

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
 Data File : VY002697.D
 Acq On : 15 May 2020 14:01
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY051520

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 1:36:12 PM

Quant Time: May 16 04:55:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	363011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	534858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	486286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	252756	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	149795	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
35) Dibromofluoromethane	7.72	113	156367	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.18	98	631477	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.48	95	211649	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	127161	48.885	ug/l	98
3) Chloromethane	2.12	50	144380	48.465	ug/l	100
4) Vinyl Chloride	2.25	62	158638	51.103	ug/l	97
5) Bromomethane	2.65	94	118995	51.719	ug/l	100
6) Chloroethane	2.79	64	101373	51.067	ug/l	98
7) Trichlorofluoromethane	3.13	101	268851	51.391	ug/l	100
8) Diethyl Ether	3.53	74	91987	51.688	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	163352	51.511	ug/l	99
10) Methyl Iodide	4.10	142	227588	52.139	ug/l	100
11) Tert butyl alcohol	4.96	59	73005	253.164	ug/l	99
12) 1,1-Dichloroethene	3.88	96	163571	51.371	ug/l	98
13) Acrolein	3.74	56	82150	242.884	ug/l	99
14) Allyl chloride	4.49	41	237738	52.007	ug/l	99
15) Acrylonitrile	5.17	53	213087	264.437	ug/l	99
16) Acetone	3.96	43	168505	287.870	ug/l	97
17) Carbon Disulfide	4.20	76	512134	51.276	ug/l	99
18) Methyl Acetate	4.49	43	87731	52.566	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	411215	52.066	ug/l	98
20) Methylene Chloride	4.72	84	179933	50.853	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	180535	50.989	ug/l	99
22) Diisopropyl ether	6.13	45	467312	51.526	ug/l	99
23) Vinyl Acetate	6.07	43	1538072	264.851	ug/l	99
24) 1,1-Dichloroethane	6.03	63	277846	51.269	ug/l	100
25) 2-Butanone	6.99	43	255936	264.263	ug/l	100
26) 2,2-Dichloropropane	6.99	77	258809	51.326	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	197222	51.551	ug/l	100
28) Bromochloromethane	7.34	49	103814	48.424	ug/l	99
29) Tetrahydrofuran	7.35	42	175241	265.939	ug/l	99
30) Chloroform	7.52	83	289253	51.426	ug/l	100
31) Cyclohexane	7.78	56	269865	49.097	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	269185	51.794	ug/l	100
36) 1,1-Dichloropropene	7.93	75	234988	51.898	ug/l	100
37) Ethyl Acetate	7.08	43	118260	53.103	ug/l	99
38) Carbon Tetrachloride	7.91	117	256363	52.681	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	312552	51.337	ug/l	99
40) Benzene	8.16	78	680916	51.540	ug/l	100
41) Methacrylonitrile	7.33	41	73659m	55.053	ug/l	
42) 1,2-Dichloroethane	8.24	62	180278	51.738	ug/l	99
43) Isopropyl Acetate	8.28	43	221661	53.558	ug/l	99
44) Trichloroethene	8.94	130	216531	51.418	ug/l	100
45) 1,2-Dichloropropane	9.22	63	161962	51.654	ug/l	99
46) Dibromomethane	9.31	93	91340	51.850	ug/l	99
47) Bromodichloromethane	9.50	83	224081	52.120	ug/l	100
48) Methyl methacrylate	9.30	41	101556	53.293	ug/l	98
49) 1,4-Dioxane	9.30	88	26250	1094.089	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	581864	272.303	ug/l	99
52) Toluene	10.24	92	438310	51.267	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	241911	52.717	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	278127	52.281	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	134977	51.466	ug/l	99
56) Ethyl methacrylate	10.51	69	188440	53.971	ug/l	99
57) 1,3-Dichloropropane	10.79	76	229621	52.246	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	443465	257.282	ug/l	100
59) 2-Hexanone	10.83	43	410410	275.679	ug/l	99
60) Dibromochloromethane	10.99	129	176430	52.658	ug/l	99
61) 1,2-Dibromoethane	11.09	107	134942	52.224	ug/l	100
64) Tetrachloroethene	10.72	164	236438	51.214	ug/l	97
65) Chlorobenzene	11.52	112	487601	51.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	182016	52.191	ug/l	100
67) Ethyl Benzene	11.59	91	864720	52.410	ug/l	100
68) m/p-Xylenes	11.70	106	667278	103.954	ug/l	100
69) o-Xylene	12.03	106	315609	52.386	ug/l	97
70) Styrene	12.04	104	542971	52.492	ug/l	99
71) Bromoform	12.20	173	116131	53.870	ug/l	# 99
73) Isopropylbenzene	12.33	105	854646	51.748	ug/l	100
74) N-amyl acetate	12.14	43	211095	54.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	132614	54.528	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	106682m	51.381	ug/l	
77) Bromobenzene	12.61	156	213544	51.717	ug/l	100
78) n-propylbenzene	12.67	91	999716	52.034	ug/l	100
79) 2-Chlorotoluene	12.75	91	547078	51.339	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	720291	51.904	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	59871	54.534	ug/l	# 77
82) 4-Chlorotoluene	12.85	91	574360	51.456	ug/l	99
83) tert-Butylbenzene	13.08	119	636776	51.848	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	717256	51.717	ug/l	99
85) sec-Butylbenzene	13.25	105	874583	51.605	ug/l	100
86) p-Isopropyltoluene	13.37	119	821856	51.808	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	408832	51.354	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	406897	51.338	ug/l	100
89) n-Butylbenzene	13.69	91	753508	51.724	ug/l	100
90) Hexachloroethane	13.96	117	150645	51.272	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	368988	51.680	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25378	54.414	ug/l	97

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QLast Update : Sat May 16 04:52:36 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	272739	53.221	ug/l	100
94) Hexachlorobutadiene	15.11	225	162504	53.142	ug/l	99
95) Naphthalene	15.23	128	504890	51.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	232205	53.233	ug/l	100

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

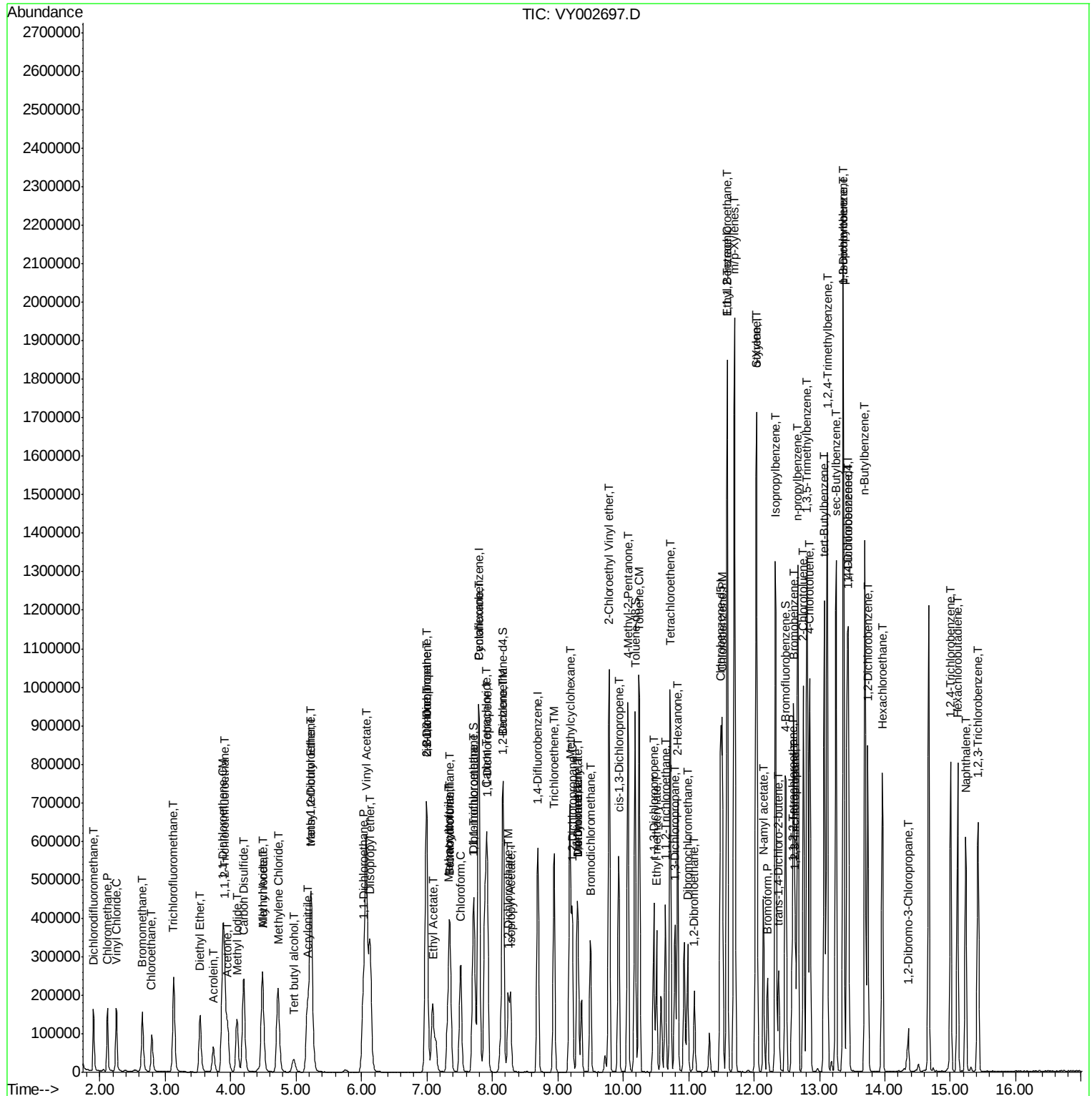
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
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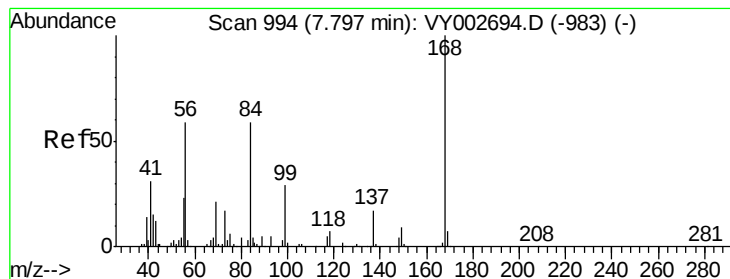
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 MSVOA_Y
 ClientSampleId :
 ICVVY051520

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051520

Tot Ion:168 Resp: 363011

Ion Ratio Lower Upper

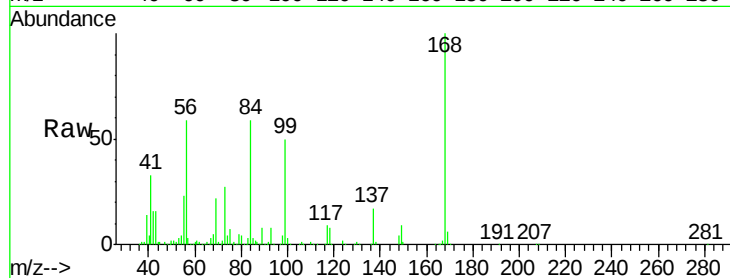
168 100

99 49.7 39.2 58.8

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): VY002697.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002697.D (-983) (-)

7.80

150000

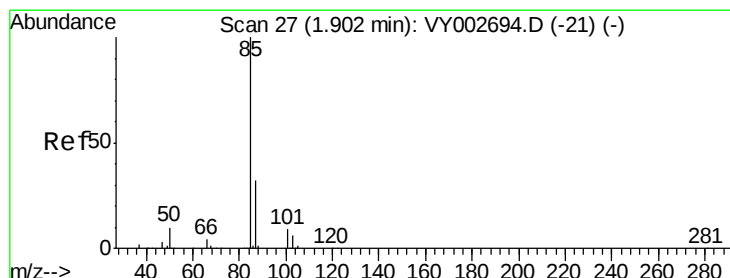
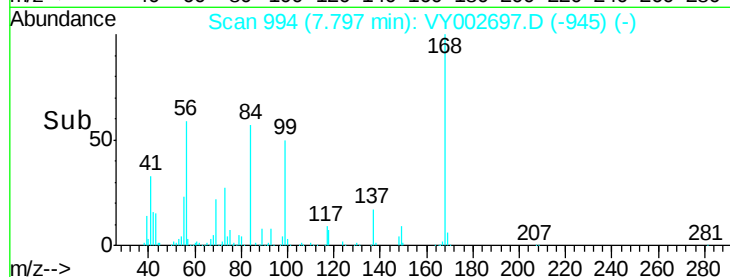
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.885 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002697.D

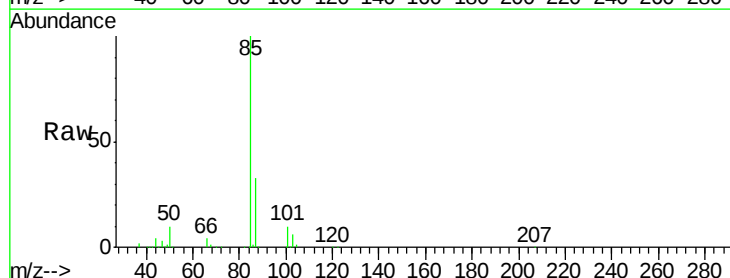
Acq: 15 May 2020 14:01

Tgt Ion: 85 Resp: 127161

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002697.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002697.D (-21) (-)

1.90

100000

80000

60000

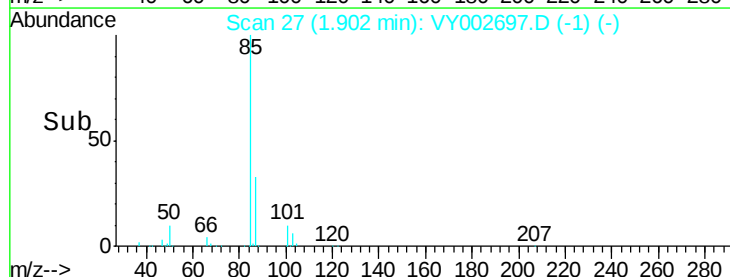
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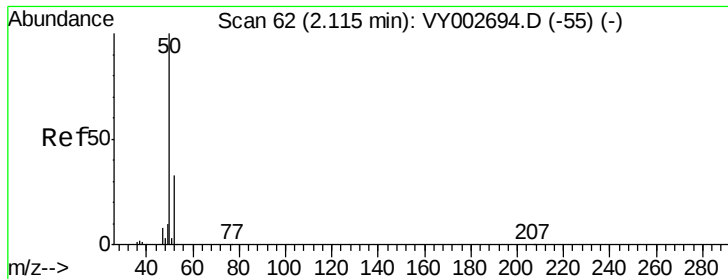
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.465 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051520

Tot Ion: 50 Resp: 144380

Ion Ratio Lower Upper

50 100

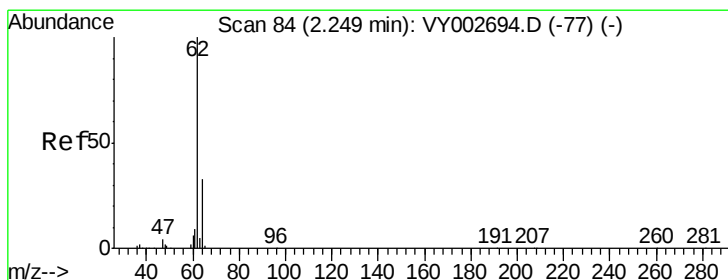
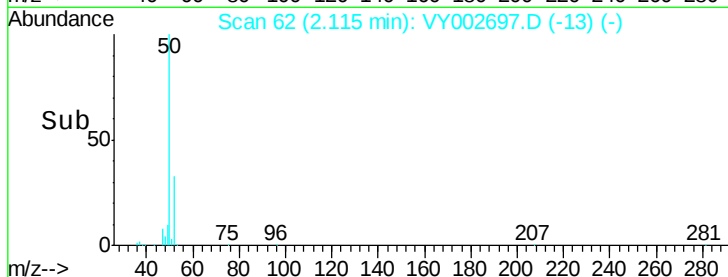
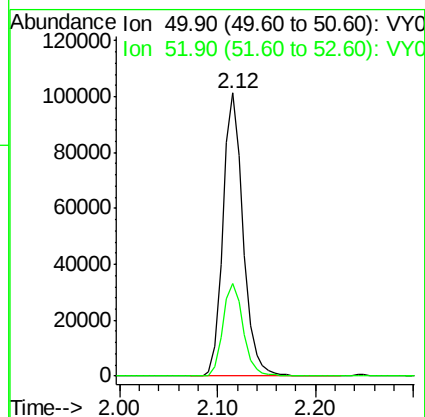
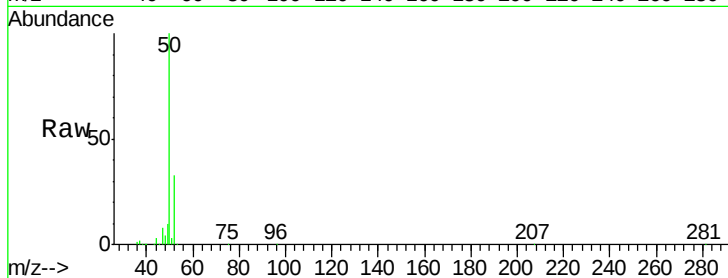
52 32.7 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.103 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY002697.D

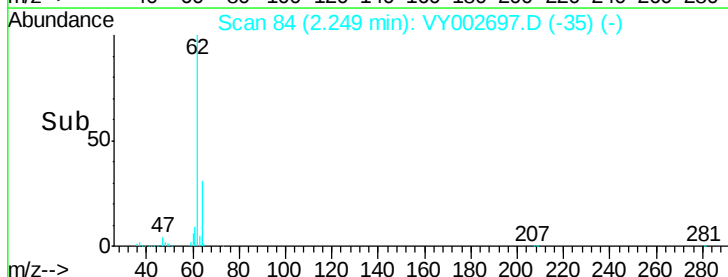
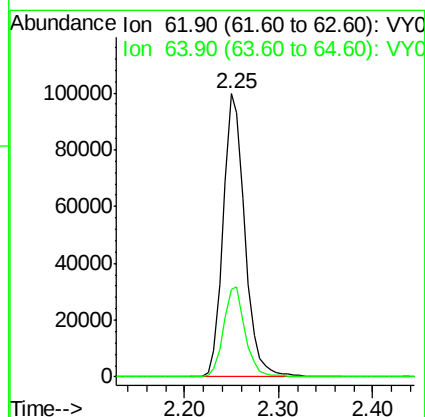
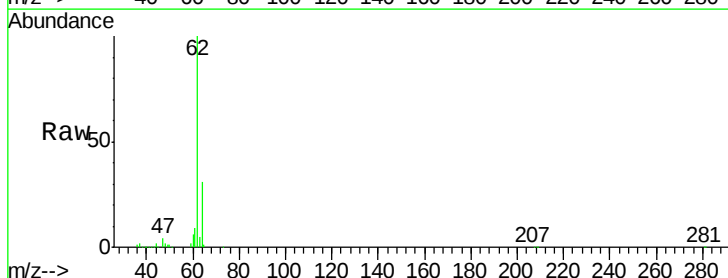
Acq: 15 May 2020 14:01

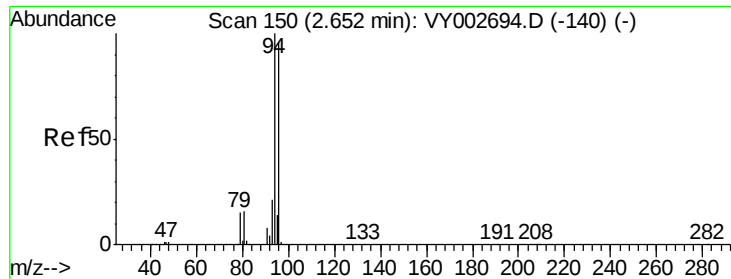
Tgt Ion: 62 Resp: 158638

Ion Ratio Lower Upper

62 100

64 30.8 26.2 39.4





#5

Bromomethane

Concen: 51.719 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

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ClientSampleId :

ICVVY051520

Tot Ion: 94 Resp: 118995

Ion Ratio Lower Upper

94 100

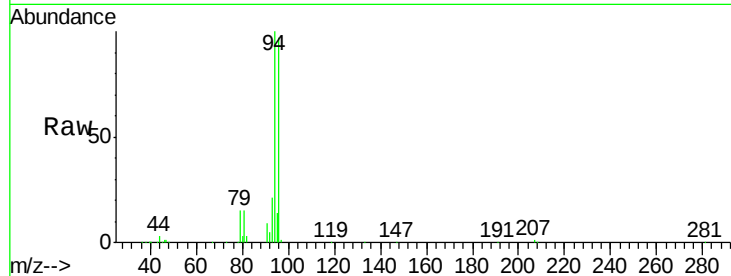
96 96.3 76.8 115.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

60000

50000

40000

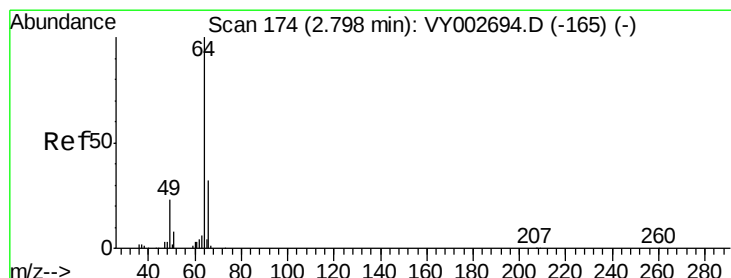
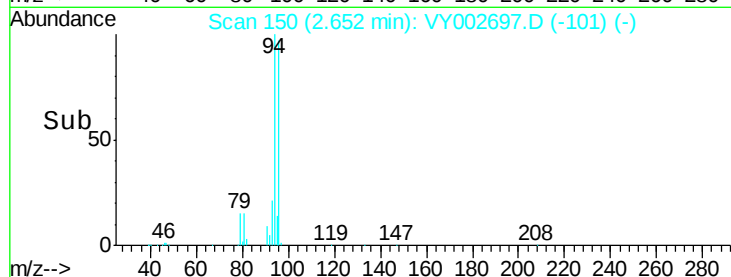
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 51.067 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002697.D

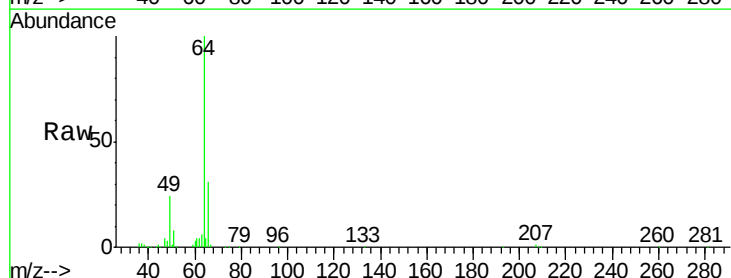
Acq: 15 May 2020 14:01

Tgt Ion: 64 Resp: 101373

Ion Ratio Lower Upper

64 100

66 31.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

50000

40000

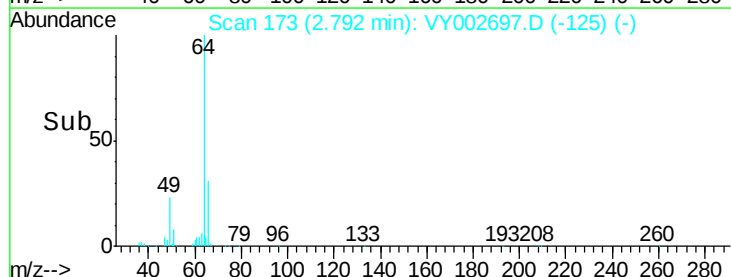
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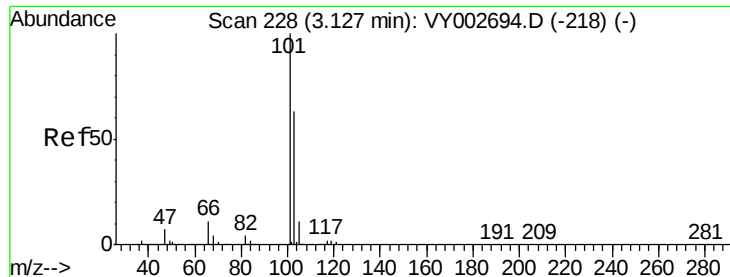
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10000

