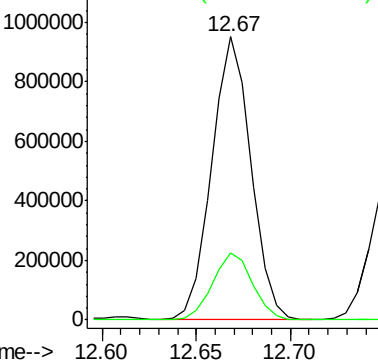
Acq: 05 Oct 2020 16:12

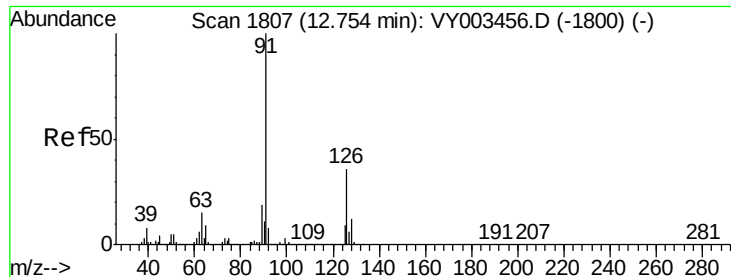
Tgt Ion:	91	Resp:	1371235
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.412 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 765983

Ion Ratio Lower Upper

91 100

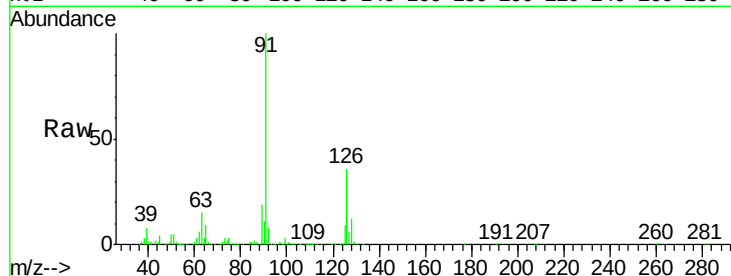
126 35.5 17.8 53.3

Manual Integrations

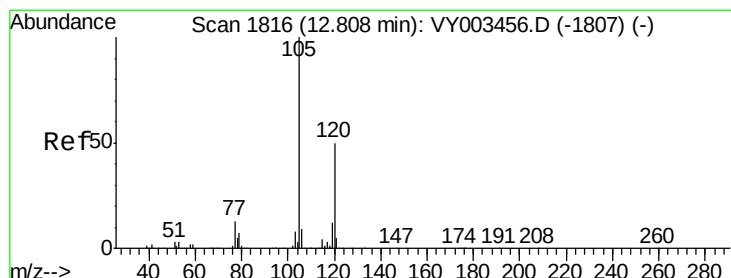
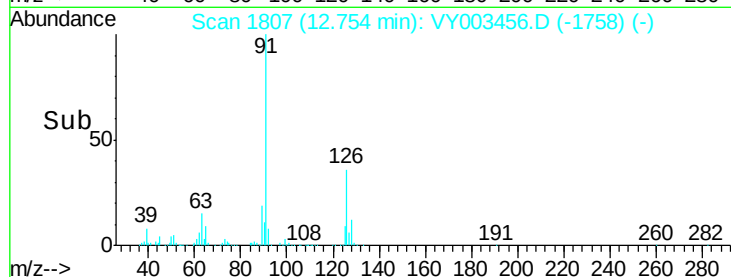
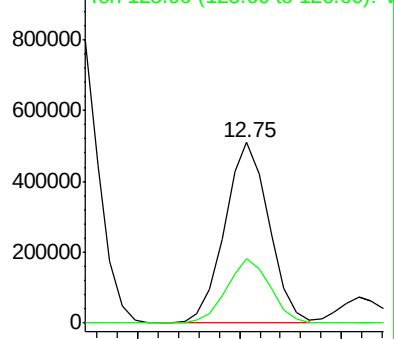
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Abundance Ion 91.00 (90.70 to 91.70): VY003456.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.727 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003456.D

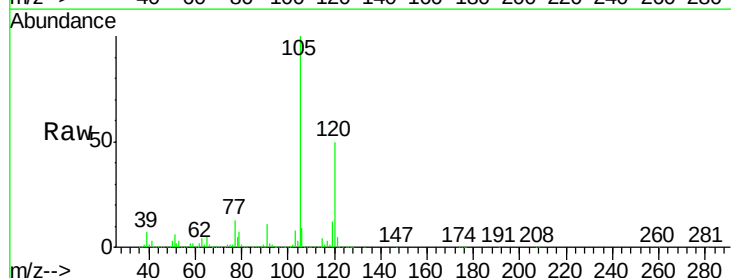
Acq: 05 Oct 2020 16:12

Tgt Ion: 105 Resp: 998076

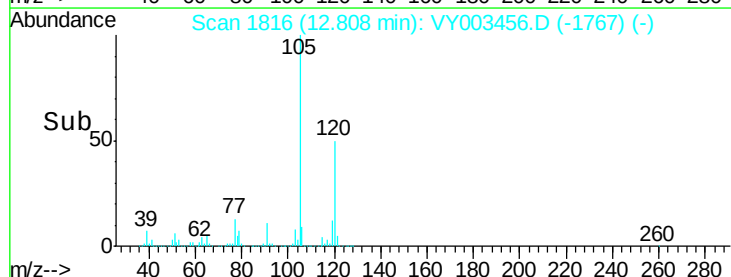
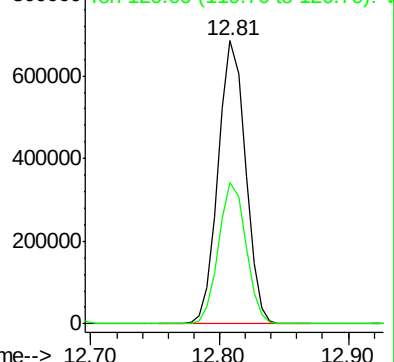
Ion Ratio Lower Upper