0

Time-->





#7

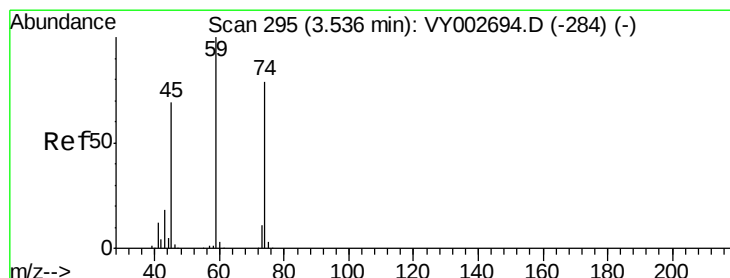
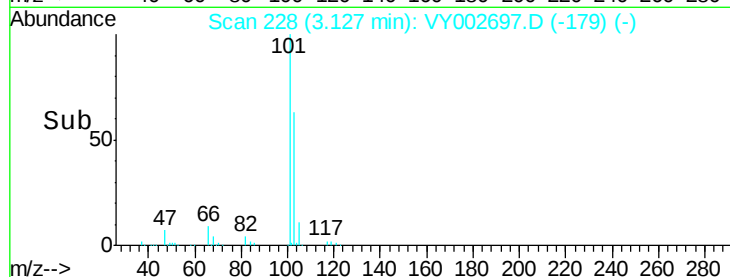
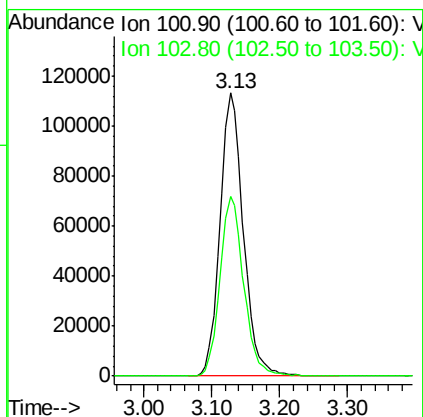
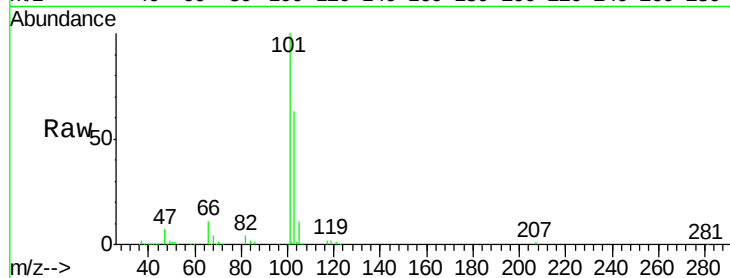
Trichlorofluoromethane
Concen: 51.391 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	268851		
103	63.4	50.6	75.8	

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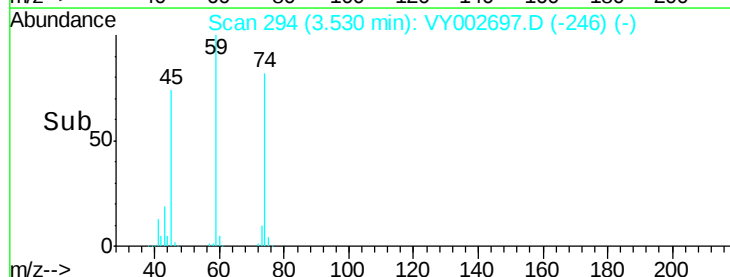
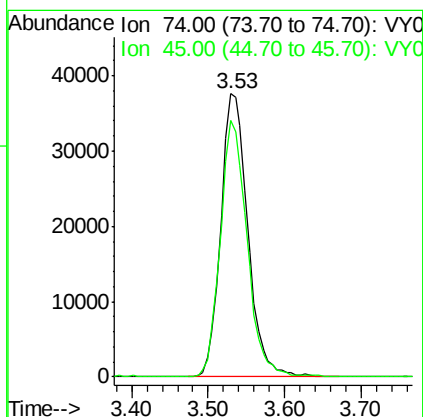
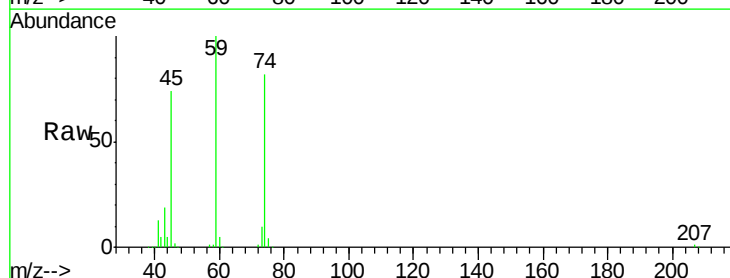
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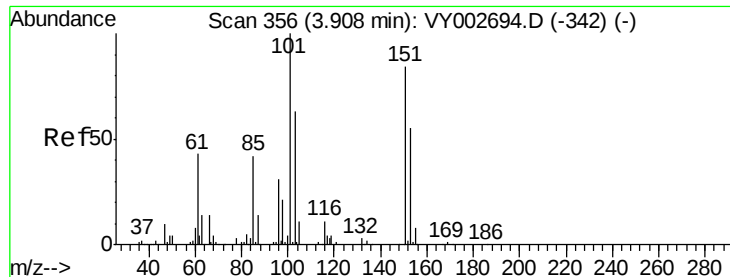


#8

Diethyl Ether
Concen: 51.688 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	91987		
45	90.0	43.8	131.3	





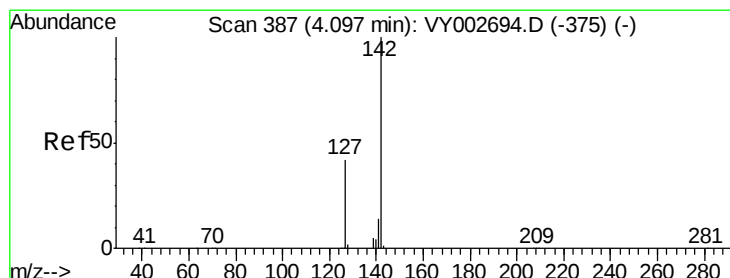
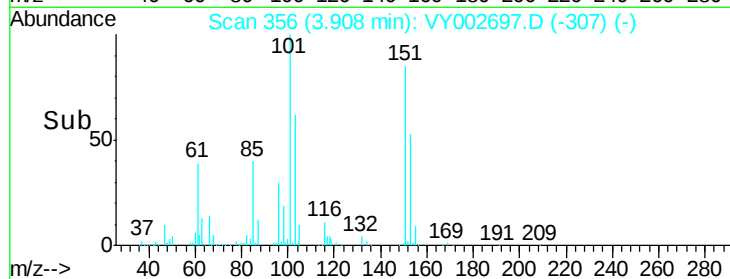
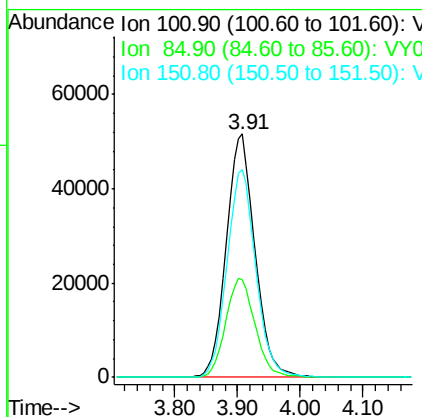
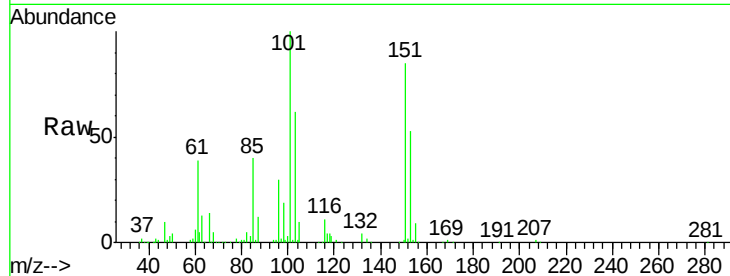
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.511 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion:	101	Resp:	163352
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.5	50.3
151	86.0	69.6	104.4

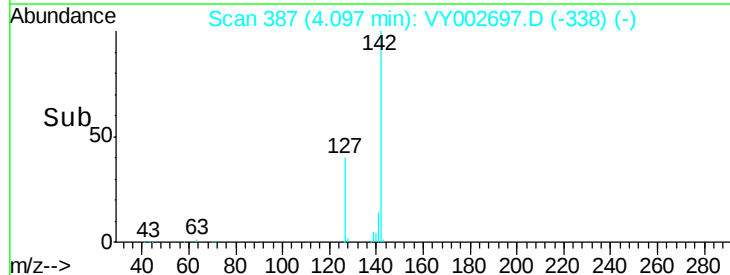
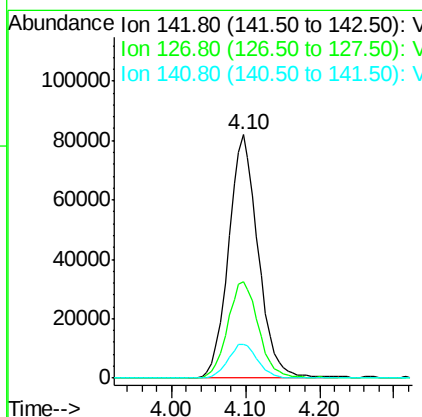
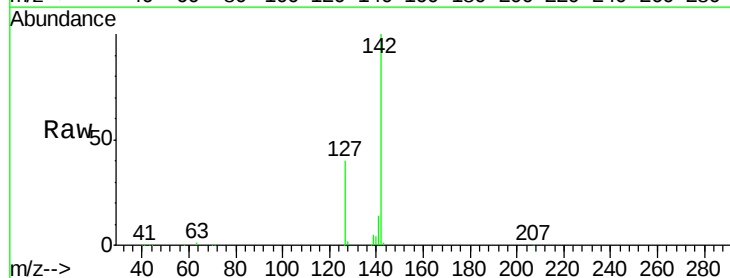
Manual Integrations
 APPROVED

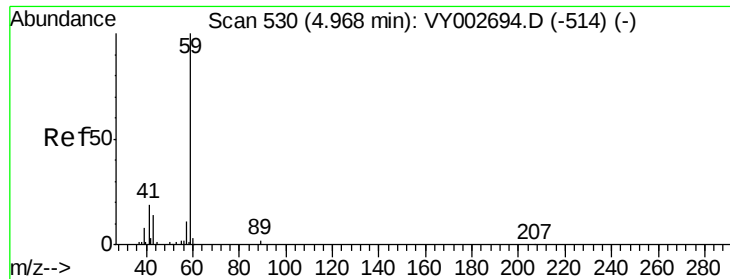
MMDadoda
 5/18/2020 1:36:12 PM



#10
 Methyl Iodide
 Concen: 52.139 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion:	142	Resp:	227588
Ion Ratio	Lower	Upper	
142	100		
127	41.1	32.8	49.2
141	14.3	11.3	16.9





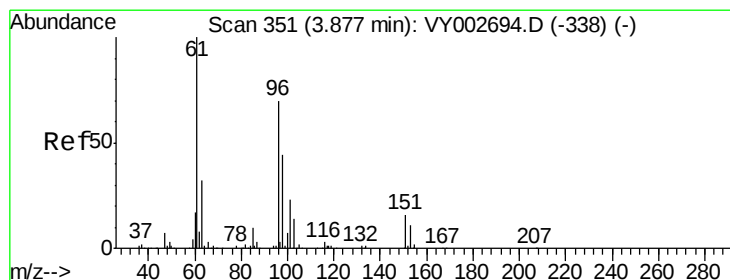
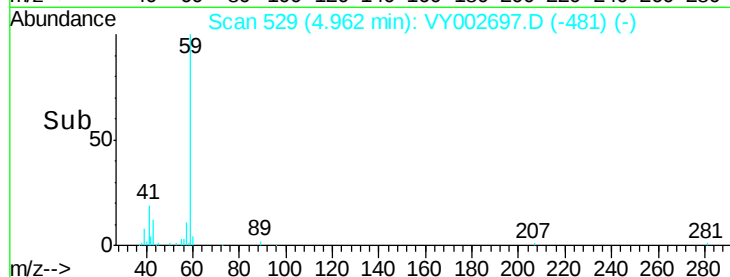
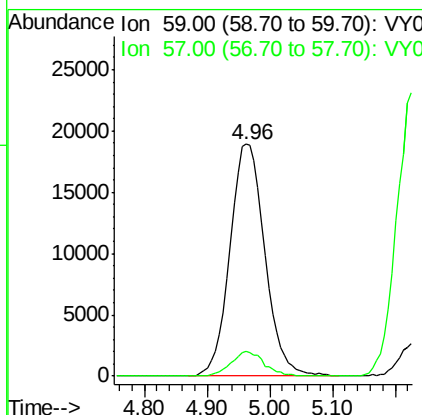
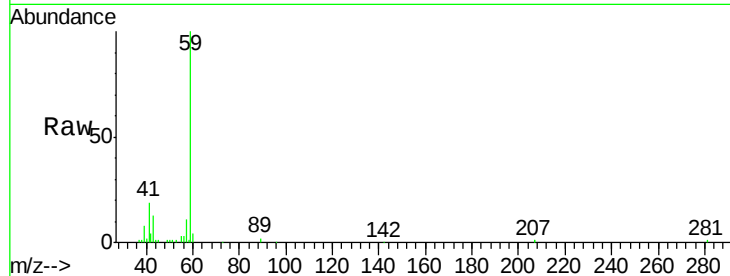
#11
Tert butyl alcohol
Concen: 253.164 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion: 59 Resp: 73005
Ion Ratio Lower Upper
59 100
57 10.0 7.7 11.5

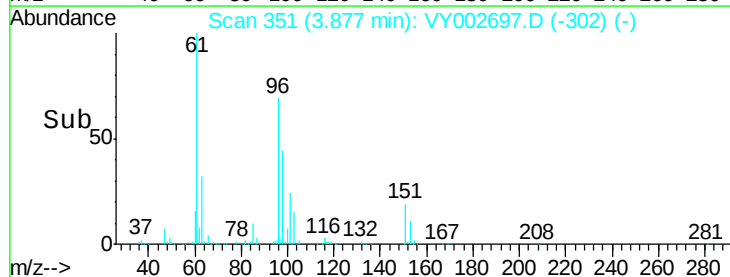
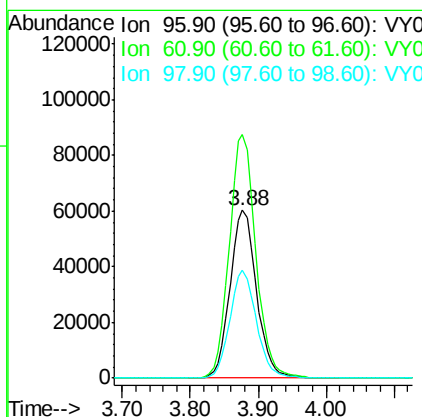
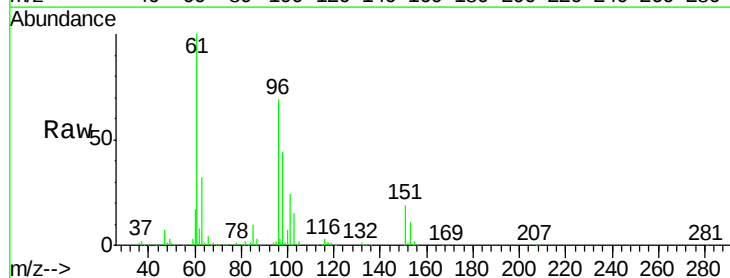
Manual Integrations
APPROVED

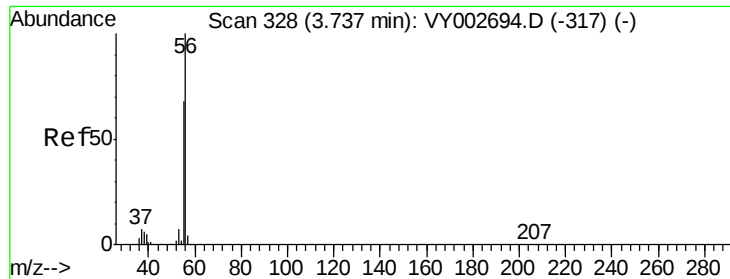
MMDadoda
5/18/2020 1:36:12 PM



#12
1,1-Dichloroethene
Concen: 51.371 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion: 96 Resp: 163571
Ion Ratio Lower Upper
96 100
61 144.9 113.8 170.8
98 64.1 50.4 75.6





#13

Acrolein

Concen: 242.884 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051520

Tot Ion: 56 Resp: 82150

Ion Ratio Lower Upper

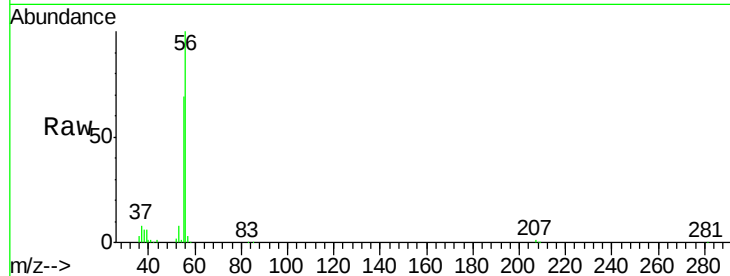
56 100

55 69.4 54.8 82.2

Manual Integrations
APPROVED

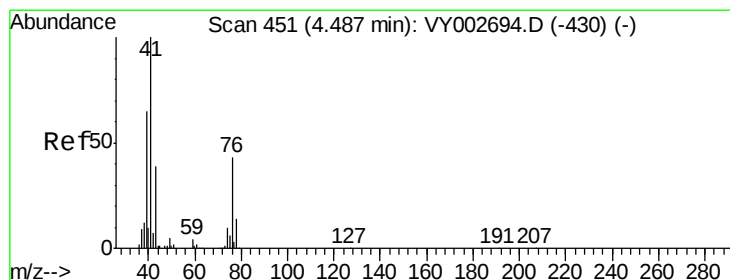
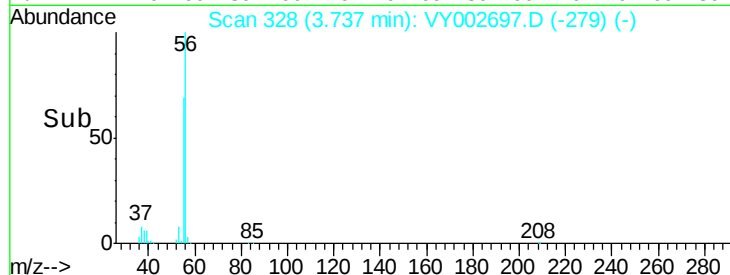
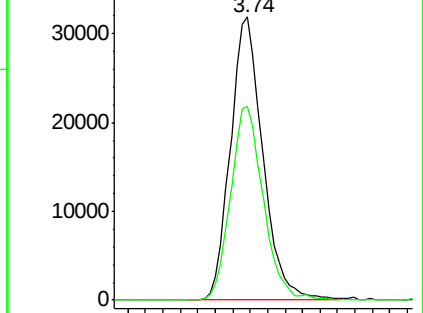
MMDadoda

5/18/2020 1:36:12 PM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 52.007 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

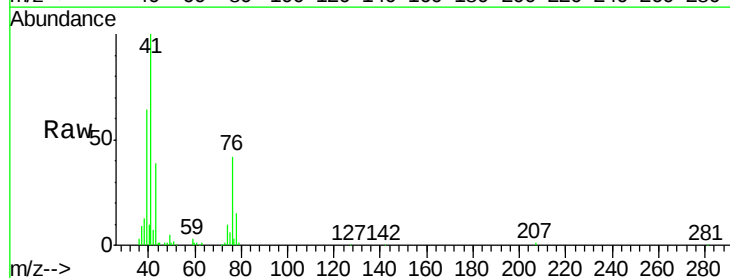
Tgt Ion: 41 Resp: 237738

Ion Ratio Lower Upper

41 100

39 62.5 50.3 75.5

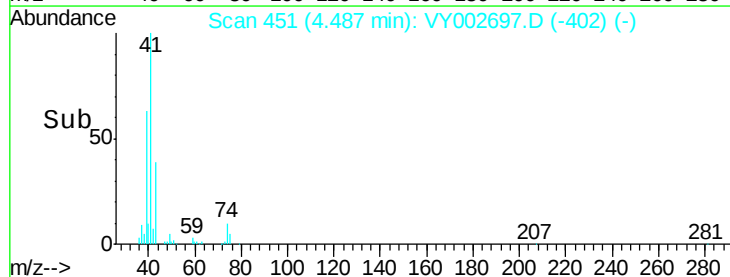
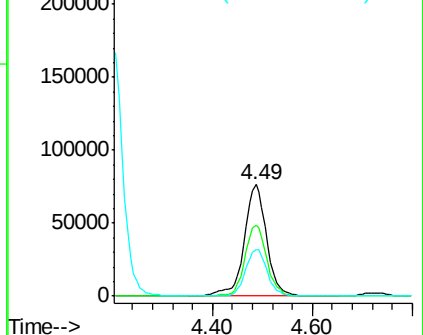
76 40.7 33.2 49.8

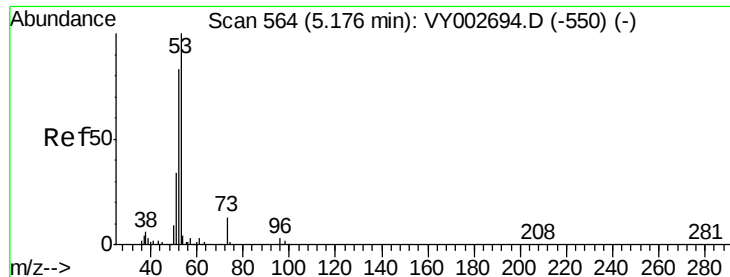


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 264.437 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

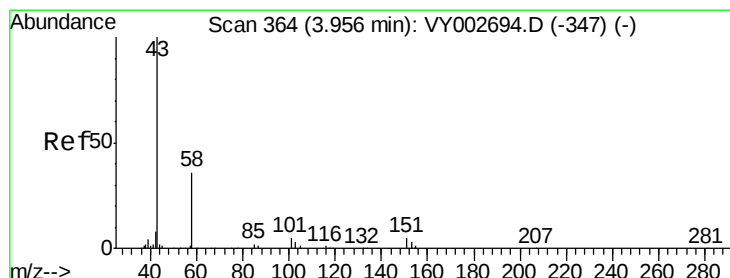
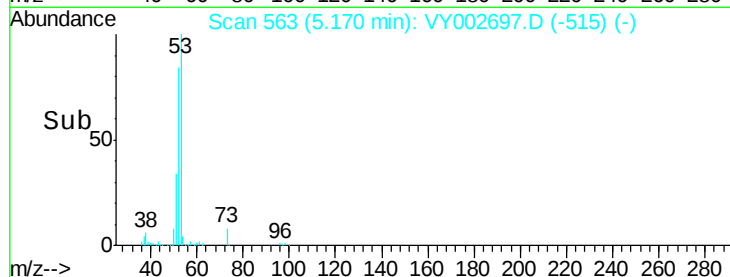
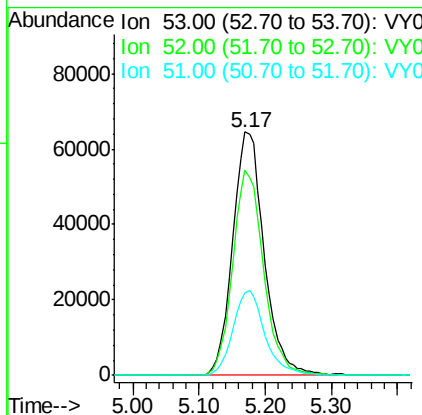
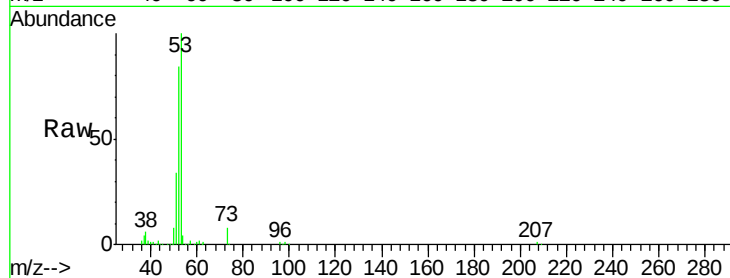
ClientSampleId :

ICVY051520

Tot Ion:	53	Resp:	213087
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.0	97.6
51	35.2	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 287.870 ug/l

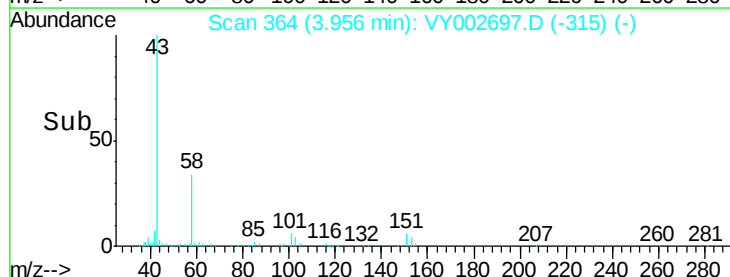
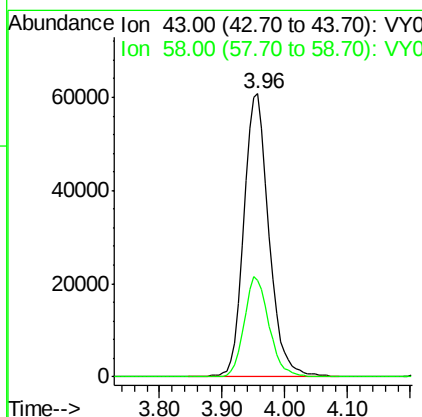
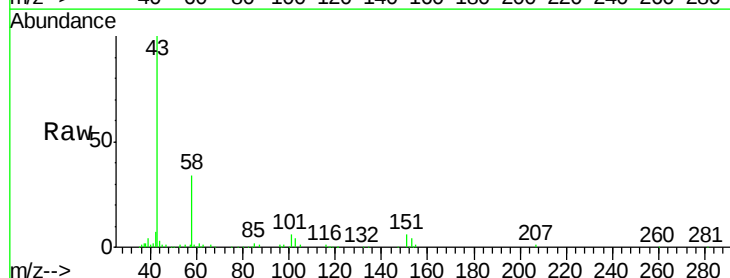
RT: 3.96 min Scan# 364

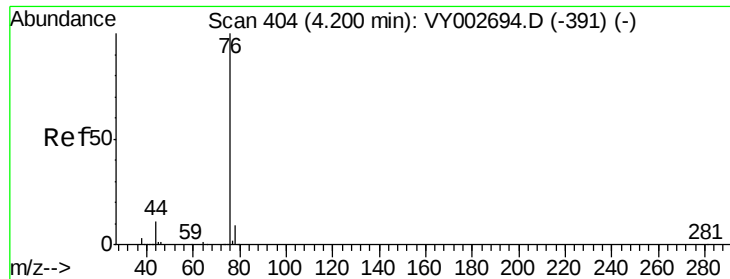
Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Tgt Ion:	43	Resp:	168505
Ion	Ratio	Lower	Upper
43	100		
58	34.3	28.6	43.0





#17

Carbon Disulfide

Concen: 51.276 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051520

Tot Ion: 76 Resp: 512134

Ion Ratio Lower Upper

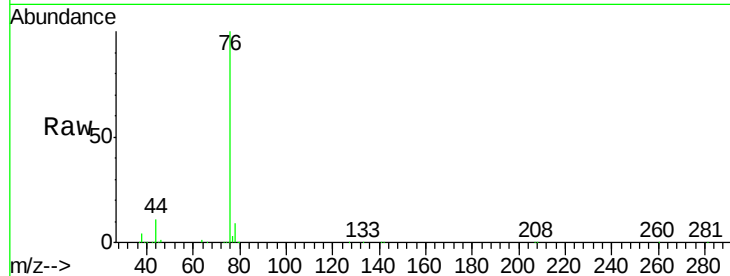
76 100

78 9.3 7.1 10.7

Manual Integrations
APPROVED

MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

200000

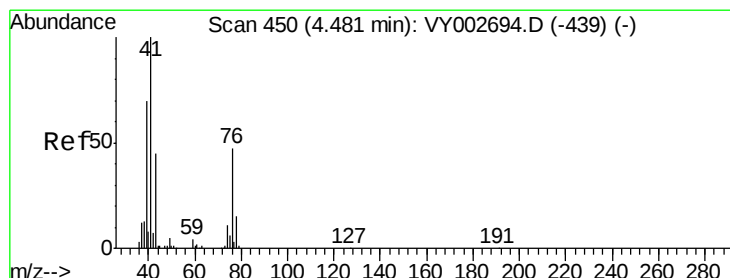
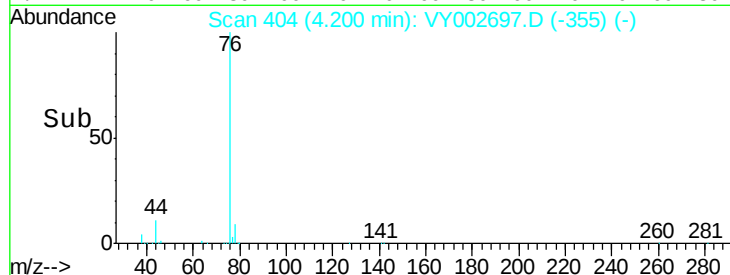
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.566 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002697.D

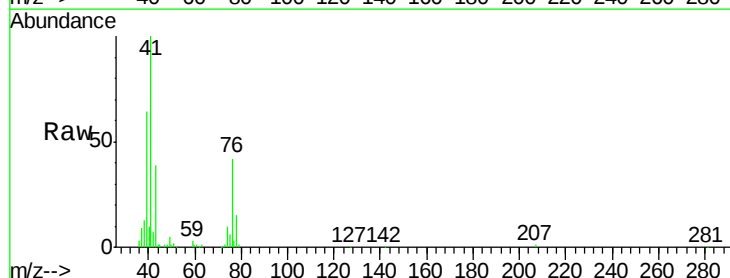
Acq: 15 May 2020 14:01

Tgt Ion: 43 Resp: 87731

Ion Ratio Lower Upper

43 100

74 26.2 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

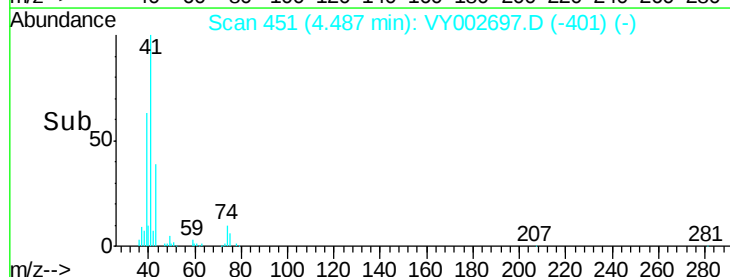
30000

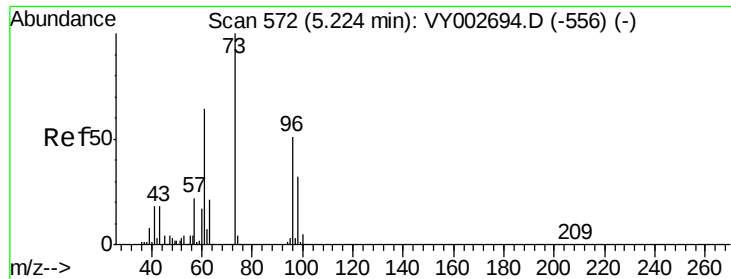
20000

10000

0

Time-->





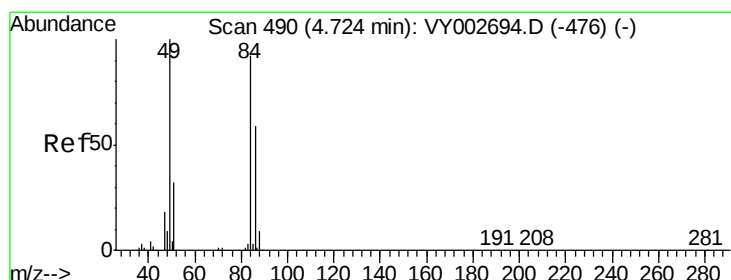
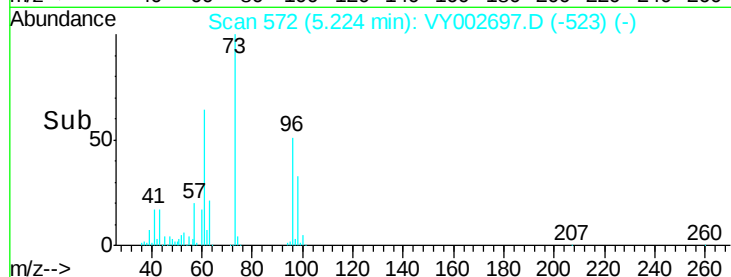
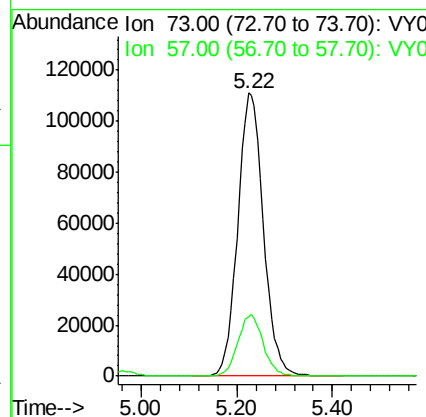
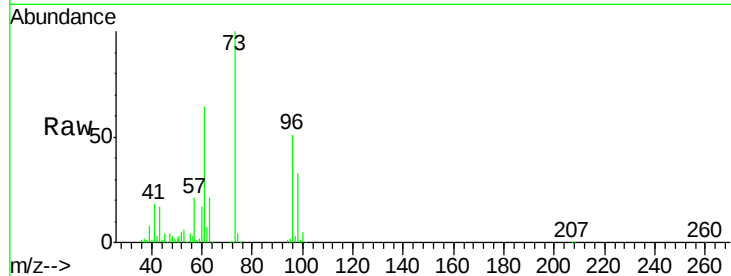
#19
Methvl tert-butvl Ether
Concen: 52.066 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
73	73	100	411215		
57	57	20.8		17.3	25.9

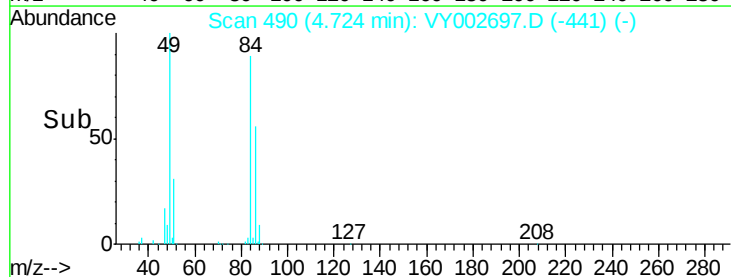
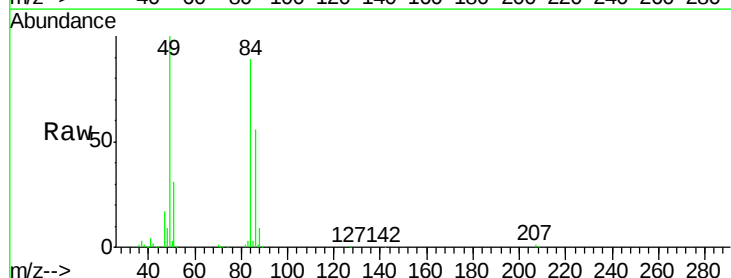
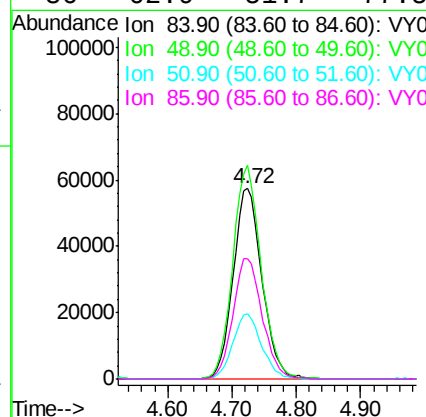
Manual Integrations
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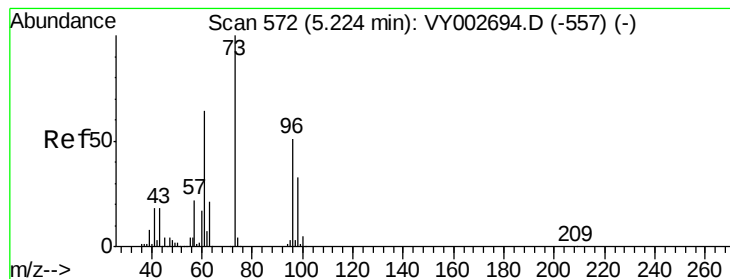
MMDadoda
5/18/2020 1:36:12 PM



#20
Methylene Chloride
Concen: 50.853 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
84	84	100	179933		
49	49	112.0		87.4	131.0
51	51	34.6		27.9	41.9
86	86	62.9		51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 50.989 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

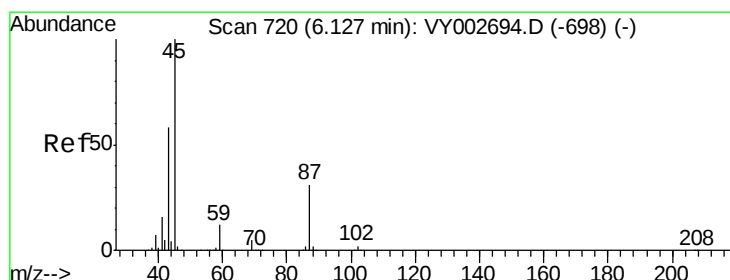
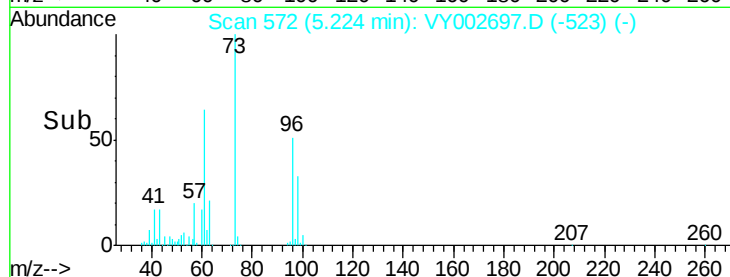
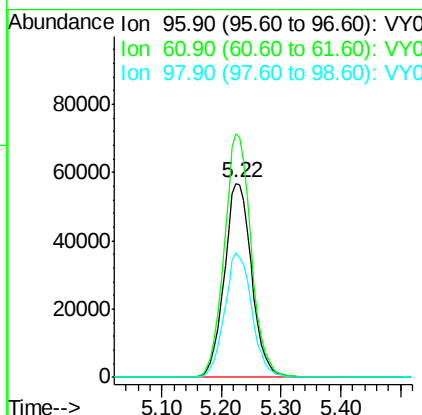
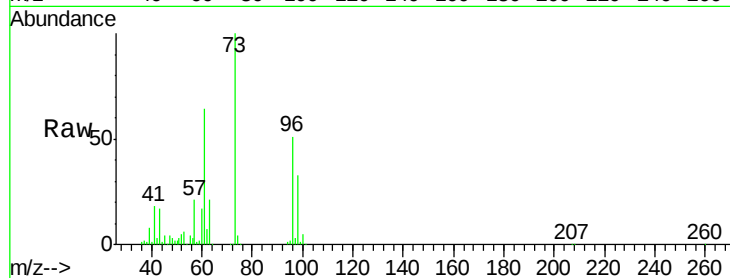
ClientSampleId :

ICVVY051520

Tot Ion:	96	Resp:	180535
Ion Ratio	Lower	Upper	
96	100		
61	125.4	99.6	149.4
98	63.9	50.6	76.0

Manual Integrations
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MMDadoda
5/18/2020 1:36:12 PM



#22

Diisopropyl ether

Concen: 51.526 ug/l

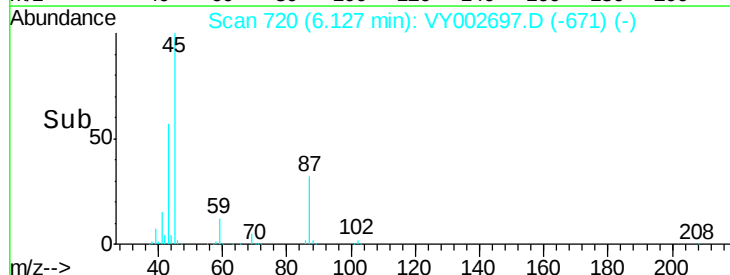
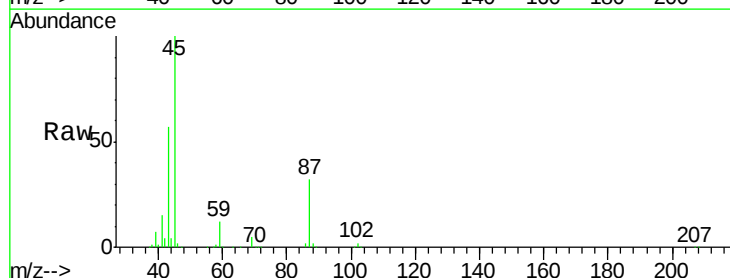
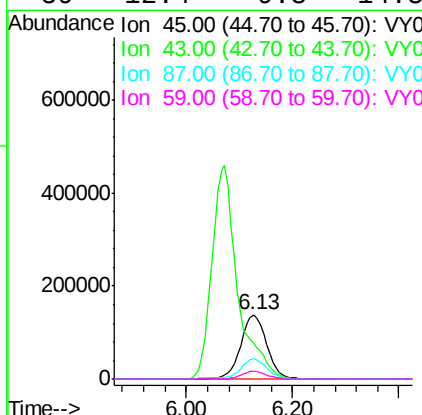
RT: 6.13 min Scan# 720

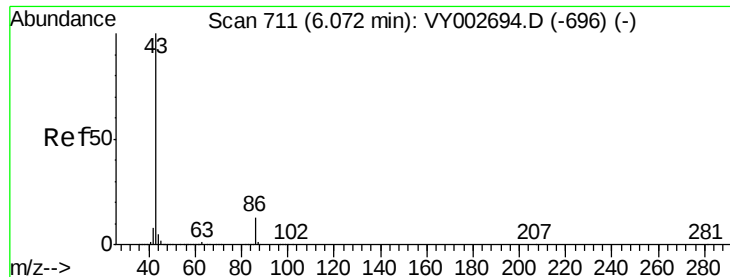
Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Tgt Ion:	45	Resp:	467312
Ion Ratio	Lower	Upper	
45	100		
43	56.4	46.1	69.1
87	32.0	24.9	37.3
59	12.4	9.8	14.8





#23

Vinyl Acetate

Concen: 264.851 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051520

Tot Ion: 43 Resp: 1538072

Ion Ratio Lower Upper

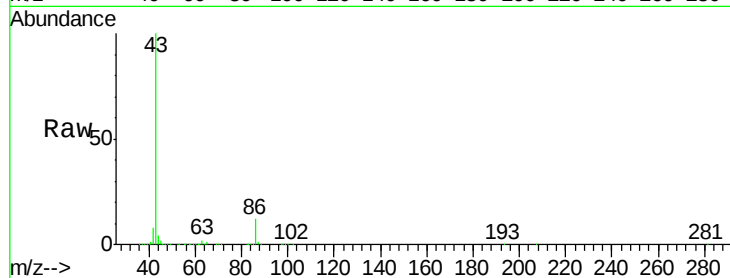
43 100

86 12.3 10.1 15.1

Manual Integrations
APPROVED

MMDadoda

5/18/2020 1:36:12 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

500000

400000

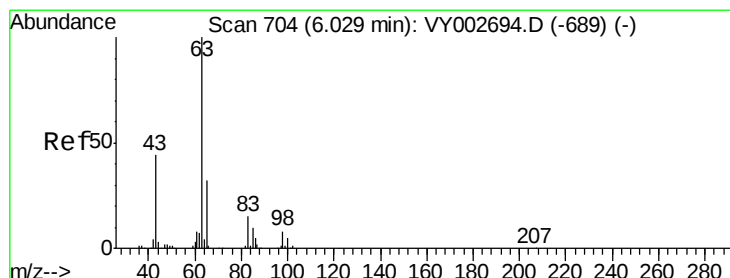
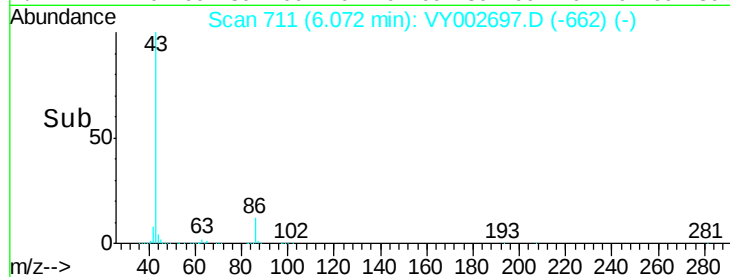
300000

200000

100000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 51.269 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

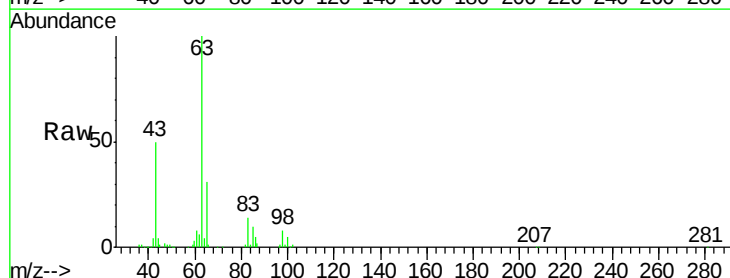
Tgt Ion: 63 Resp: 277846

Ion Ratio Lower Upper

63 100

98 8.0 4.0 11.9

100 4.9 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

120000

100000

80000

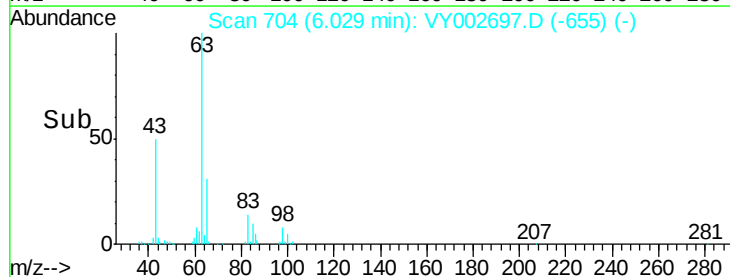
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 264.263 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051520