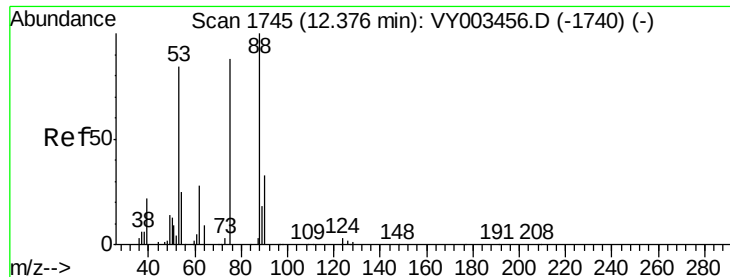
105 100

120 50.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VY003456.D (-1807) (-)





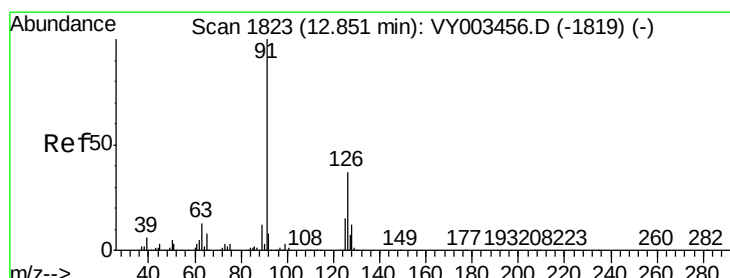
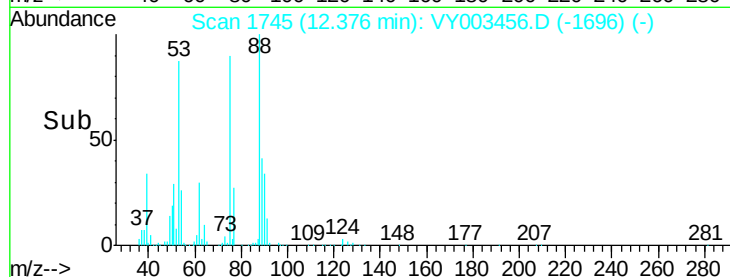
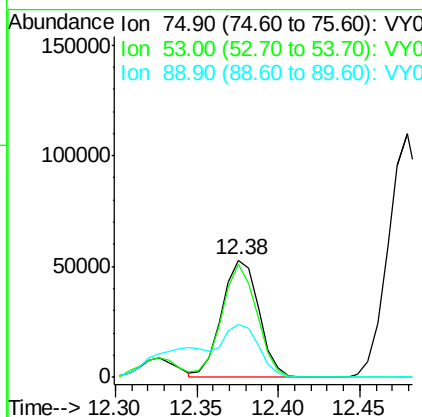
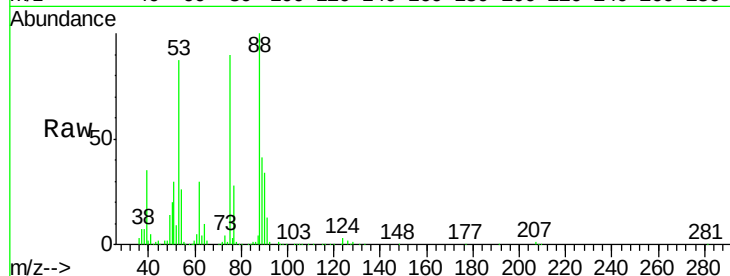
#81
trans-1,4-Dichloro-2-butene
Concen: 47.475 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.7	74.2	111.2
89	45.3	36.2	54.4

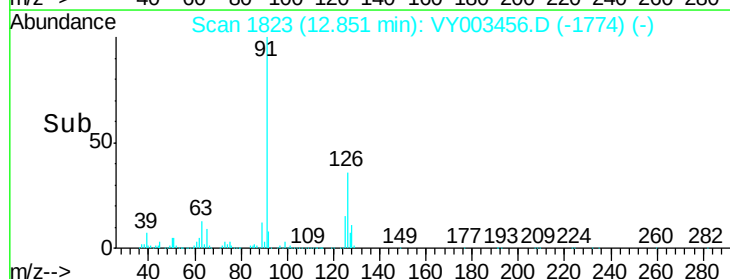
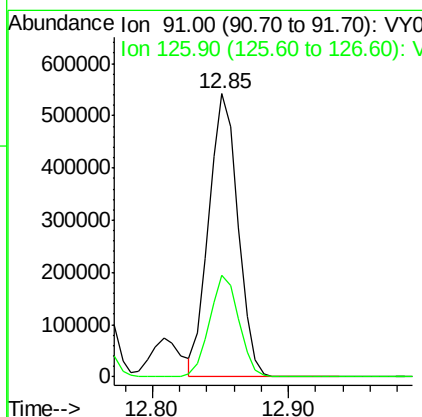
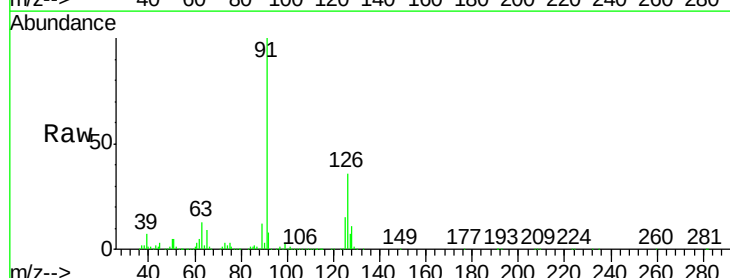
Manual Integrations
APPROVED

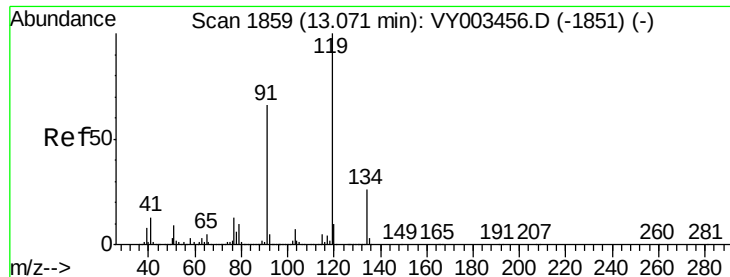
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.884 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	18.1	54.4





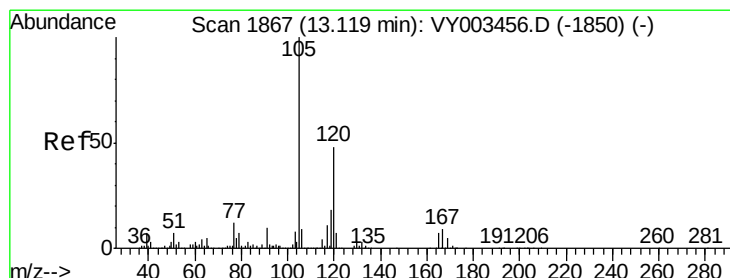
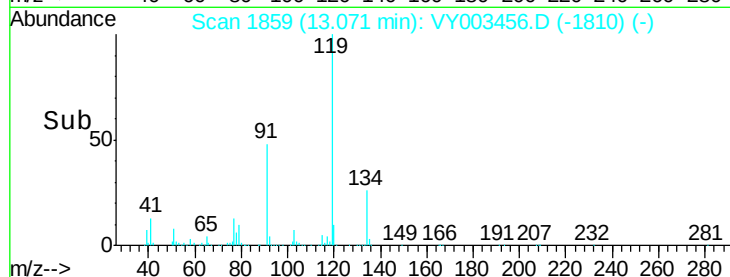
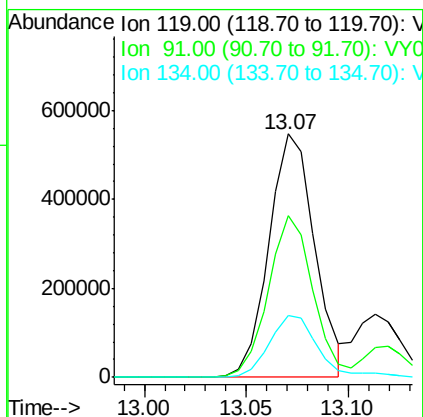
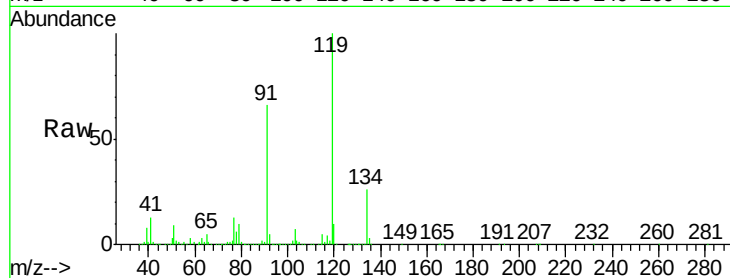
#83
 tert-Butylbenzene
 Concen: 49.228 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.9	32.5	97.4
134	27.2	13.6	40.8

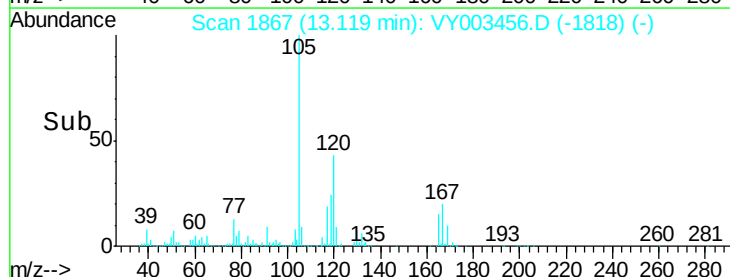
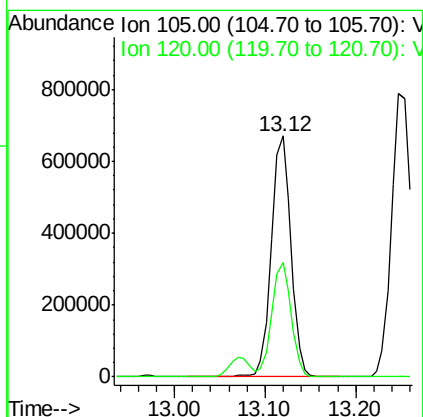
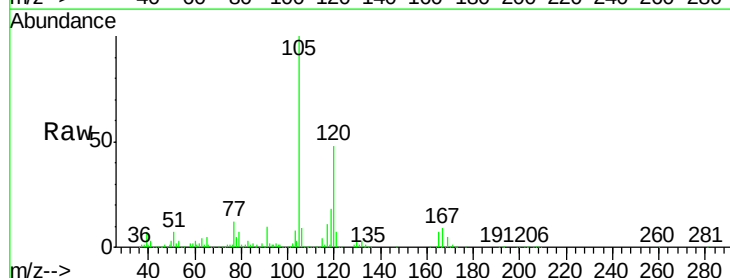
Manual Integrations
 APPROVED

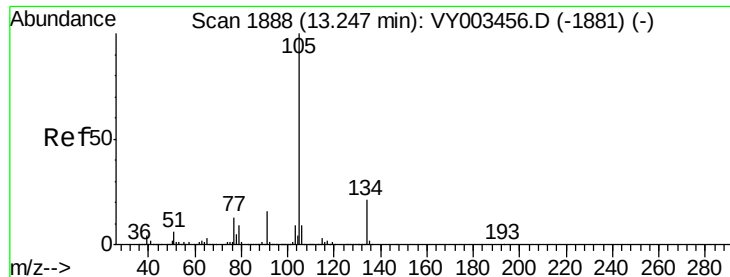
MMDadoda
 10/6/2020 12:55:40 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.780 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.5	70.5