Tot Ion: 43 Resp: 255936

Ion Ratio Lower Upper

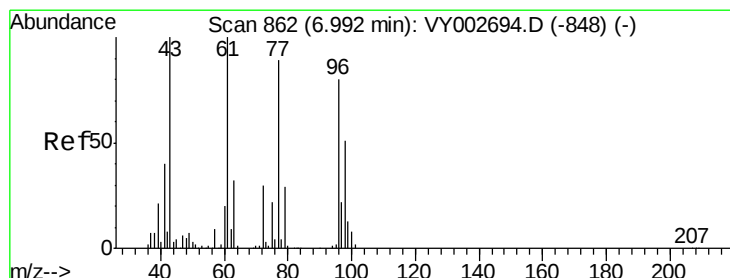
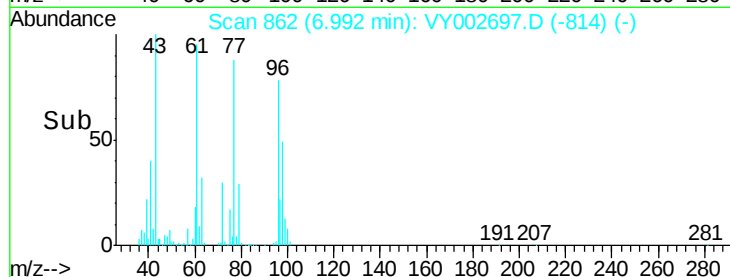
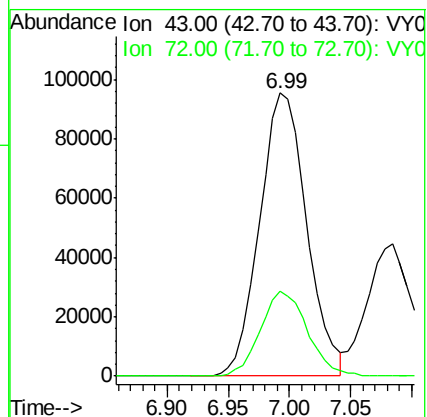
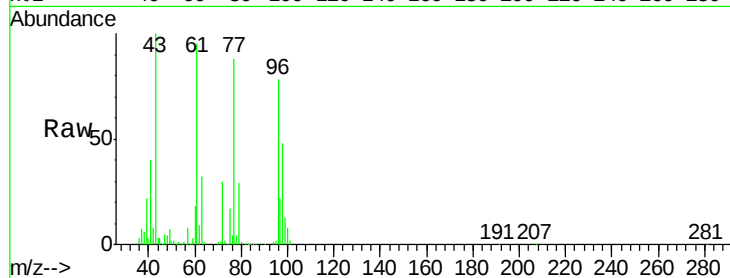
43 100

72 30.1 24.1 36.1

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#26

2,2-Dichloropropane

Concen: 51.326 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002697.D

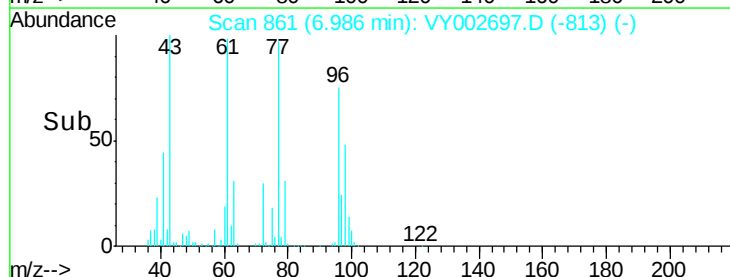
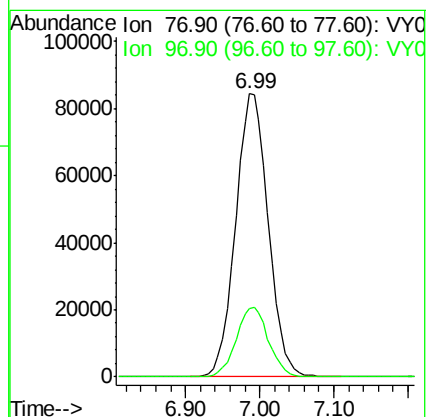
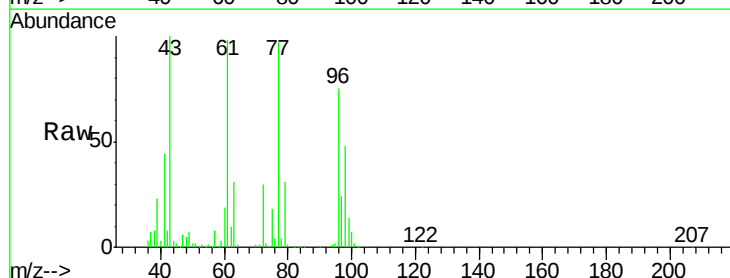
Acq: 15 May 2020 14:01

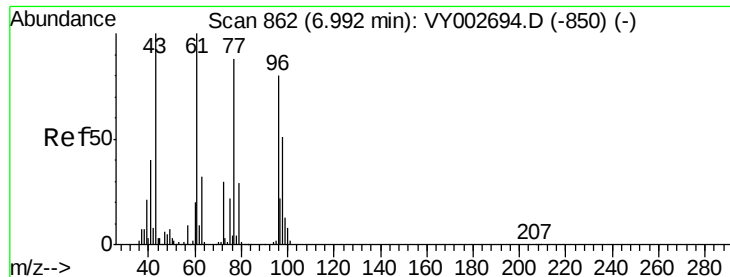
Tgt Ion: 77 Resp: 258809

Ion Ratio Lower Upper

77 100

97 24.3 12.3 36.9





#27

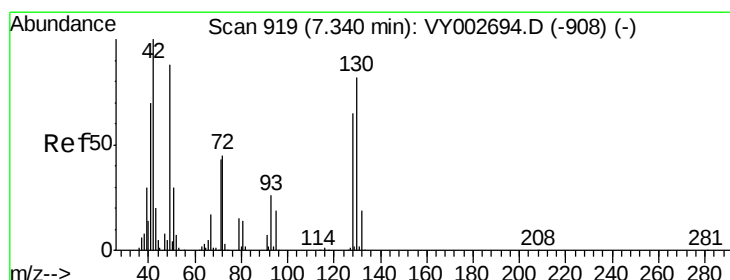
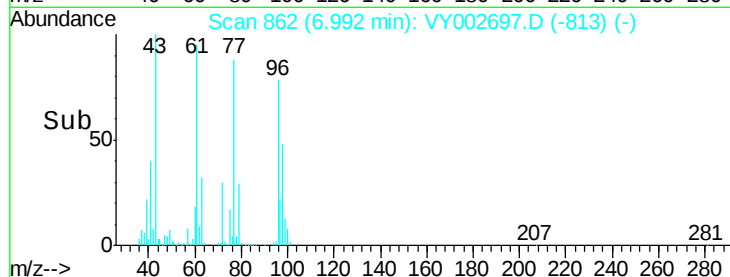
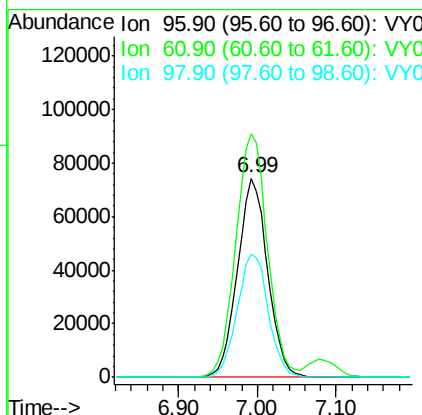
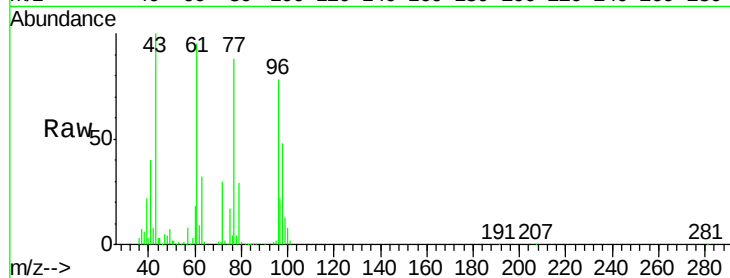
cis-1,2-Dichloroethene
Concen: 51.551 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.7	0.0	258.0
98	64.2	0.0	128.4

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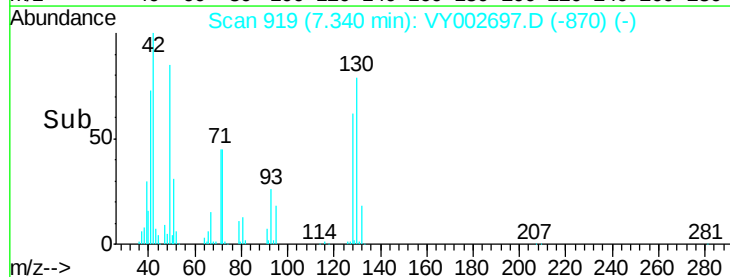
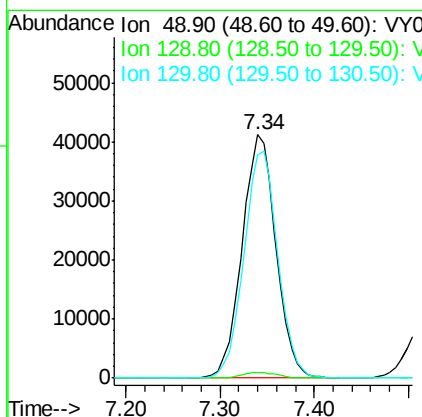
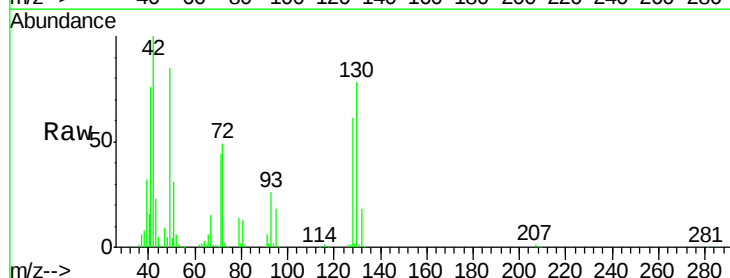
MMDadoda
5/18/2020 1:36:12 PM

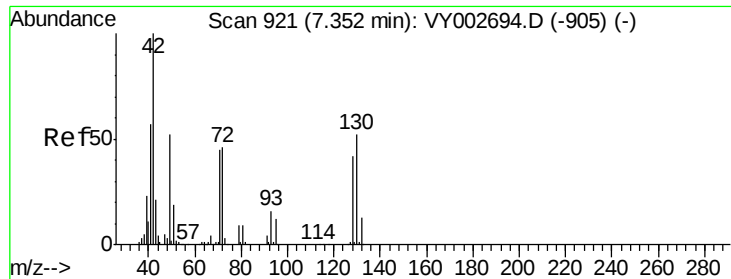


#28

Bromochloromethane
Concen: 48.424 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	93.6	75.3	112.9





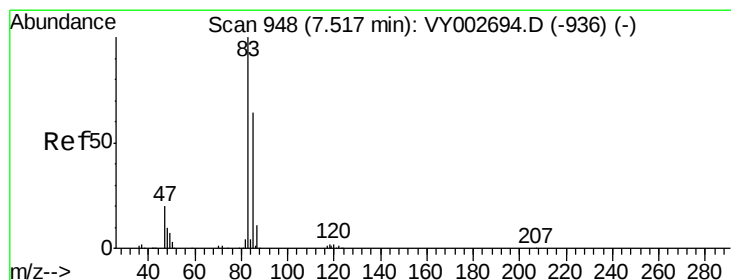
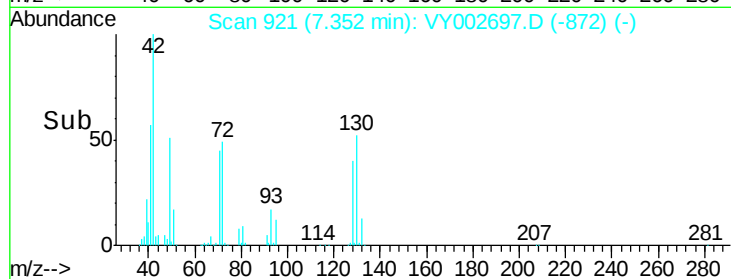
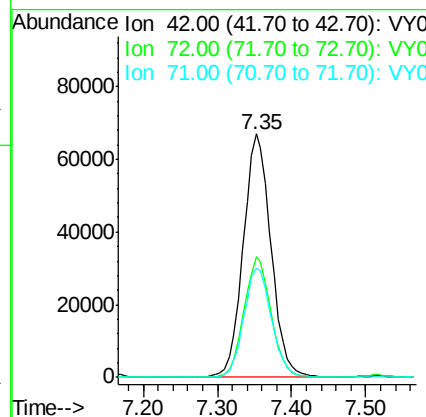
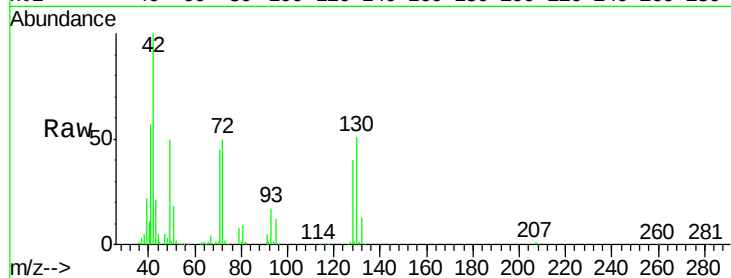
#29
Tetrahydrofuran
Concen: 265.939 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	38.2	57.2
71	45.0	35.8	53.8

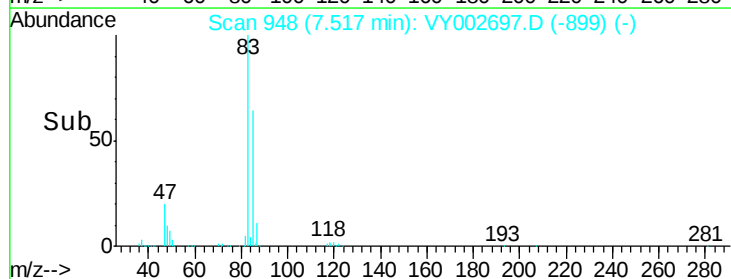
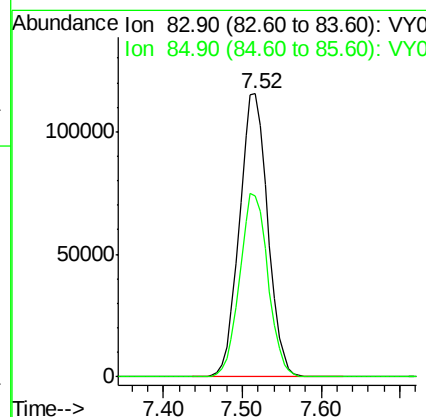
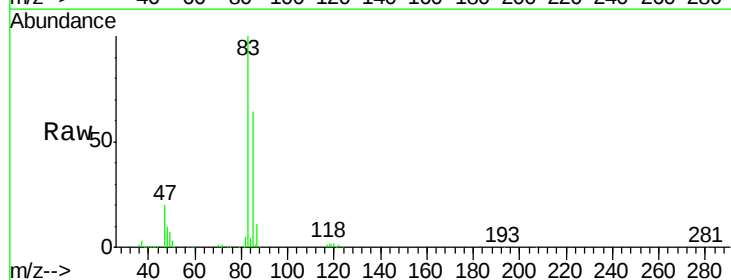
Manual Integrations
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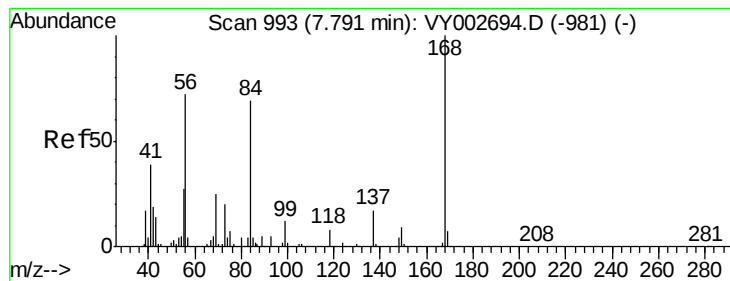
MMDadoda
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#30
Chloroform
Concen: 51.426 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3





#31

Cyclohexane

Concen: 49.097 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

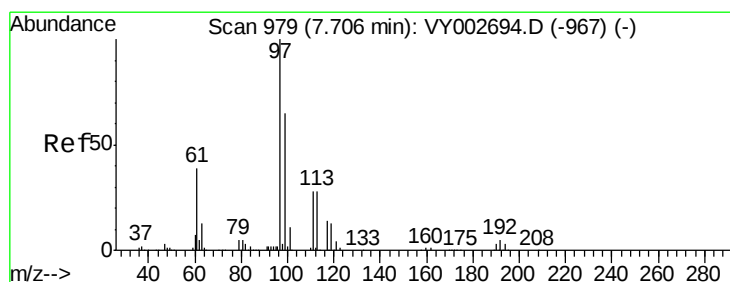
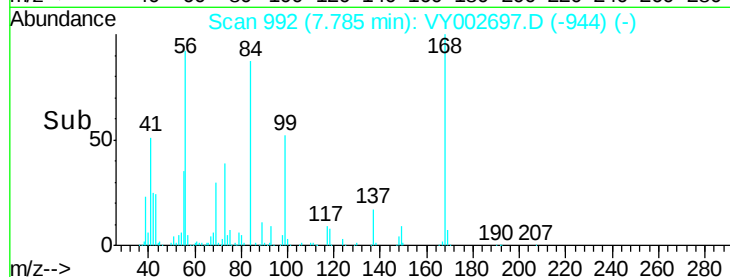
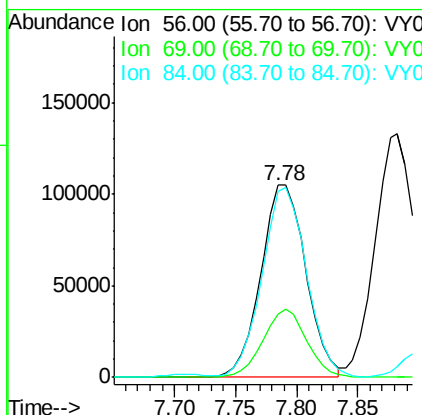
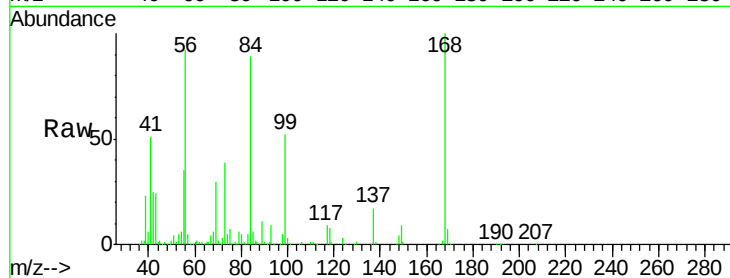
ClientSampleId :

ICVY051520

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	33.2	27.7	41.5	
84	95.2	77.0	115.4	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.794 ug/l

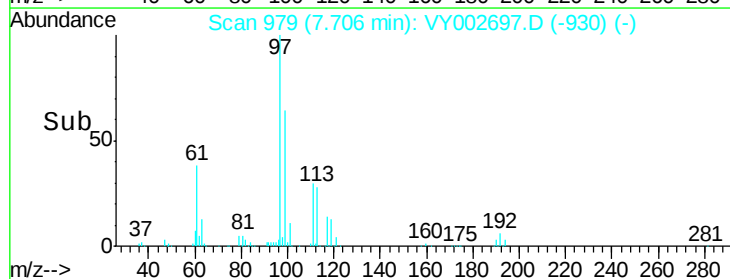
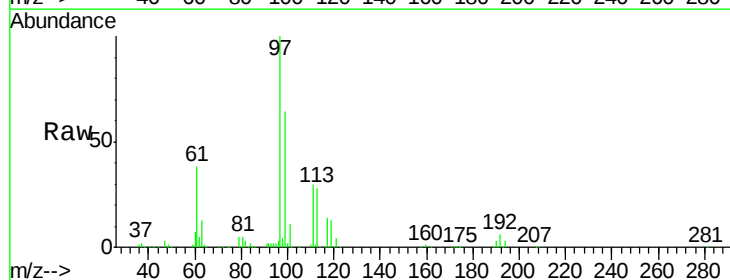
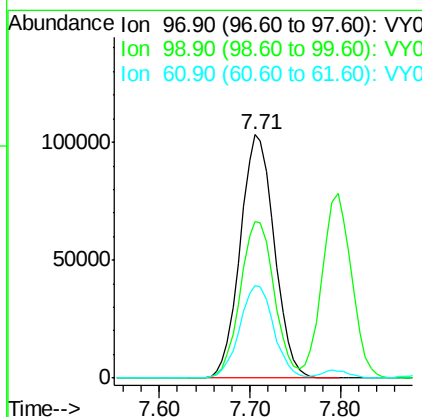
RT: 7.71 min Scan# 979

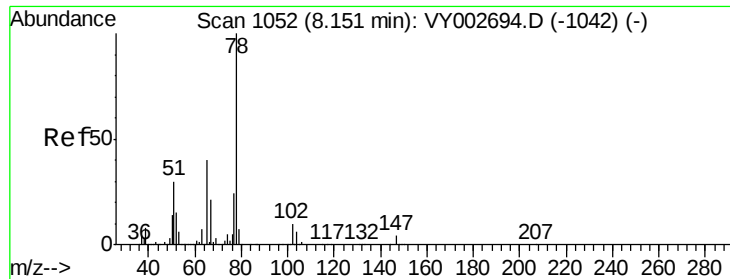
Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.1	51.6	77.4	
61	37.9	30.6	45.8	





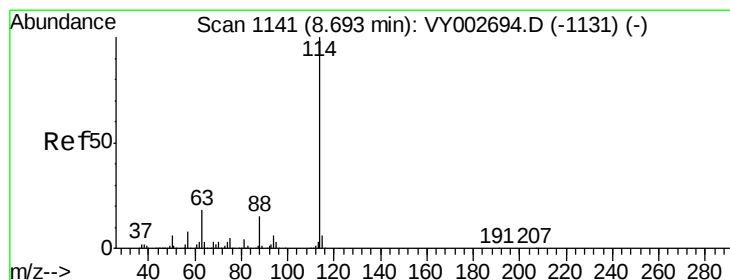
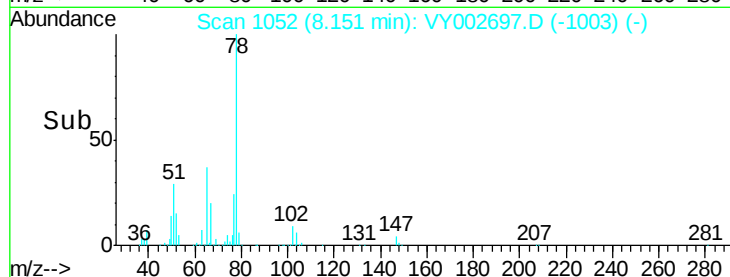
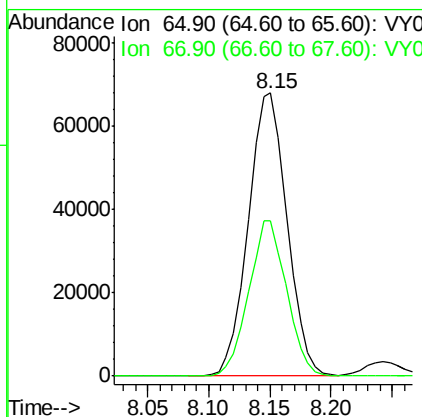
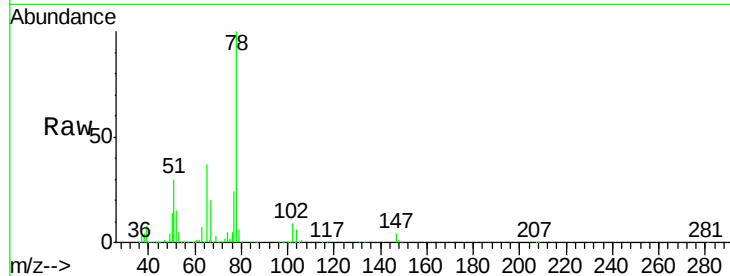
#33
 1,2-Dichloroethane-d4
 Concen: 52.754 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.9	0.0	109.0	