#85

sec-Butylbenzene

Concen: 49.677 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1201367

Ion Ratio Lower Upper

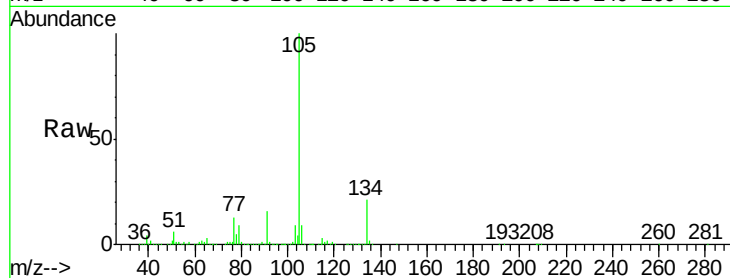
105 100

134 21.2 10.6 31.8

Manual Integrations
APPROVED

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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

800000

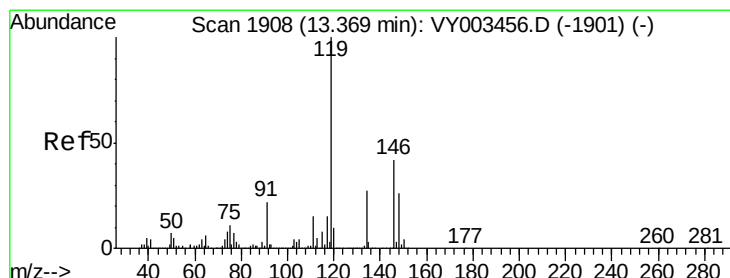
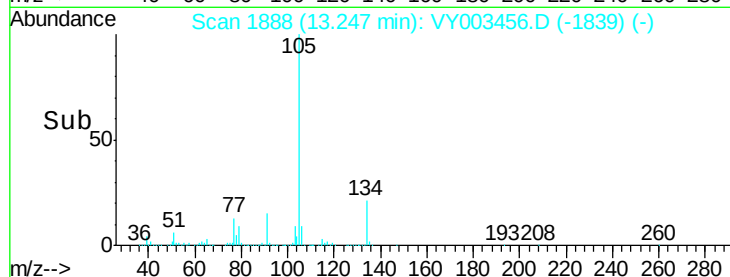
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.742 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

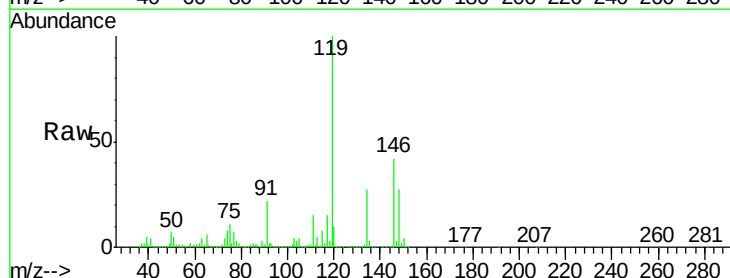
Tgt Ion:119 Resp: 1152240

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.8 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

1000000

800000

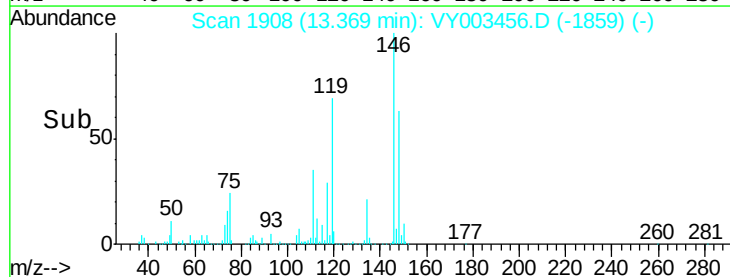
600000

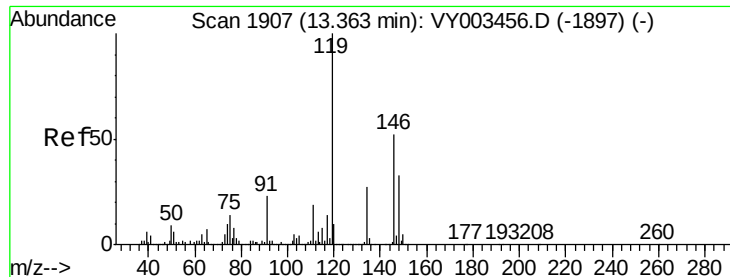
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.010 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

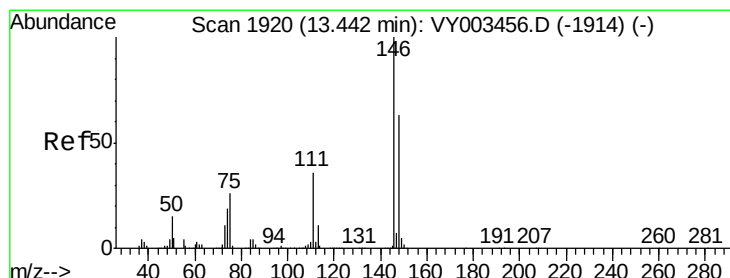
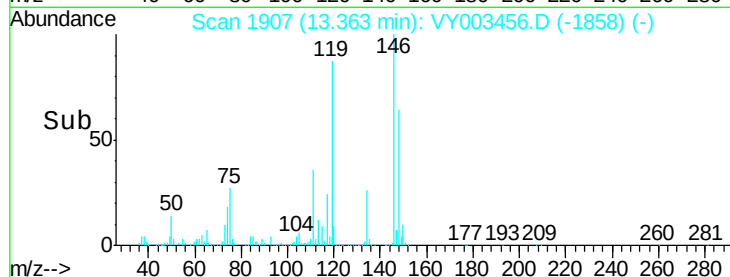
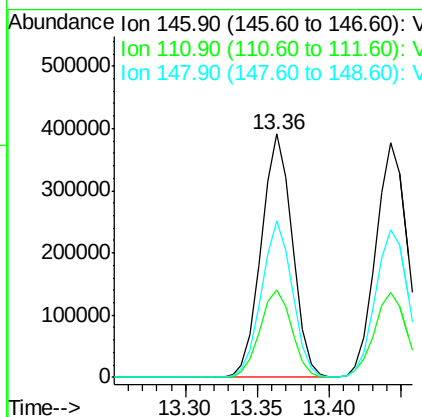
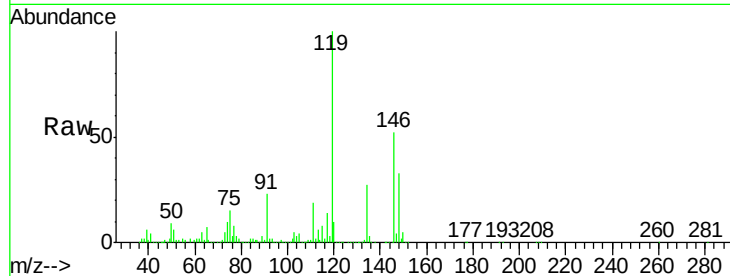
Instrument :
MSVOA_Y

ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	63.7	31.9	95.5

Manual Integrations
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10/6/2020 12:55:40 PM



#88

1,4-Dichlorobenzene

Concen: 49.677 ug/l

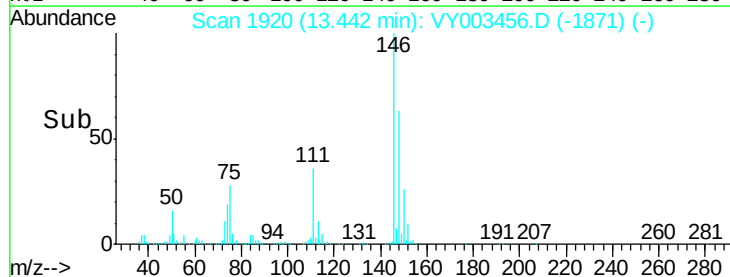
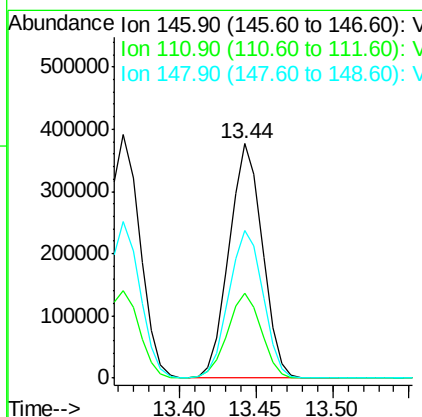
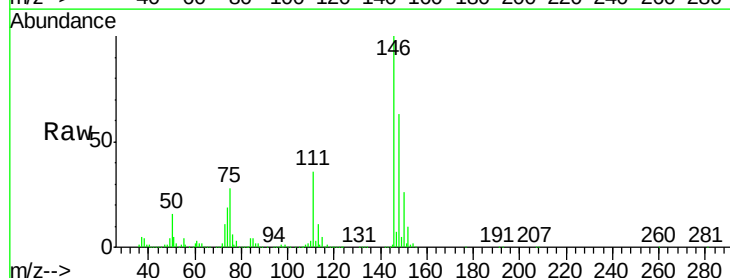
RT: 13.44 min Scan# 1920

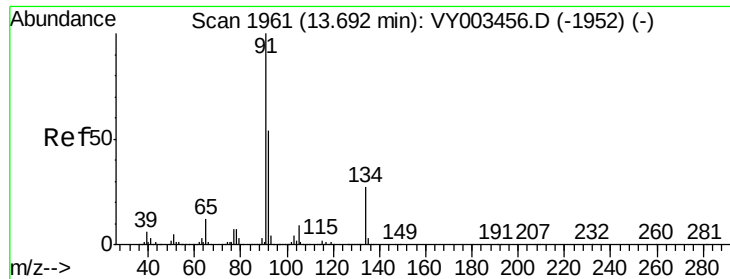
Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	64.7	32.4	97.0





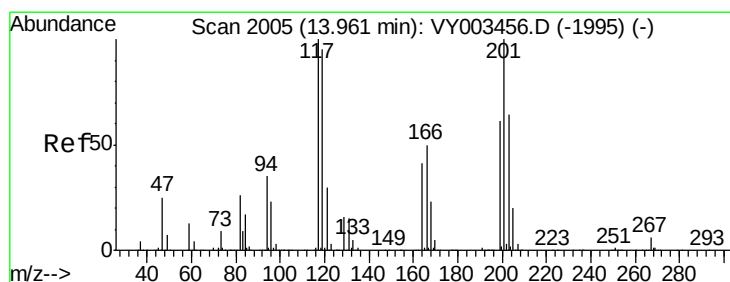
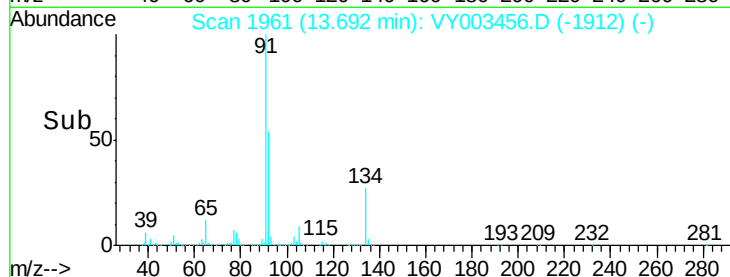
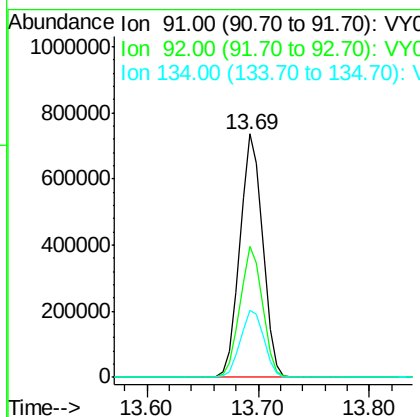
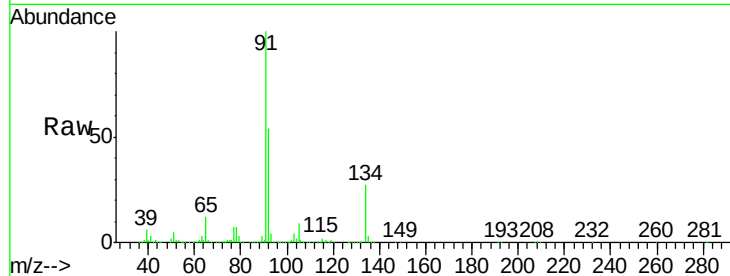
#89
n-Butylbenzene
Concen: 48.933 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	28.3	14.1	42.4