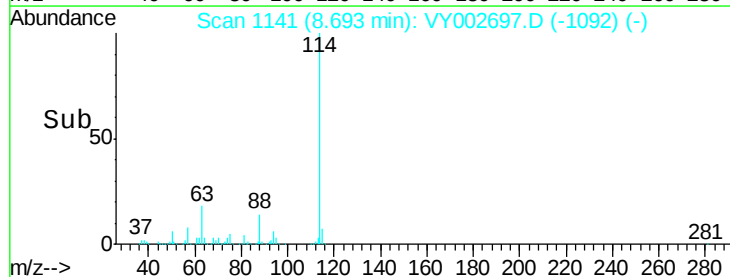
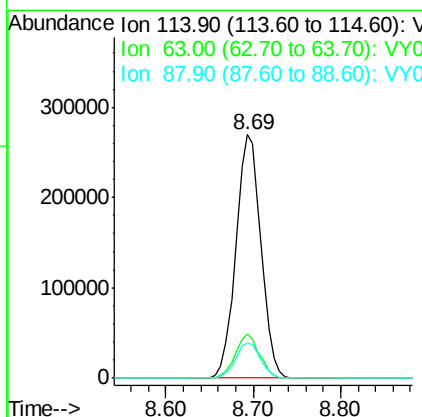
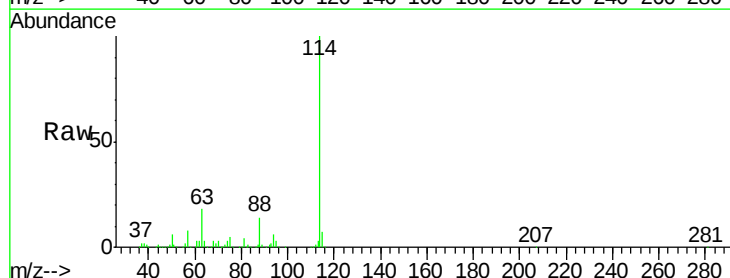
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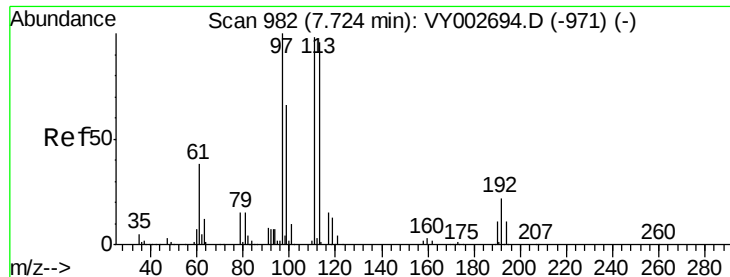
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.8	0.0	35.4	
88	14.4	0.0	29.4	





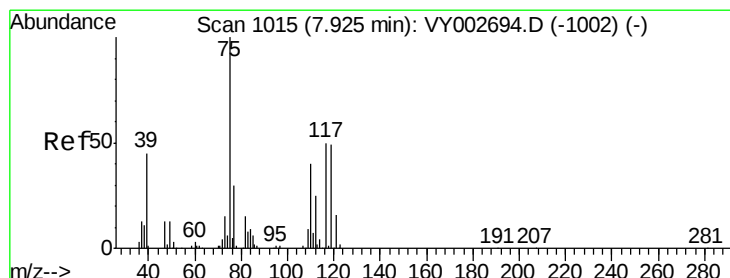
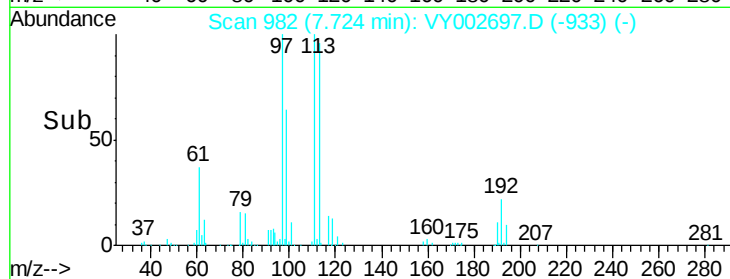
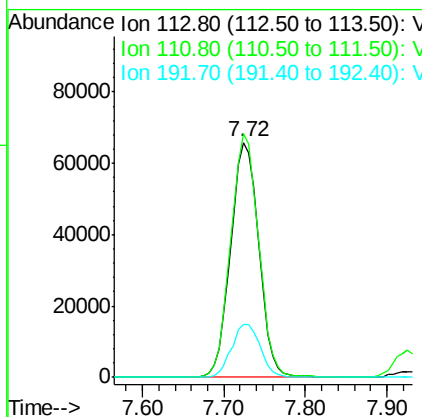
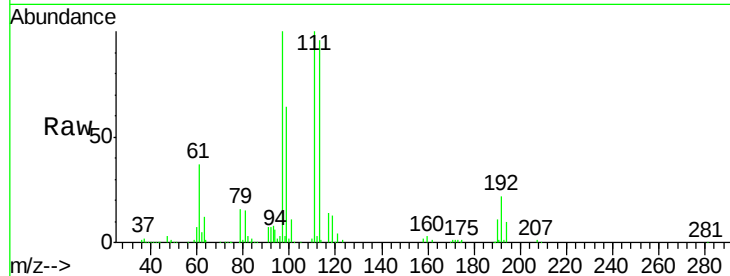
#35
 Dibromofluoromethane
 Concen: 52.974 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.2	81.9	122.9	
192	23.2	18.6	27.8	

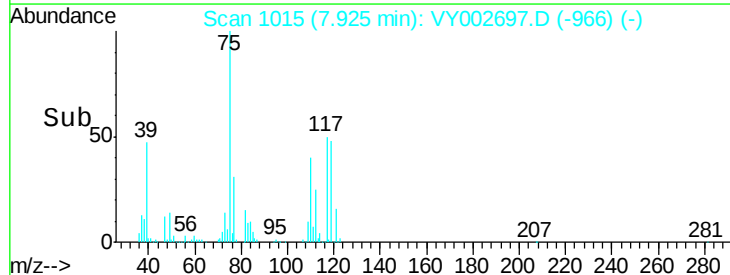
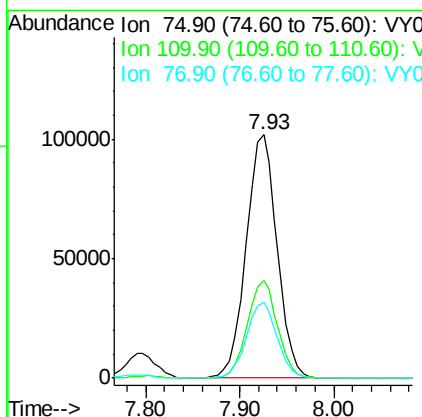
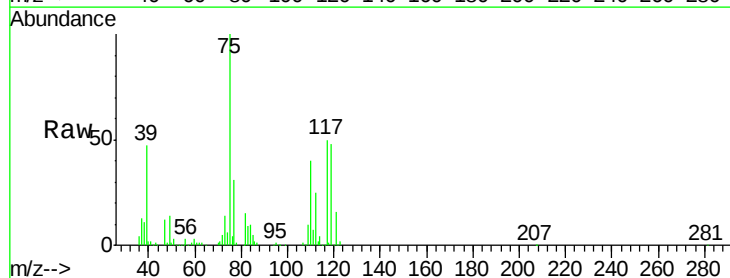
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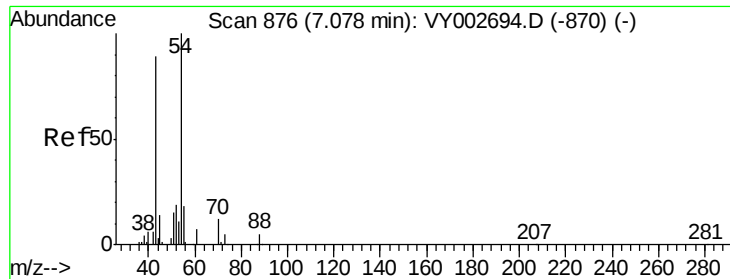
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#36
 1,1-Dichloropropene
 Concen: 51.898 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.9	19.4	58.4	
77	30.9	25.0	37.4	





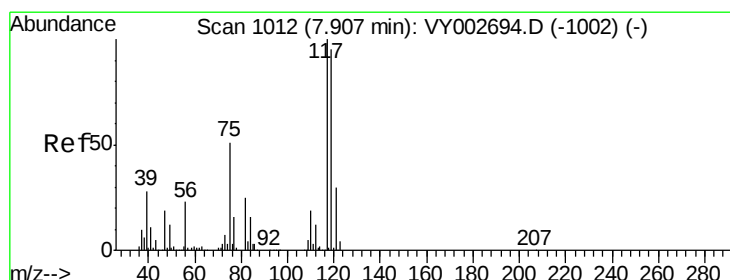
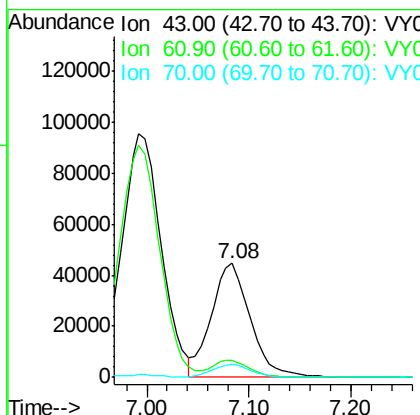
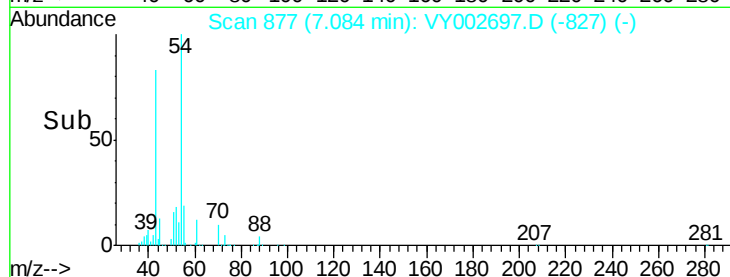
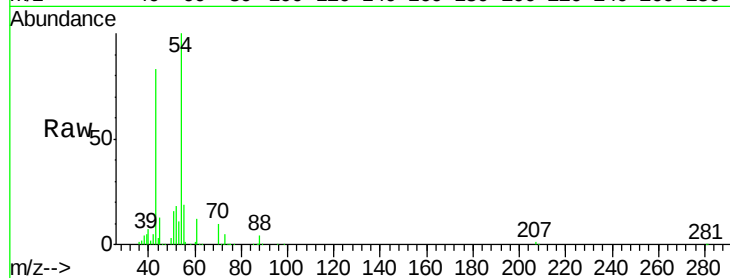
#37
Ethyl Acetate
Concen: 53.103 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.8	17.8
70	11.4	9.2	13.8

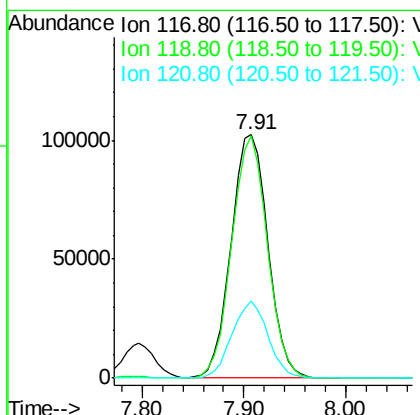
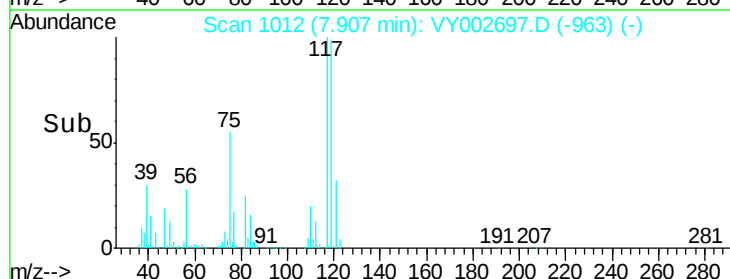
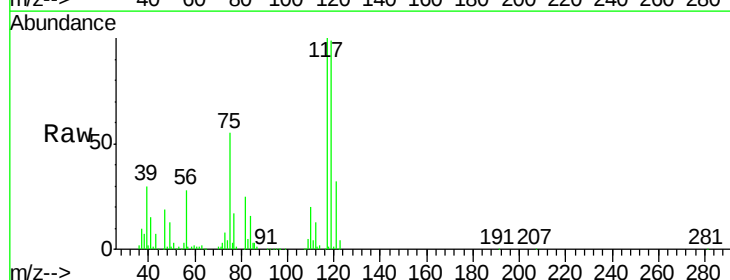
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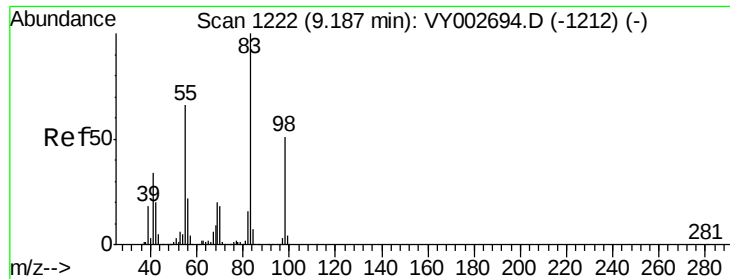
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#38
Carbon Tetrachloride
Concen: 52.681 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	76.3	114.5
121	32.0	24.2	36.2





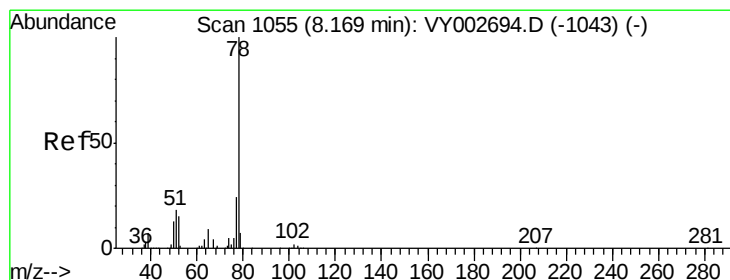
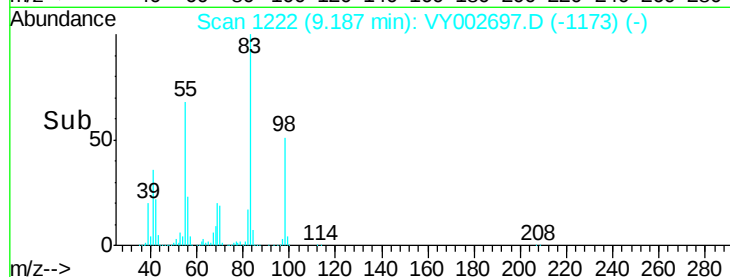
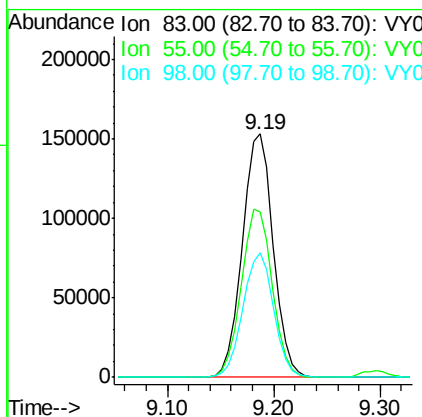
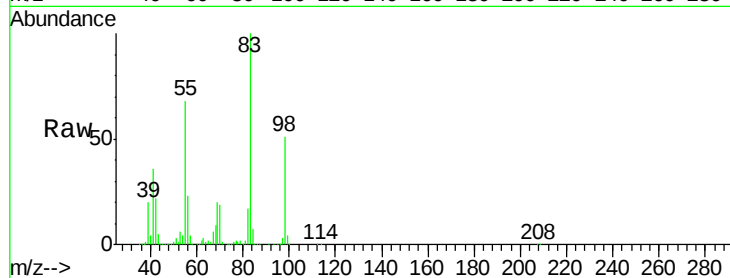
#39
Methvlcvclohexane
Concen: 51.337 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.0	53.0	79.6
98	51.3	40.8	61.2

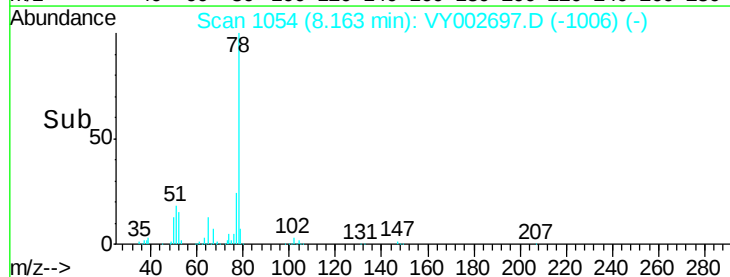
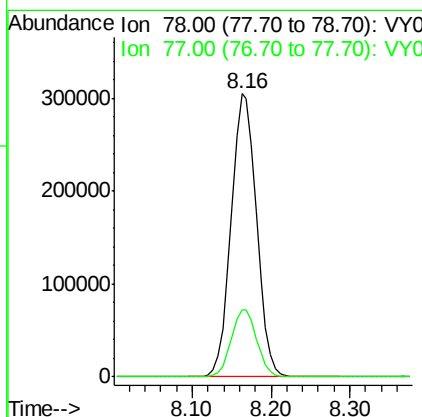
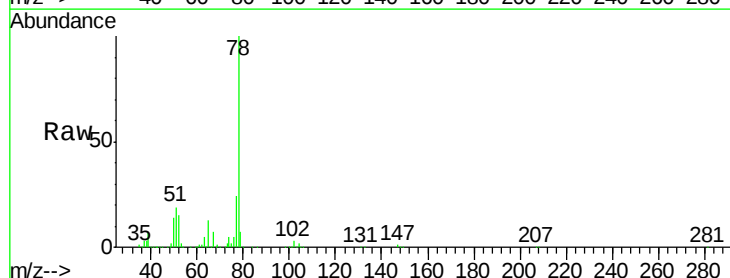
Manual Integrations
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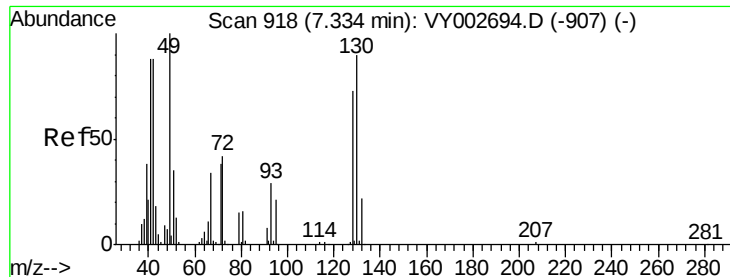
MMDadoda
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#40
Benzene
Concen: 51.540 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





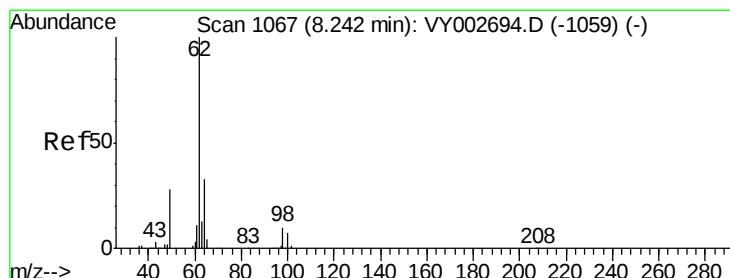
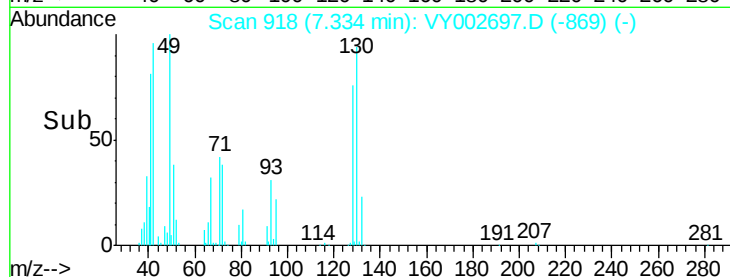
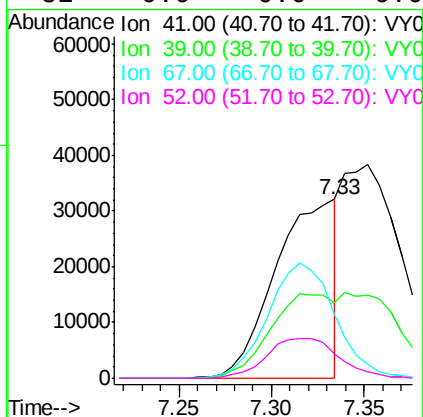
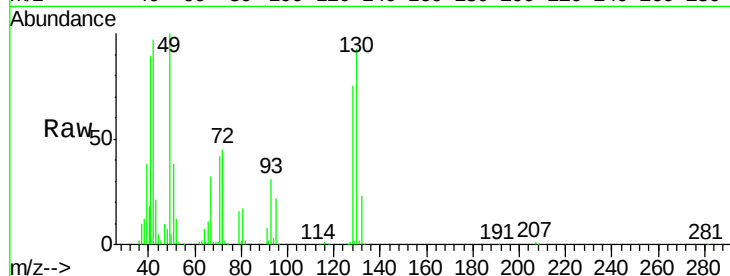
#41
Methacrylonitrile
Concen: 55.053 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

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

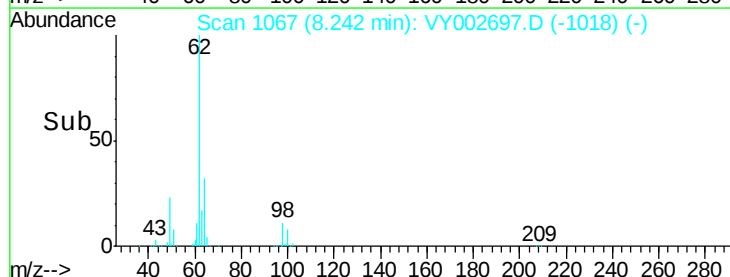
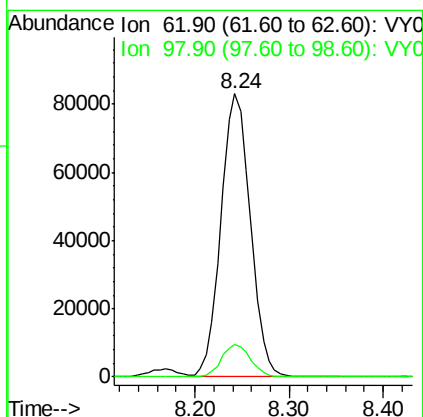
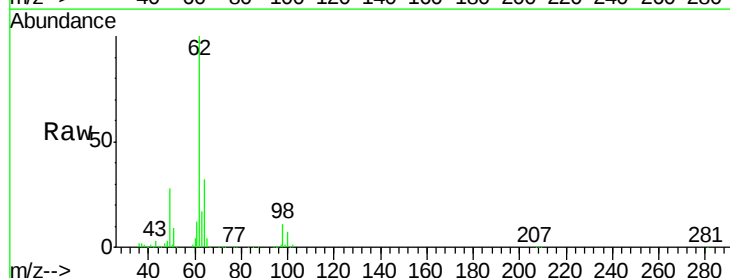
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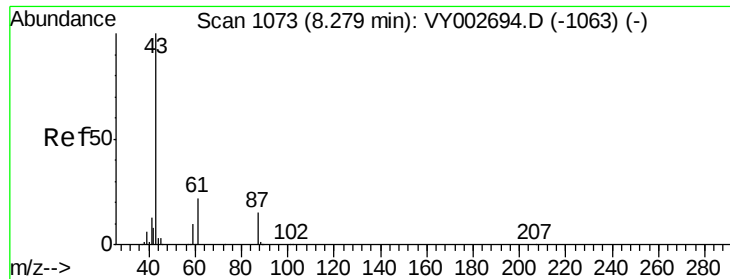
MMDadoda
5/18/2020 1:36:12 PM



#42
1,2-Dichloroethane
Concen: 51.738 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.8





#43

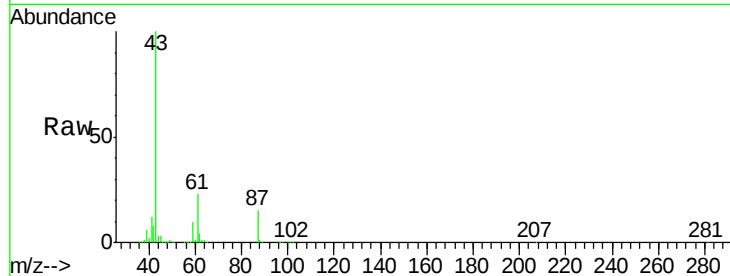
Isopropyl Acetate
 Concen: 53.558 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.9	37.3
87	15.3	12.6	19.0