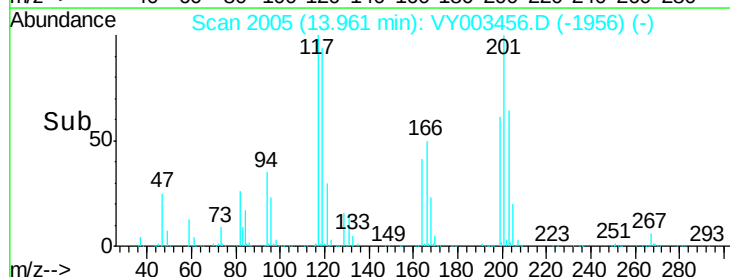
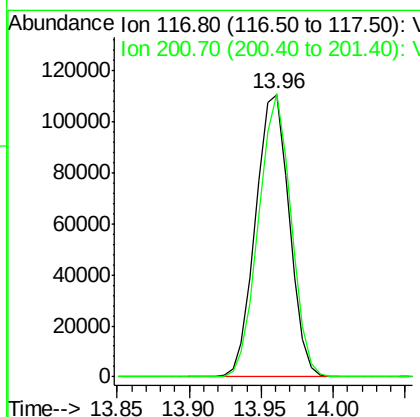
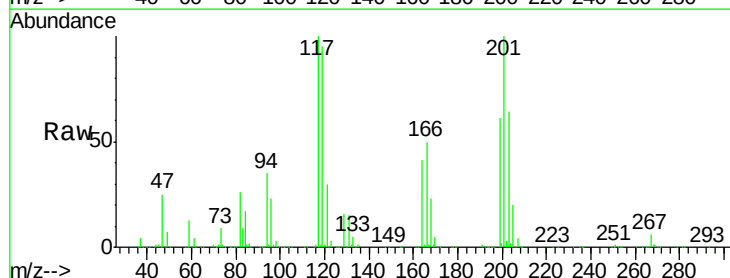
Manual Integrations
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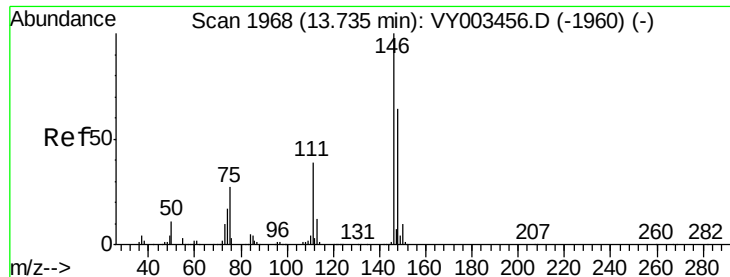
MMDadoda
10/6/2020 12:55:40 PM



#90
Hexachloroethane
Concen: 42.449 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.5	48.3	144.8





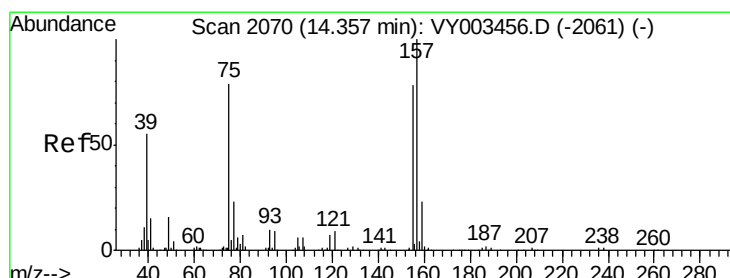
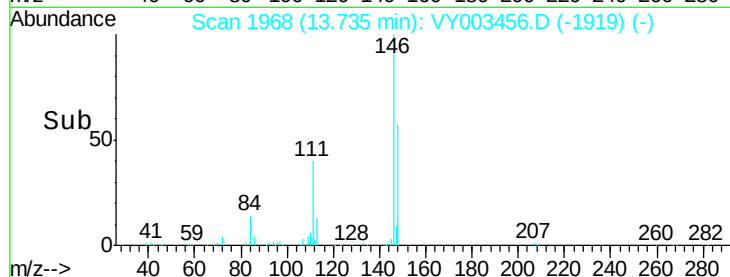
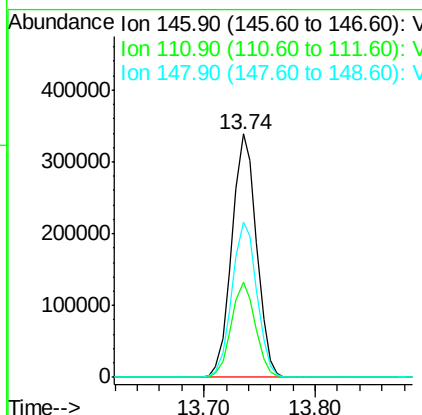
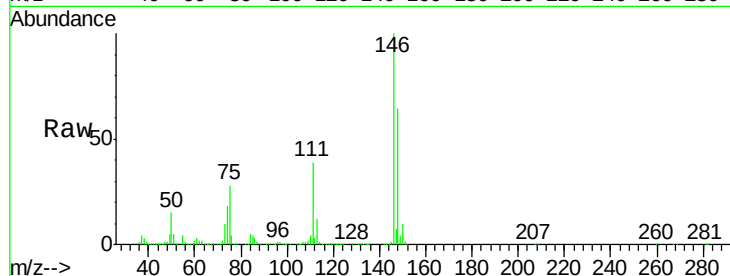
#91
 1,2-Dichlorobenzene
 Concen: 50.508 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	64.2	32.1	96.3

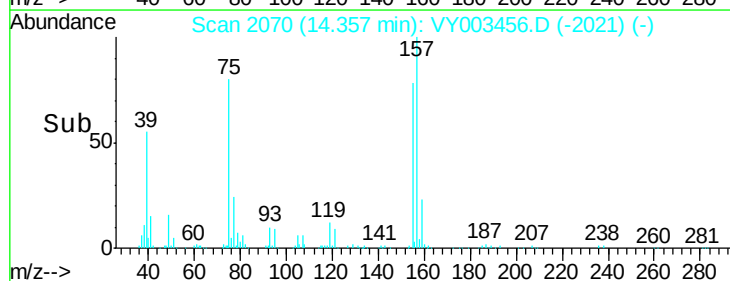
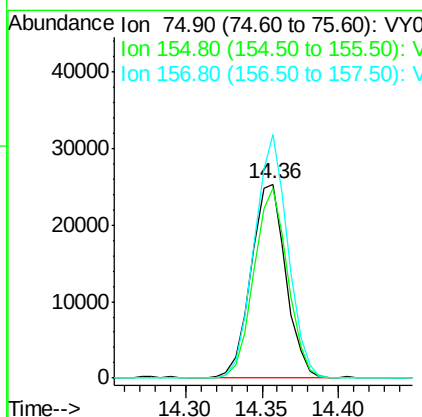
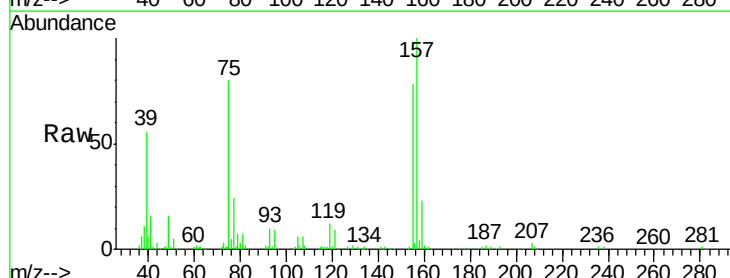
Manual Integrations
 APPROVED

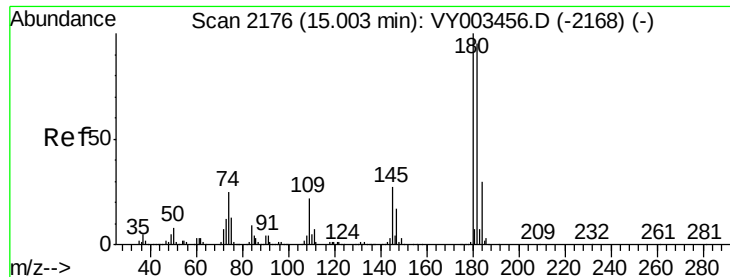
MMDadoda
 10/6/2020 12:55:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.413 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.5	47.8	143.3
157	121.6	60.8	182.4





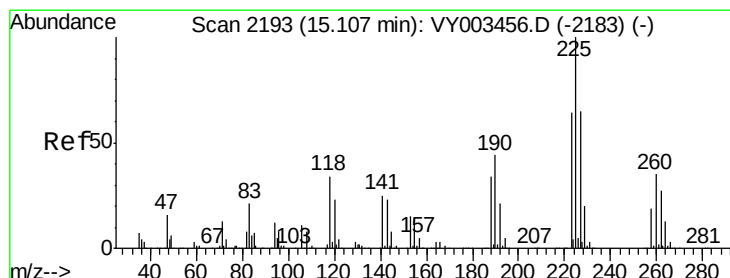
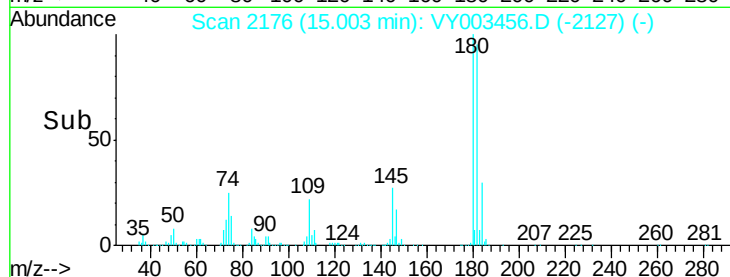
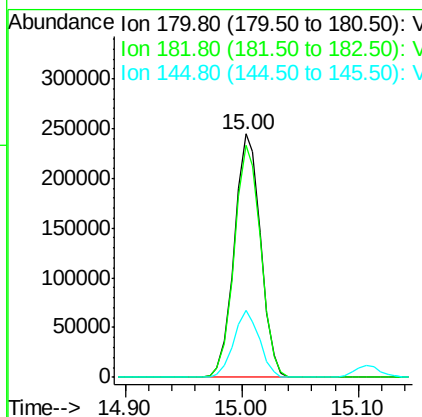
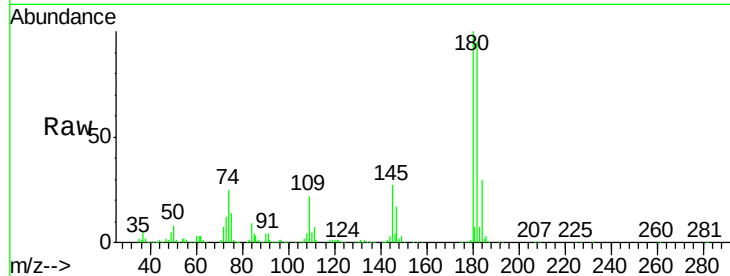
#93
 1,2,4-Trichlorobenzene
 Concen: 52.292 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	383555		
182	96.0	48.0	144.0	
145	27.0	13.5	40.5	