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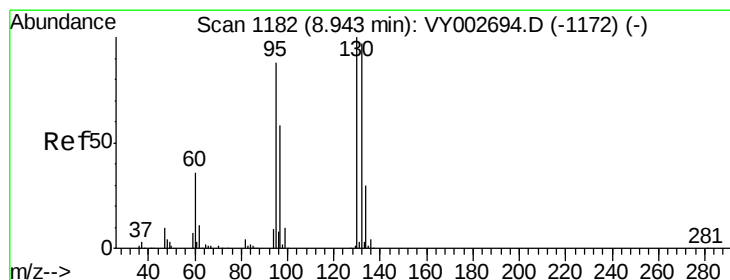
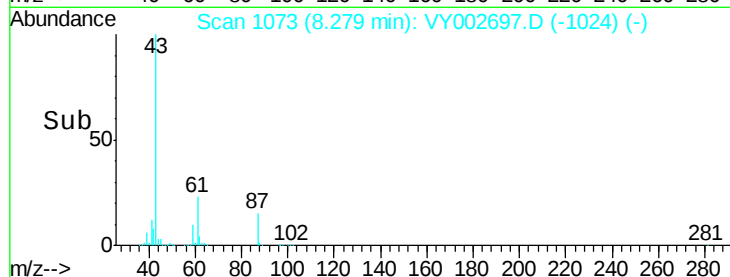
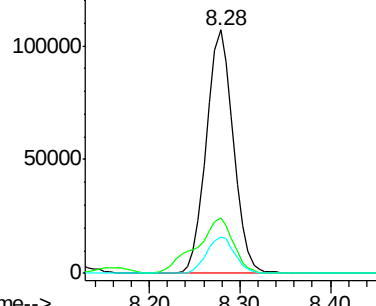
MMDadoda
 5/18/2020 1:36:12 PM



Abundance Ion 43.00 (42.70 to 43.70): VY002697.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002697.D (-1063) (-)

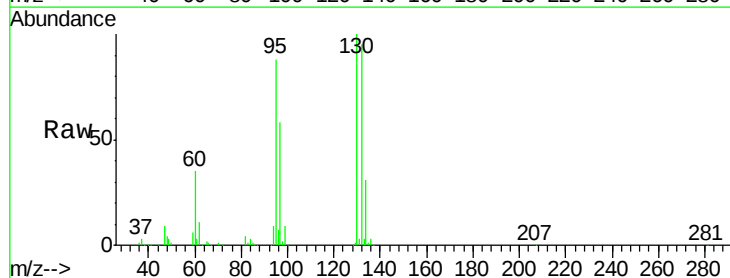
Ion 87.00 (86.70 to 87.70): VY002697.D (-1063) (-)



#44

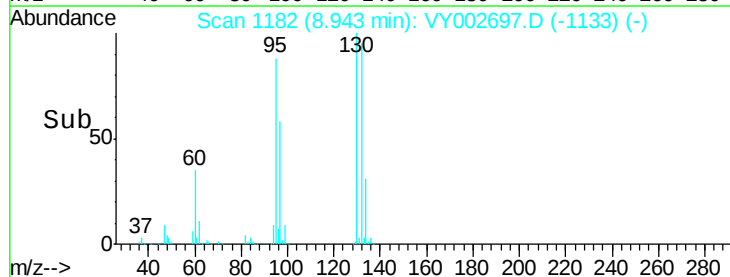
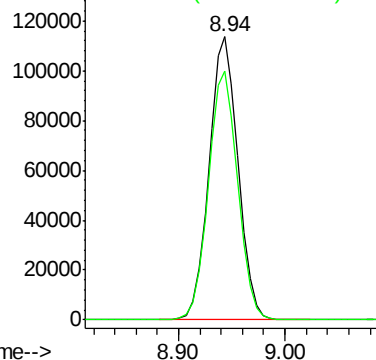
Trichloroethene
 Concen: 51.418 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

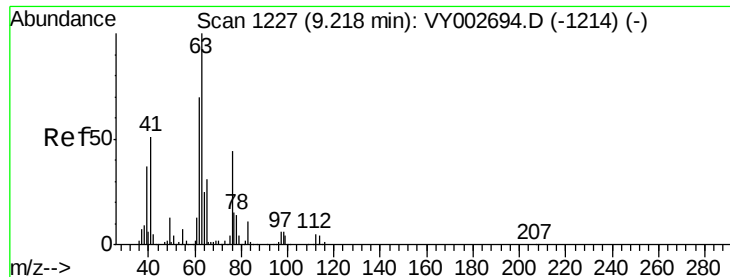
Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.9	0.0	176.4



Abundance Ion 129.80 (129.50 to 130.50): VY002697.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002697.D (-1172) (-)





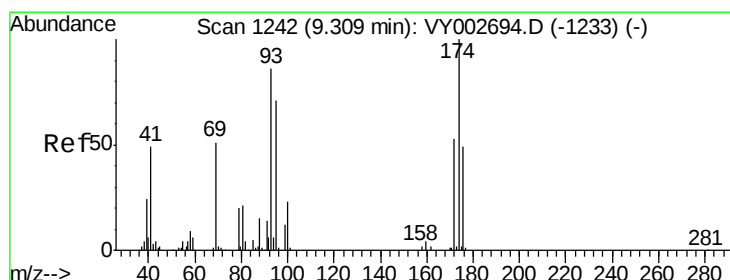
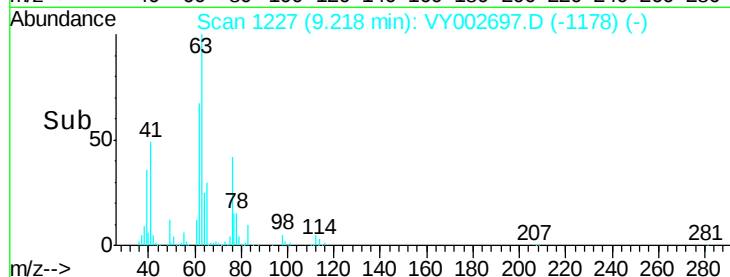
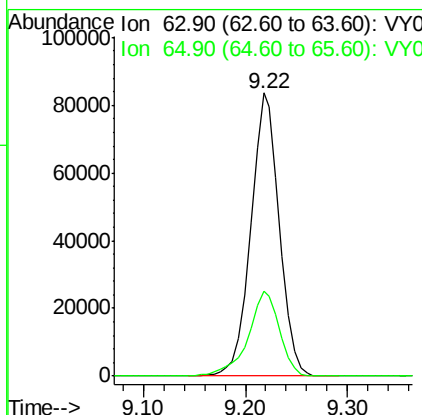
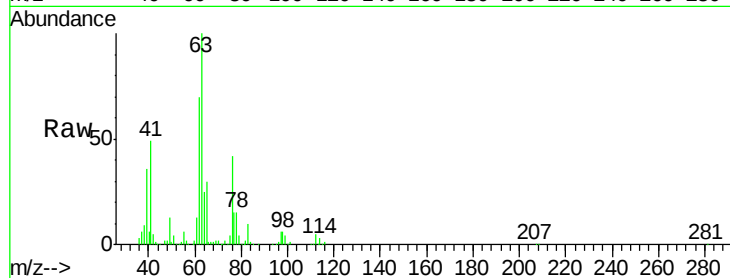
#45
 1,2-Dichloropropane
 Concen: 51.654 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion	63	Resp	161962
Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.7	37.1

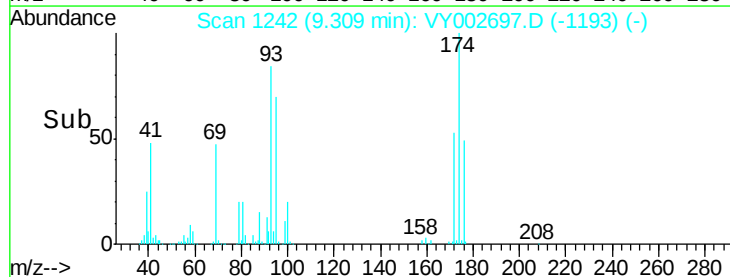
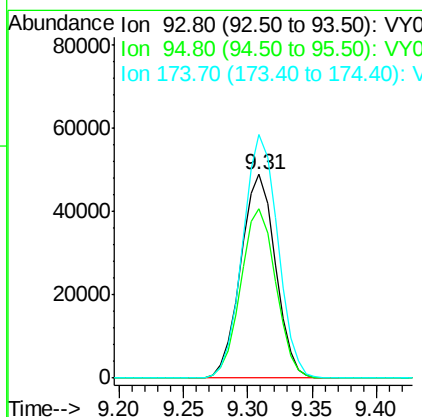
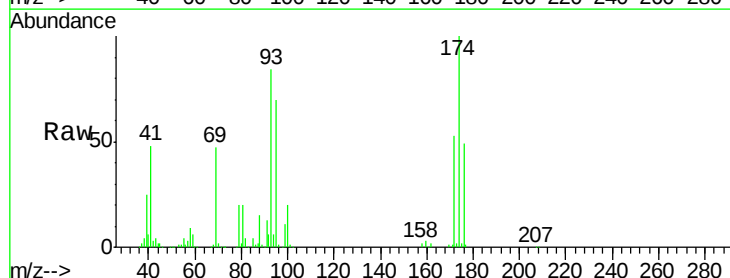
Manual Integrations
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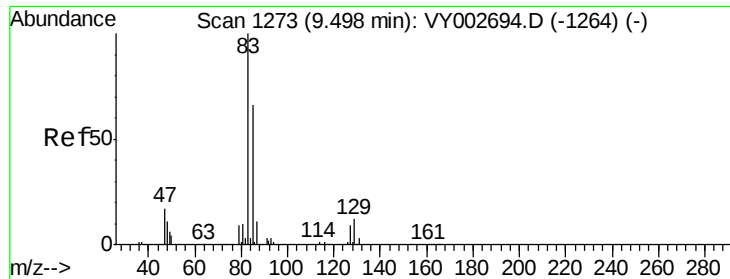
MMDadoda
 5/18/2020 1:36:12 PM



#46
 Dibromomethane
 Concen: 51.850 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	93	Resp	91340
Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.5	99.7
174	120.6	95.6	143.4





#47

Bromodichloromethane

Concen: 52.120 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

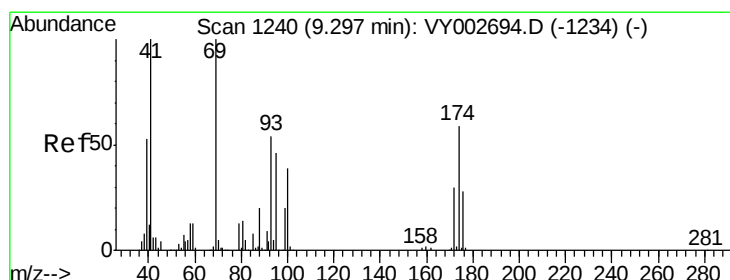
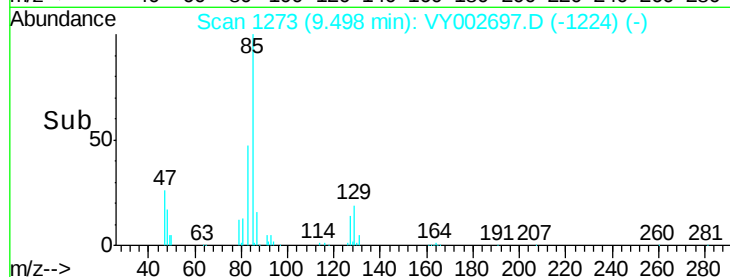
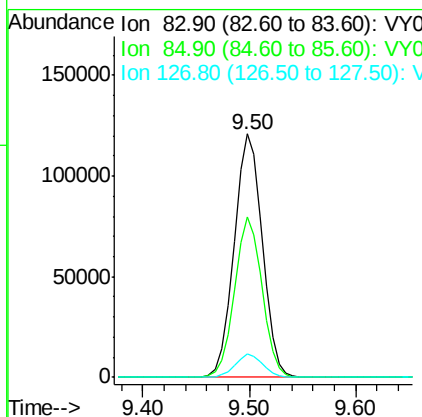
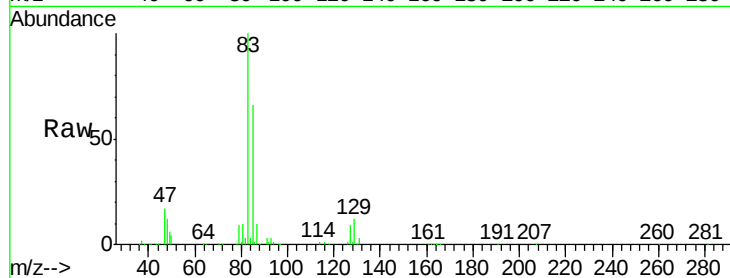
ClientSampleId :

ICVVY051520

Tot Ion:	83	Resp:	224081
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.4	78.6
127	9.4	7.6	11.4

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#48

Methyl methacrylate

Concen: 53.293 ug/l

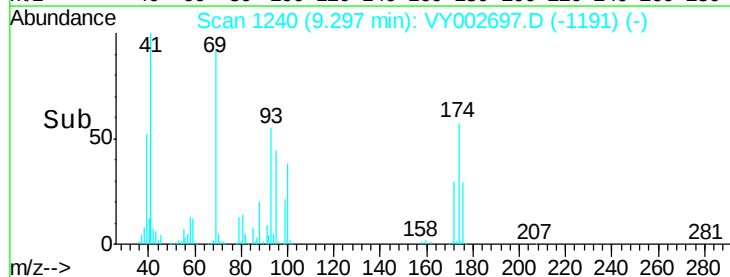
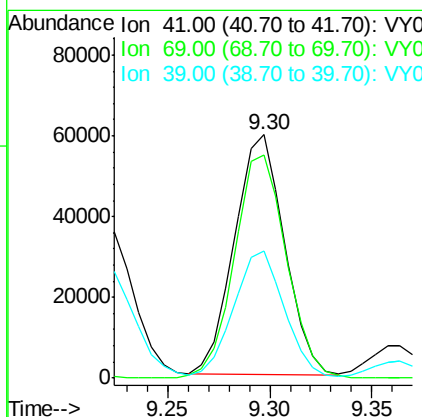
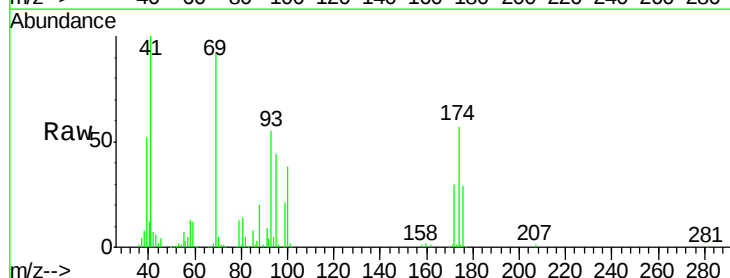
RT: 9.30 min Scan# 1240

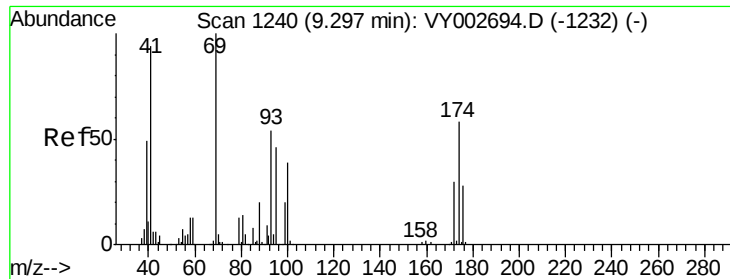
Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Tgt Ion:	41	Resp:	101556
Ion	Ratio	Lower	Upper
41	100		
69	96.5	78.7	118.1
39	52.2	42.9	64.3





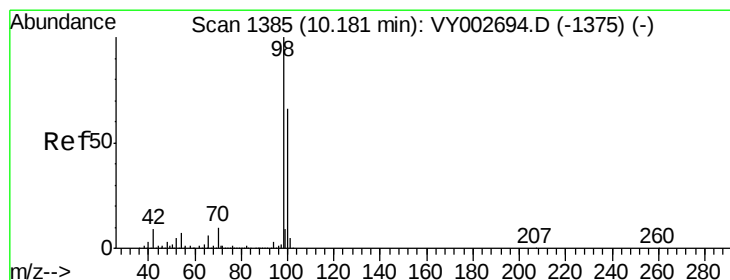
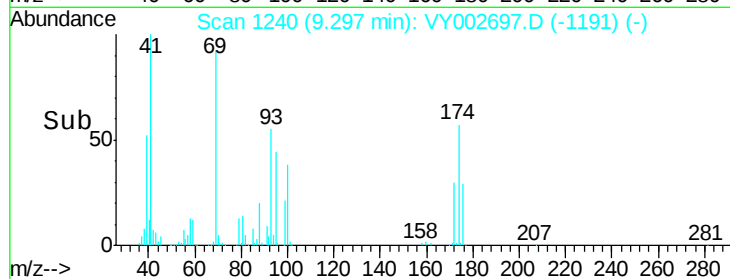
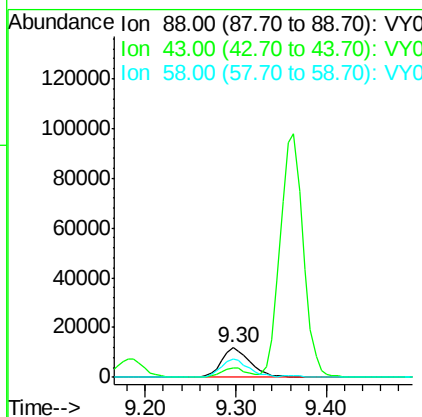
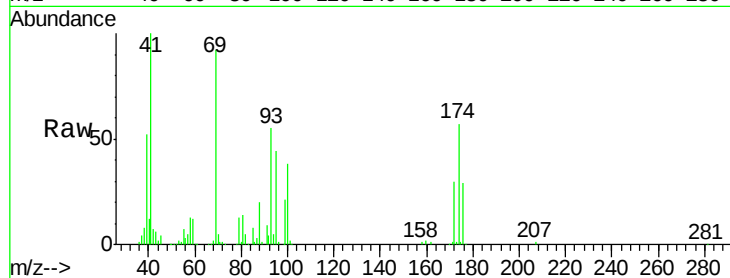
#49
1,4-Dioxane
Concen: 1094.089 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051520

Tot Ion	88	Resp	26250
Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.4	35.0
58	61.5	54.5	81.7

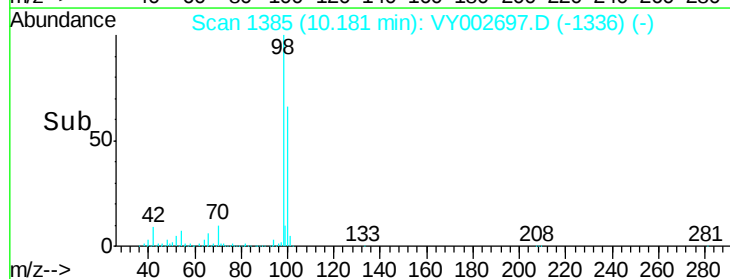
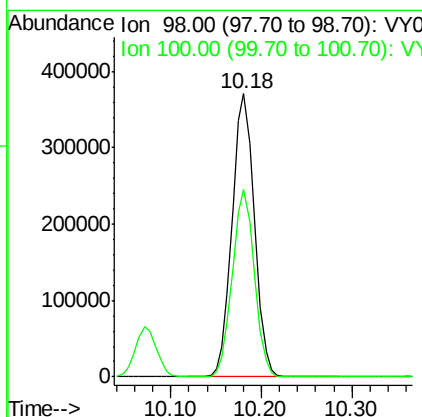
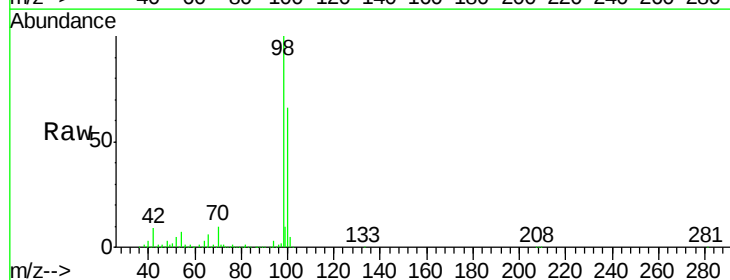
Manual Integrations
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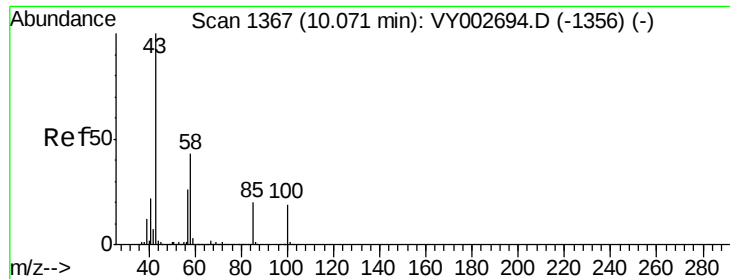
MMDadoda
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#50
Toluene-d8
Concen: 53.137 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	98	Resp	631477
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 272.303 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051520

Tot Ion: 43 Resp: 581864

Ion Ratio Lower Upper

43 100

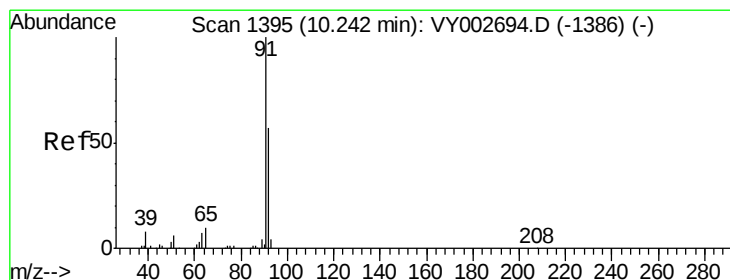
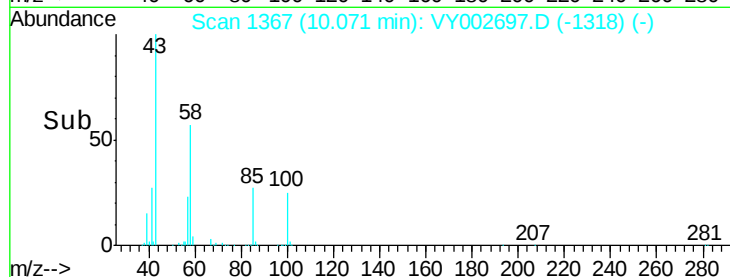
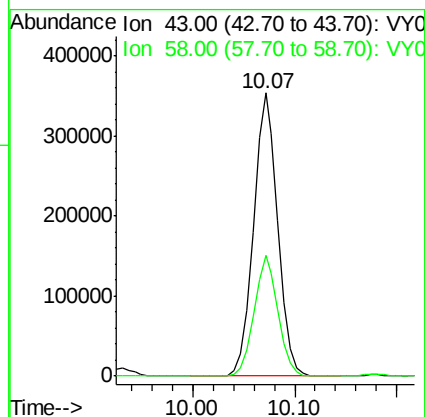
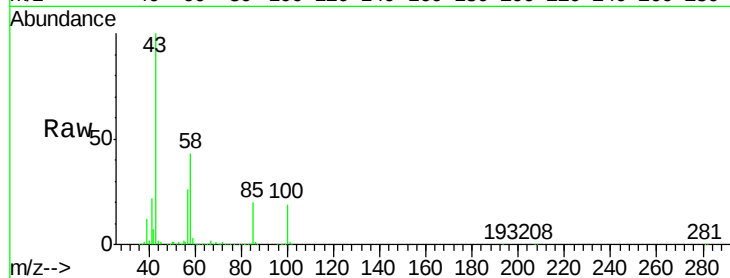
58 42.2 34.1 51.1

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#52

Toluene

Concen: 51.267 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002697.D

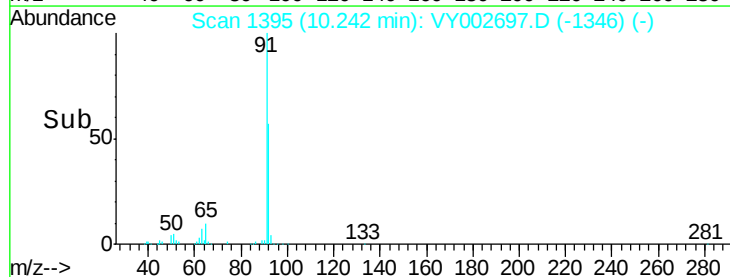
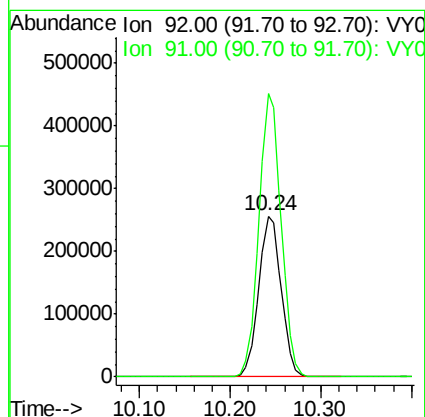
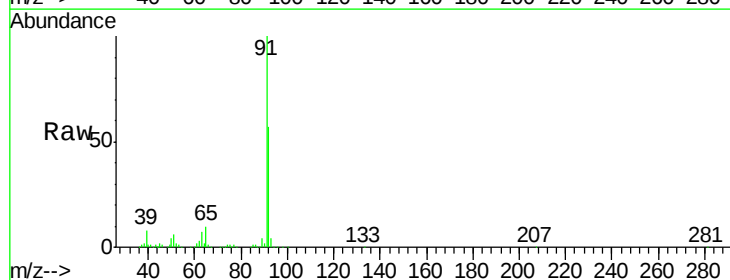
Acq: 15 May 2020 14:01

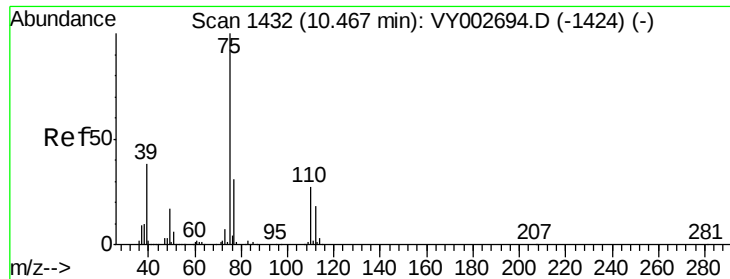
Tgt Ion: 92 Resp: 438310

Ion Ratio Lower Upper

92 100

91 174.2 138.8 208.2





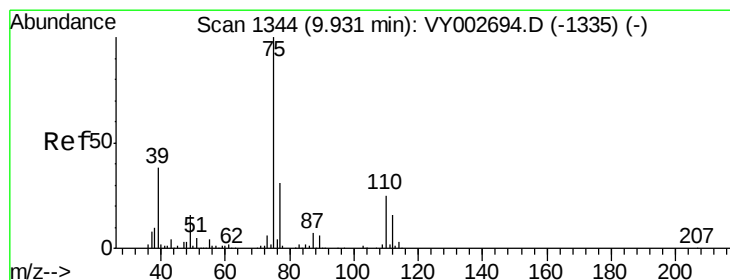
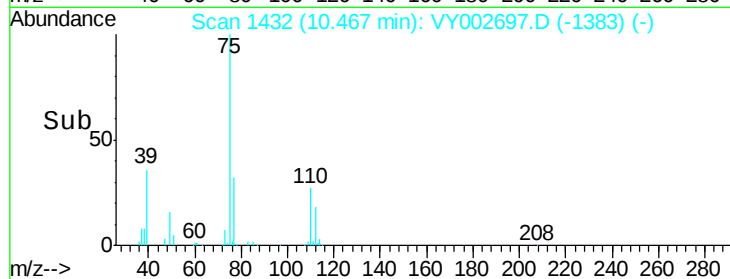
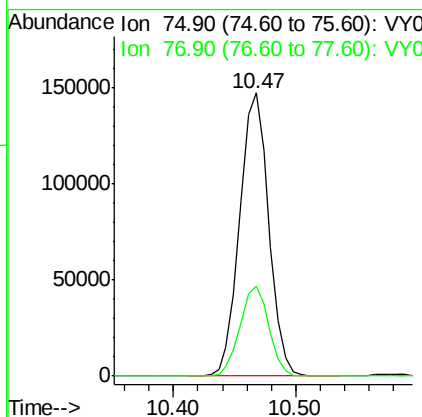
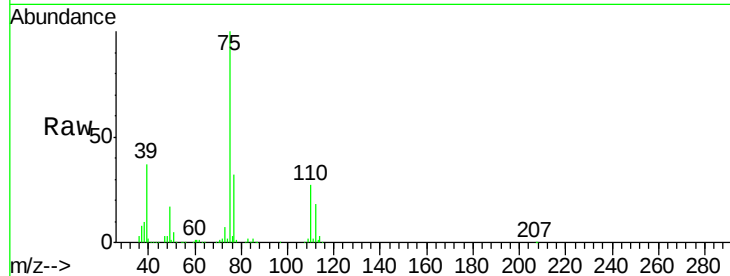
#53
t-1,3-Dichloropropene
Concen: 52.717 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7

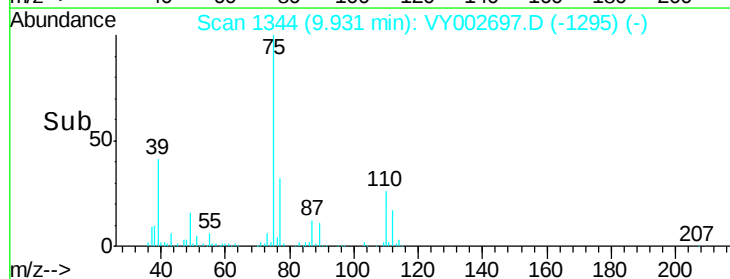
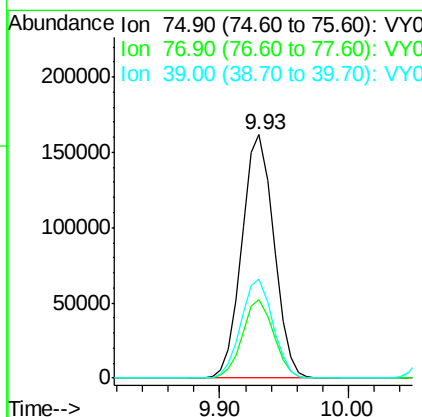
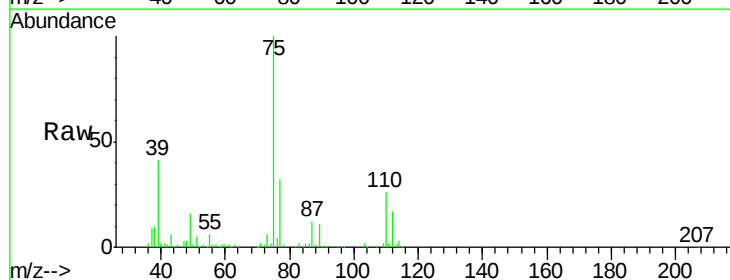
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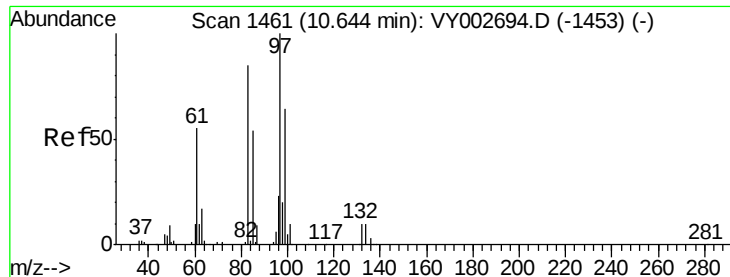
MMDadoda
5/18/2020 1:36:12 PM



#54
cis-1,3-Dichloropropene
Concen: 52.281 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.8	37.2
39	40.6	30.7	46.1





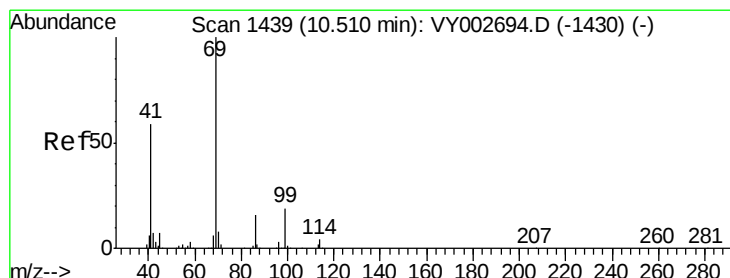
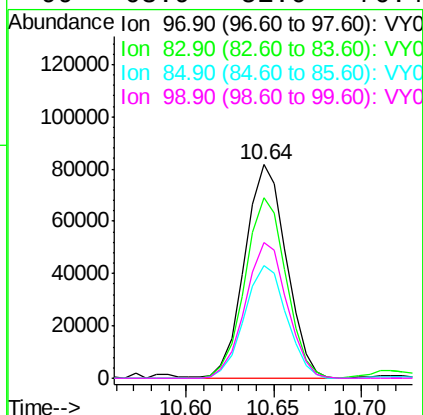
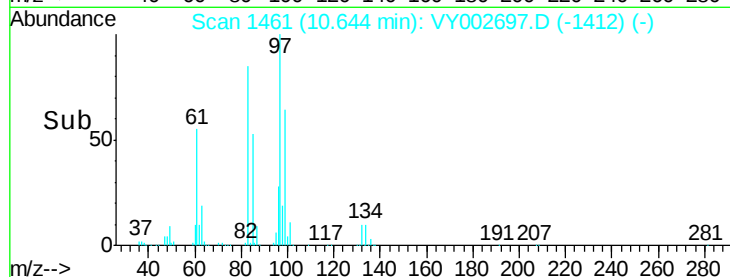
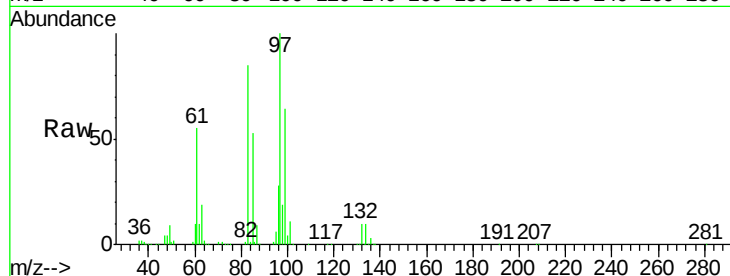
#55
 1,1,2-Trichloroethane
 Concen: 51.466 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion:	97	Resp:	134977
Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.1	102.1
85	52.9	43.1	64.7
99	63.9	51.0	76.4

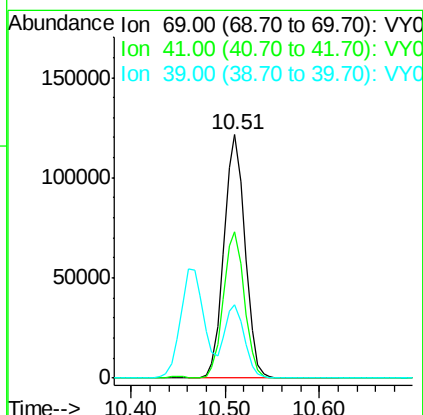
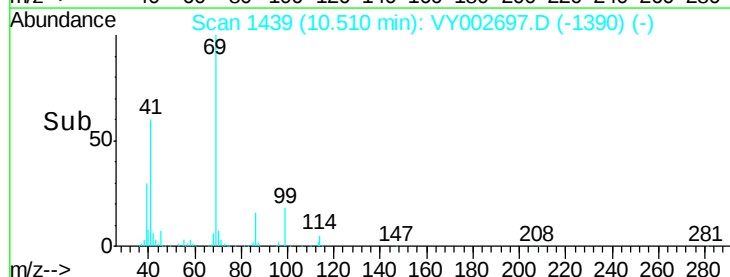
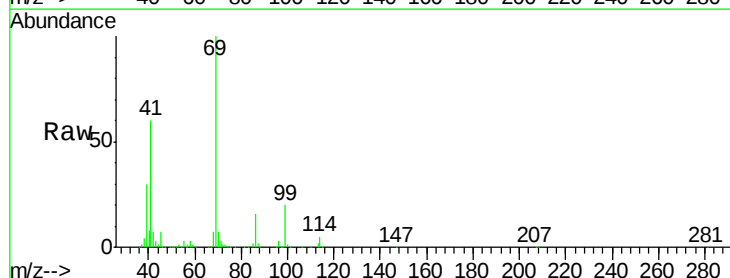
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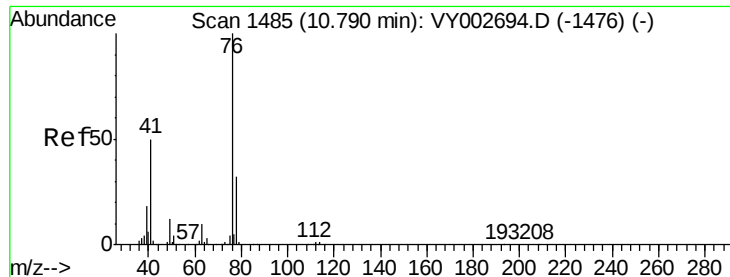
MMDadoda
 5/18/2020 1:36:12 PM



#56
 Ethyl methacrylate
 Concen: 53.971 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion:	69	Resp:	188440
Ion	Ratio	Lower	Upper
69	100		
41	59.6	48.0	72.0
39	28.0	22.1	33.1





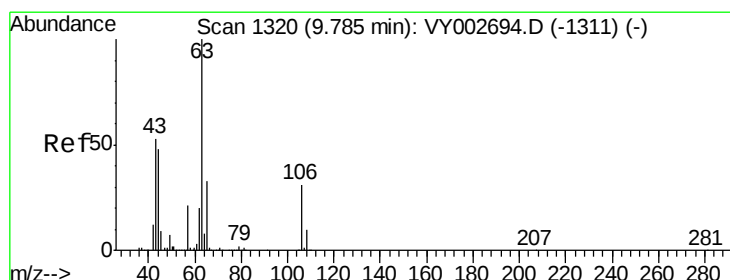
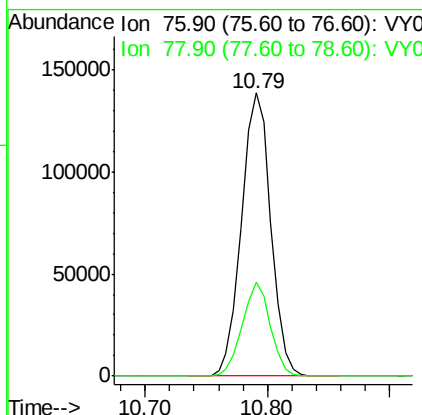
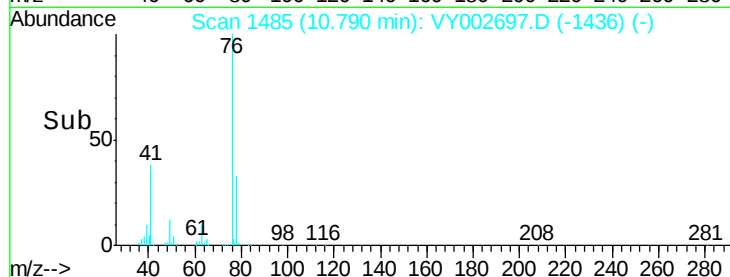
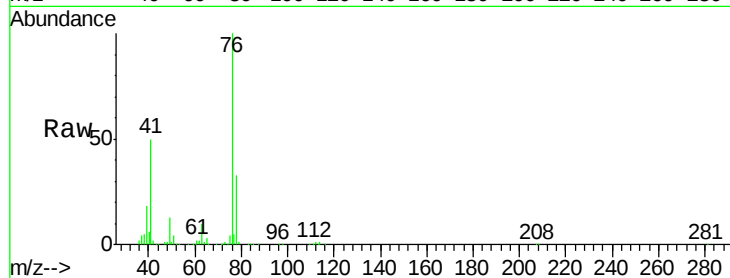
#57
 1,3-Dichloropropane
 Concen: 52.246 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.4

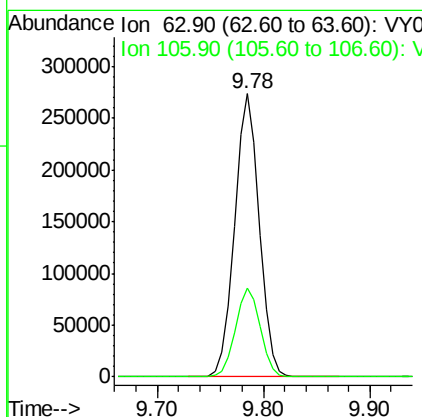
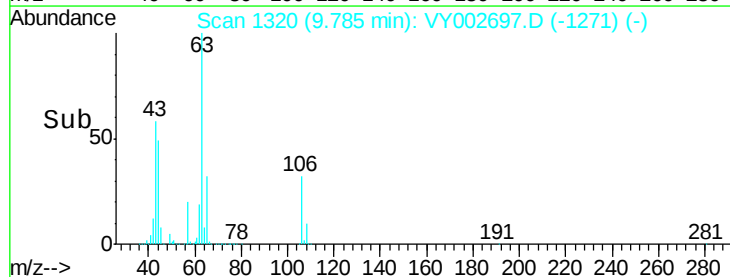
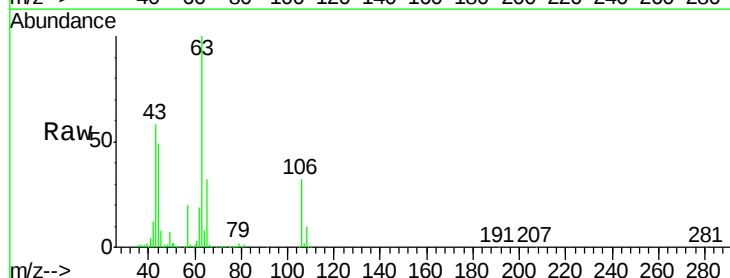
Manual Integrations
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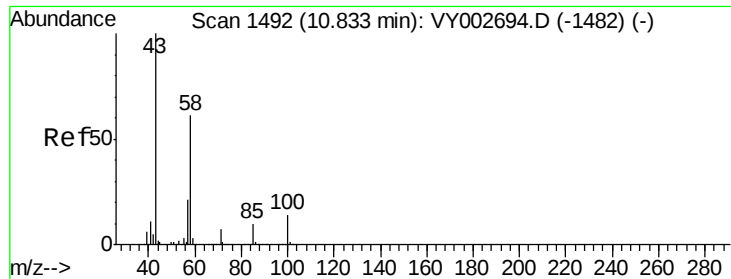
MMDadoda
 5/18/2020 1:36:12 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.282 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.5	25.1	37.7





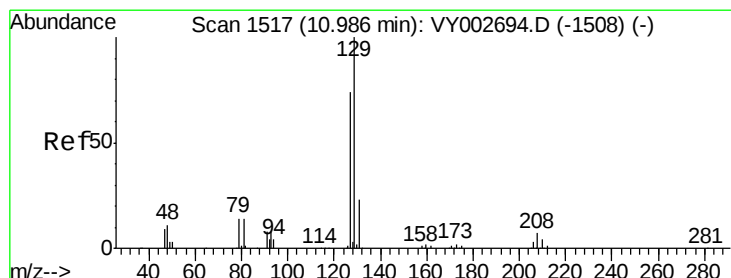
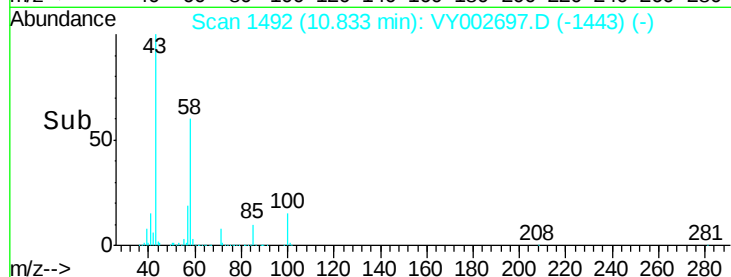
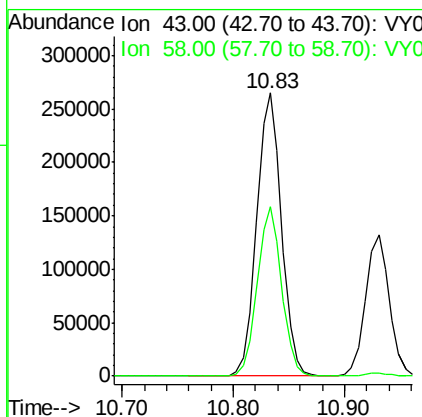
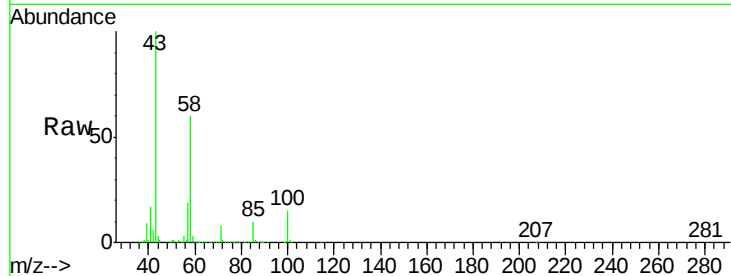
#59
2-Hexanone
Concen: 275.679 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion: 43 Resp: 410410
Ion Ratio Lower Upper
43 100
58 58.7 29.8 89.4

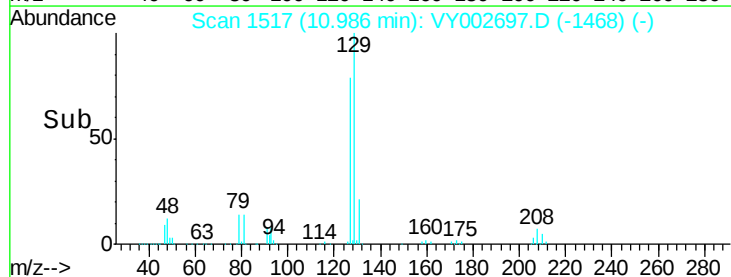
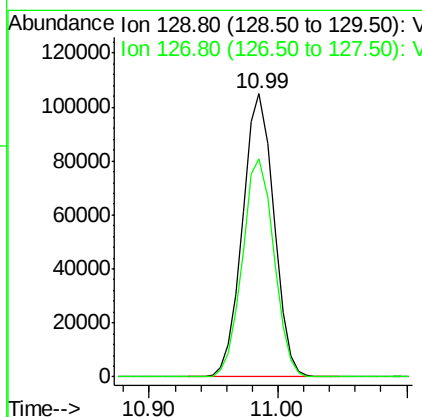
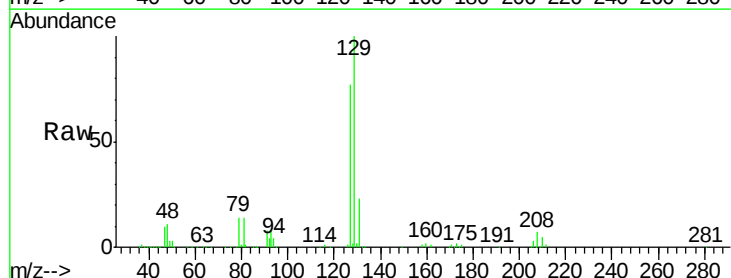
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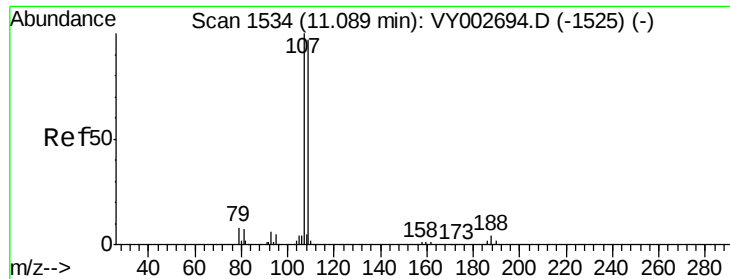
MMDadoda
5/18/2020 1:36:12 PM