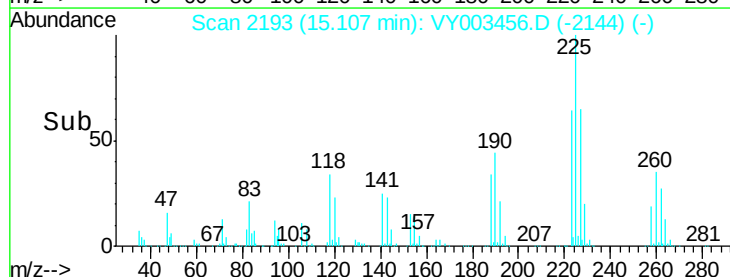
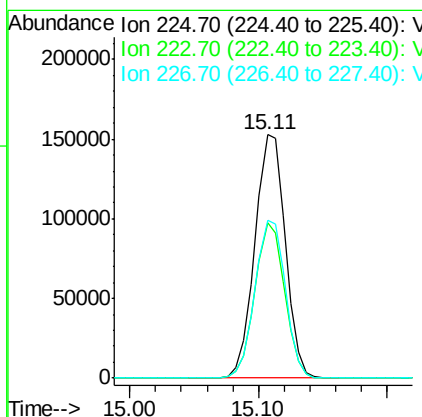
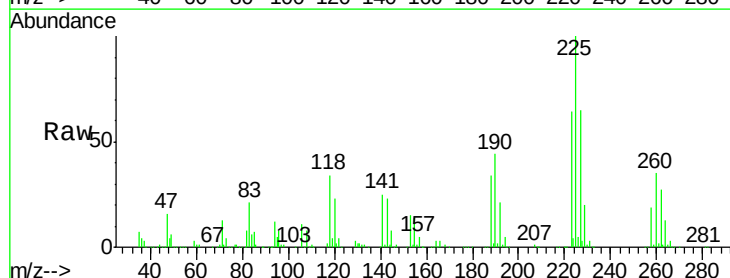
Manual Integrations
 APPROVED

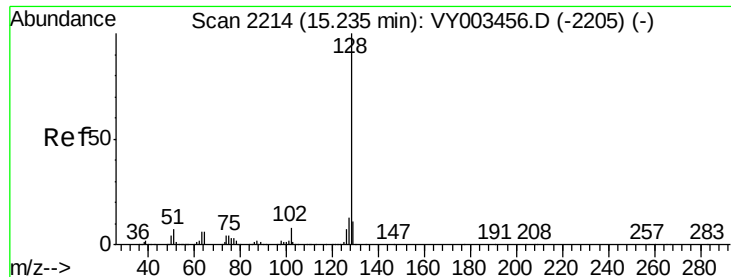
MMDadoda
 10/6/2020 12:55:40 PM



#94
 Hexachlorobutadiene
 Concen: 51.335 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	248356		
223	62.7	31.4	94.0	
227	64.9	32.5	97.4	





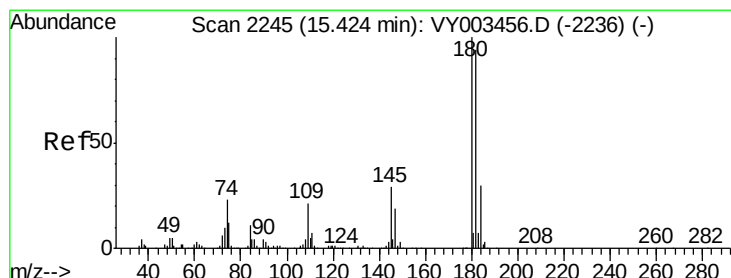
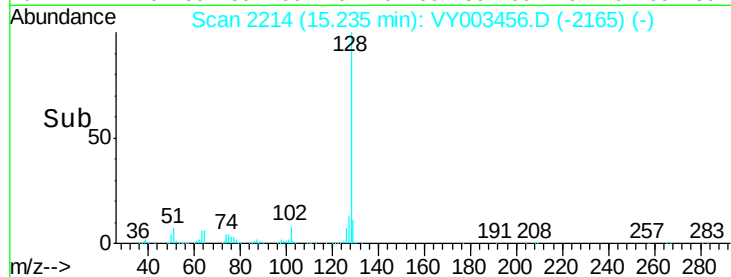
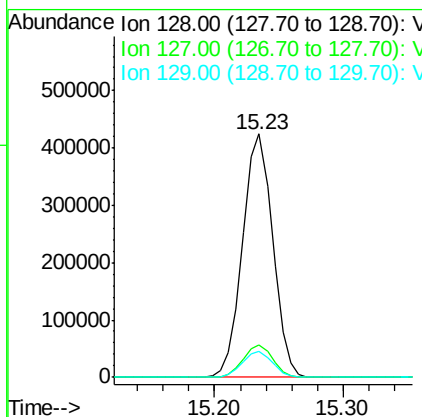
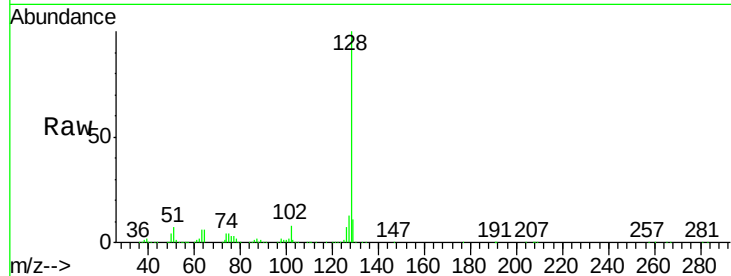
#95
Naphthalene
Concen: 54.672 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	685857		
127	13.0		10.4	15.6
129	10.8		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:55:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.580 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	333394		
182	95.1		47.5	142.6
145	28.9		14.4	43.4