#60
Dibromochloromethane
Concen: 52.658 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion: 129 Resp: 176430
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





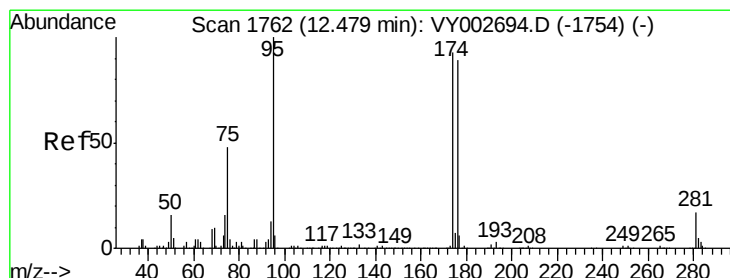
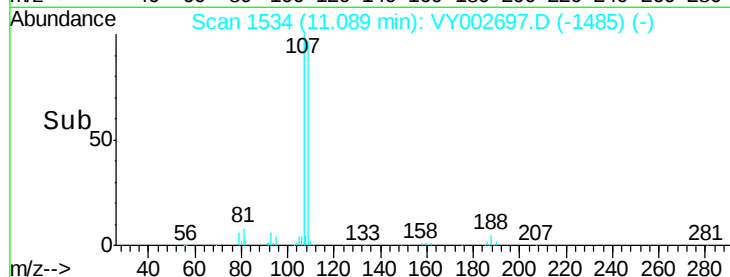
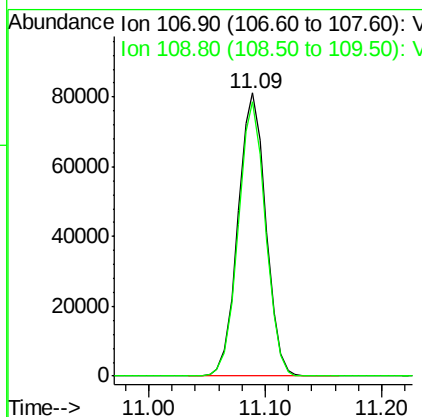
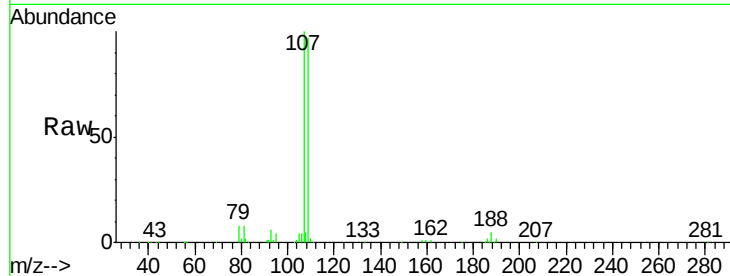
#61
 1,2-Dibromoethane
 Concen: 52.224 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.1	114.1

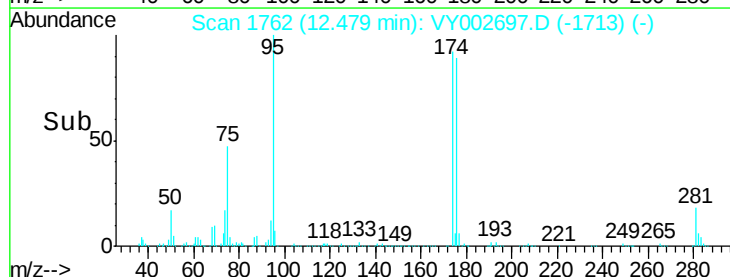
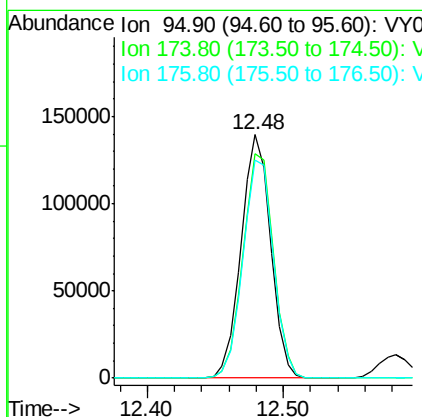
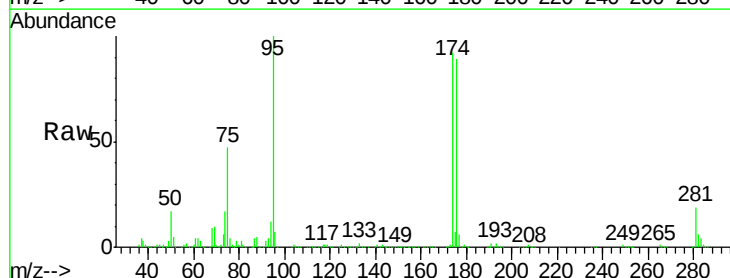
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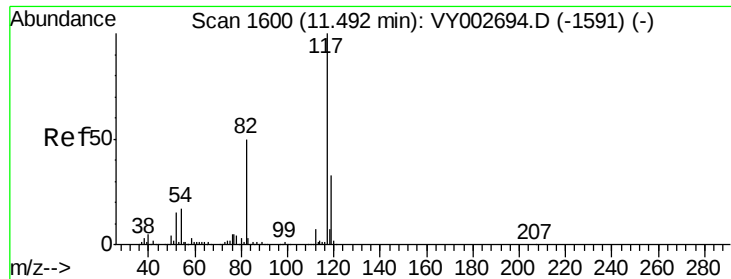
MMDadoda
 5/18/2020 1:36:12 PM



#62
 4-Bromofluorobenzene
 Concen: 51.817 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	191.4
176	92.7	0.0	186.0





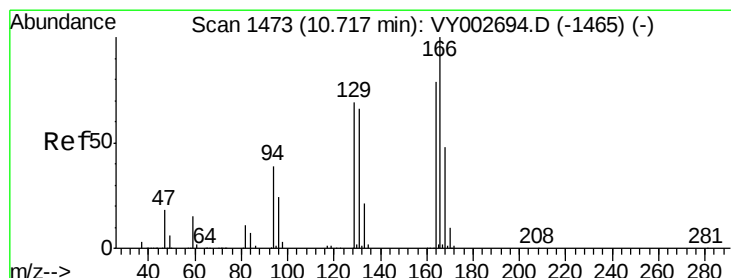
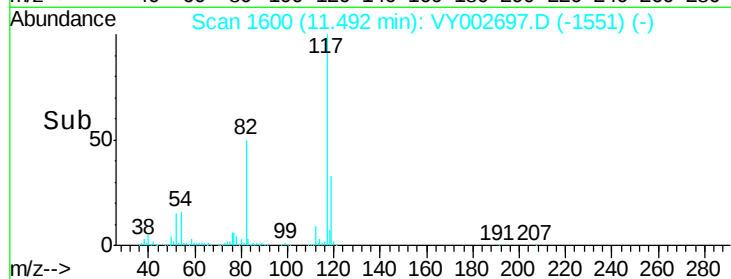
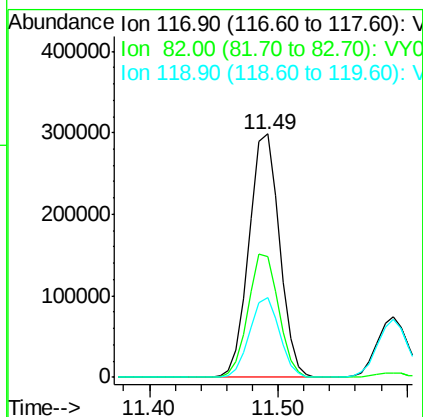
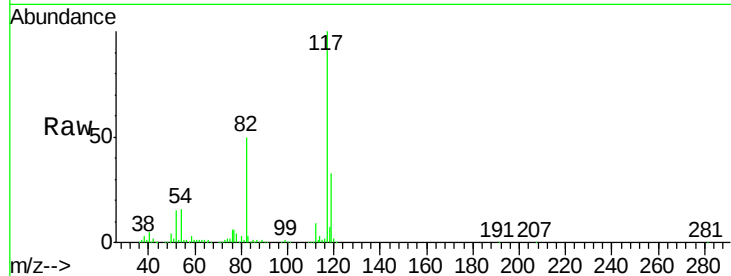
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ratio	Resp	Lower	Upper
117	100	486286		
82	49.8		40.3	60.5
119	32.6		26.2	39.4

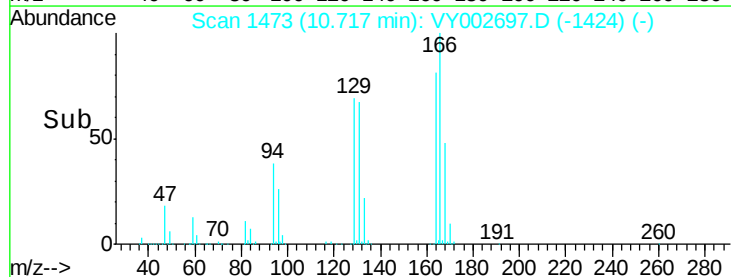
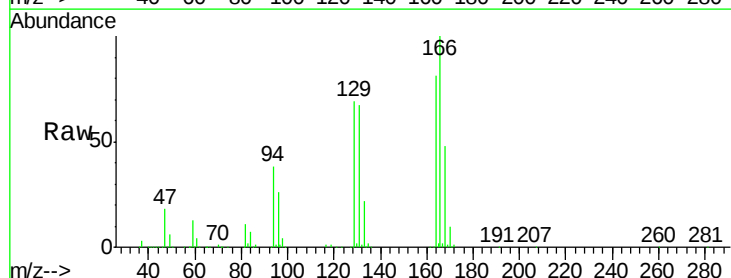
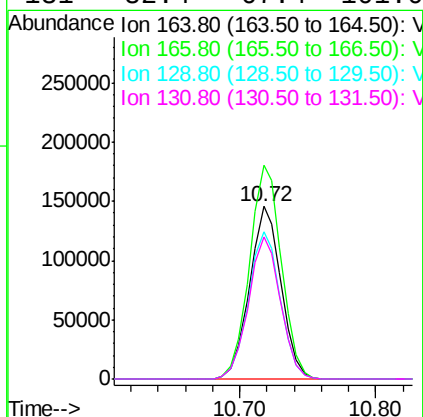
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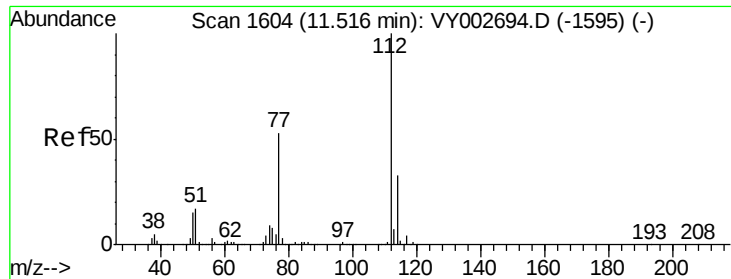
MMDadoda
5/18/2020 1:36:12 PM



#64
Tetrachloroethene
Concen: 51.214 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	236438		
166	123.8		101.6	152.4
129	85.1		70.2	105.4
131	82.4		67.4	101.0





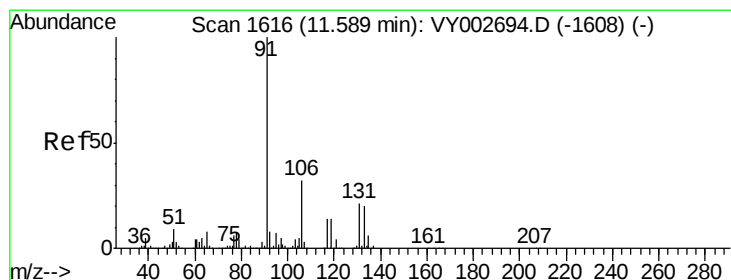
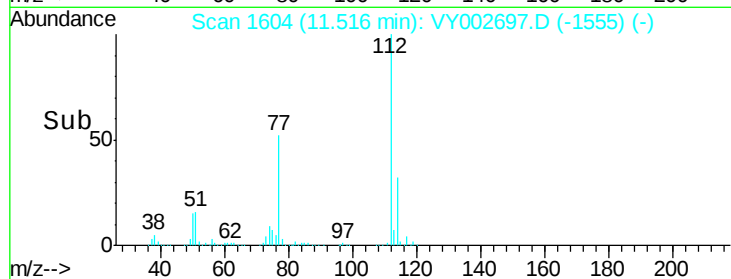
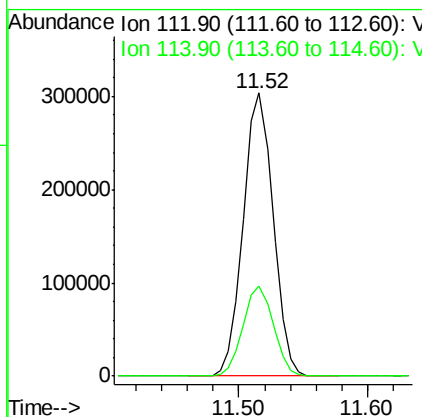
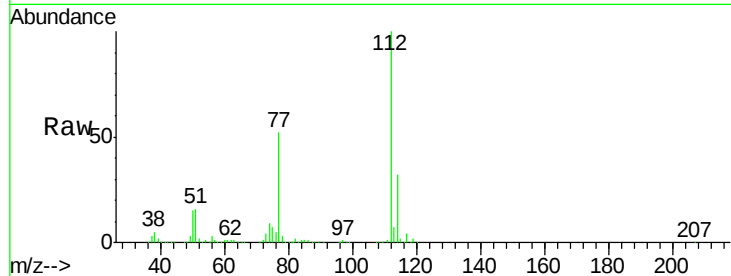
#65
Chlorobenzene
Concen: 51.890 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.1	39.1

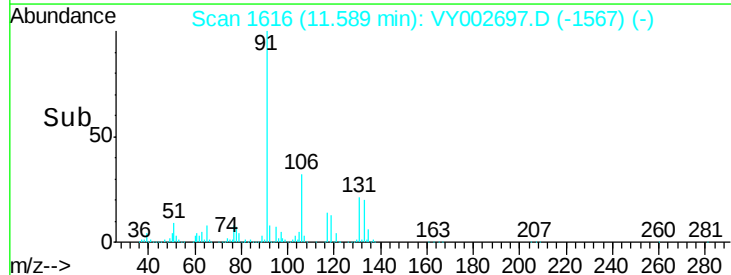
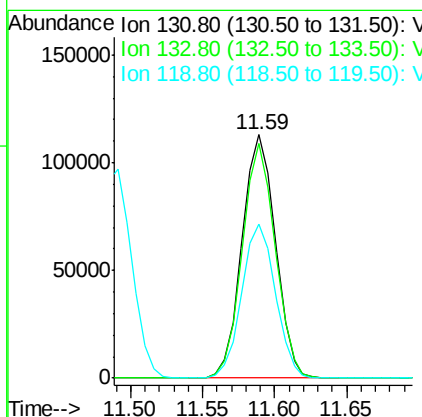
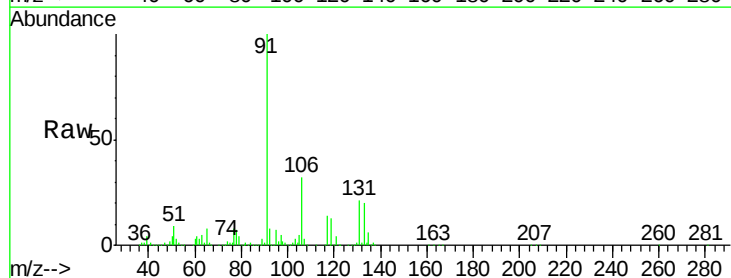
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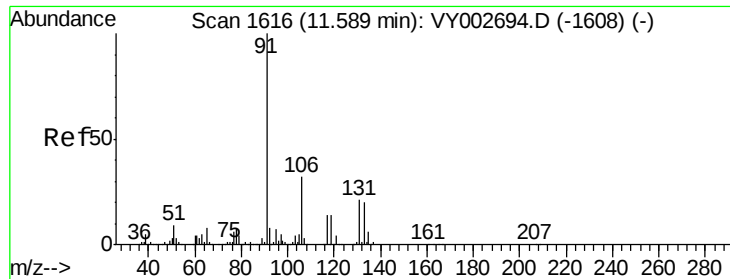
MMDadoda
5/18/2020 1:36:12 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.191 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.4	142.3
119	63.5	31.6	94.8





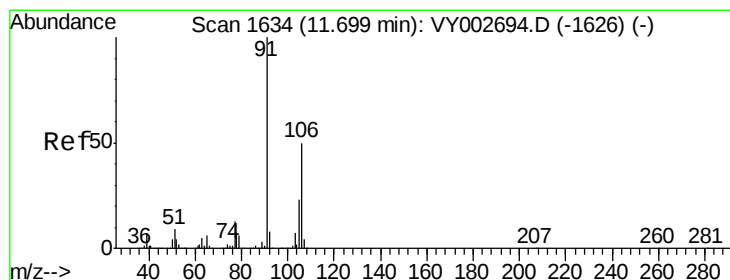
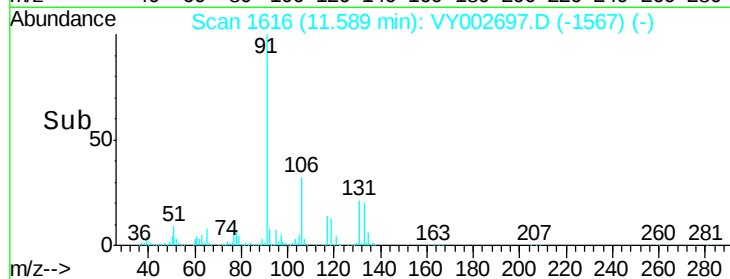
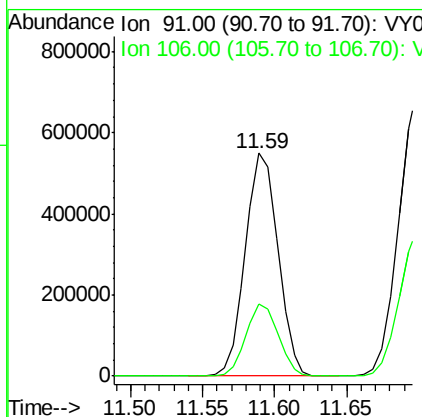
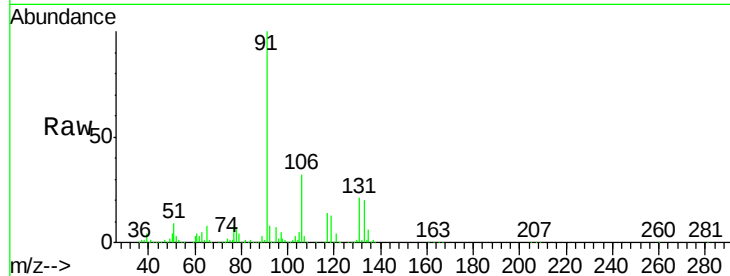
#67
Ethyl Benzene
Concen: 52.410 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.3	26.0	39.0

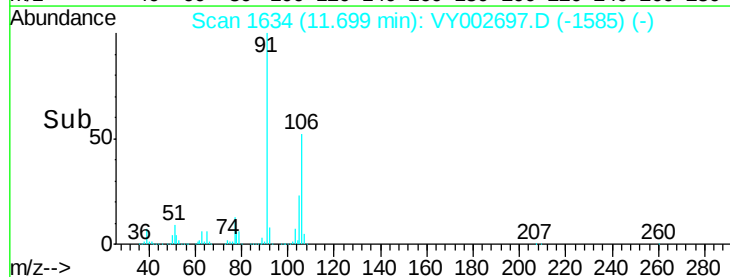
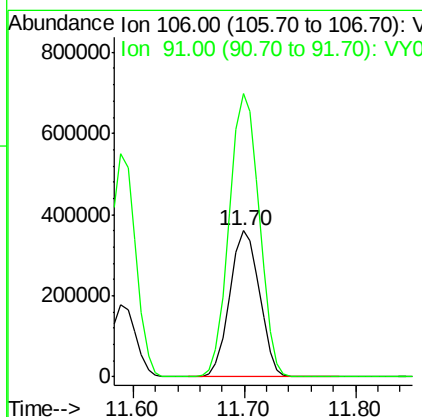
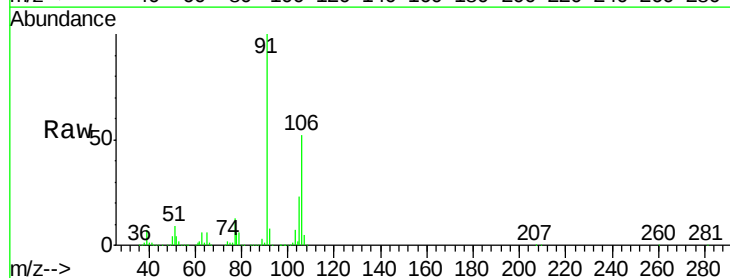
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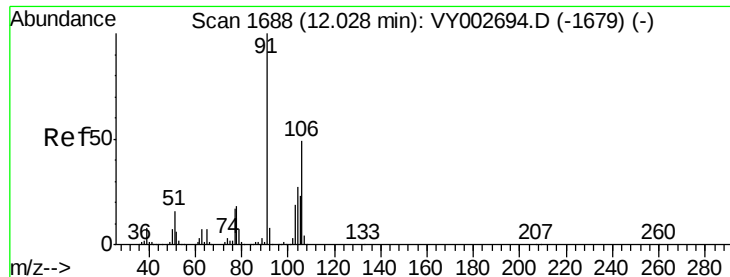
MMDadoda
5/18/2020 1:36:12 PM



#68
m/p-Xylenes
Concen: 103.954 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.9	156.2	234.4





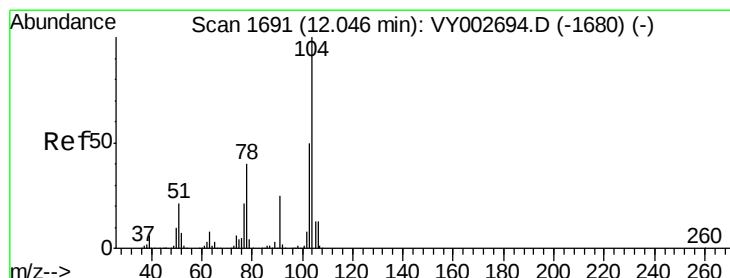
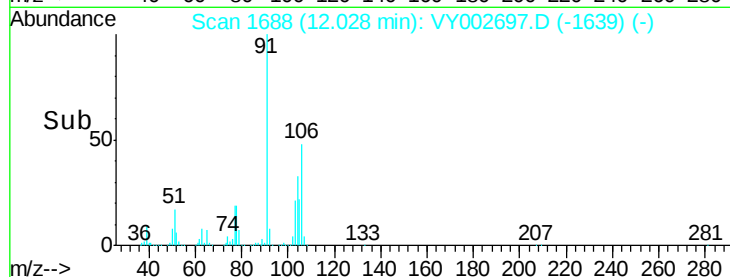
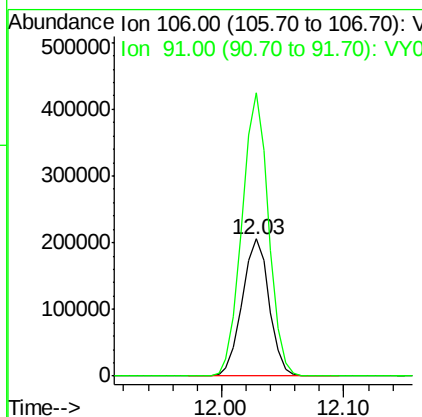
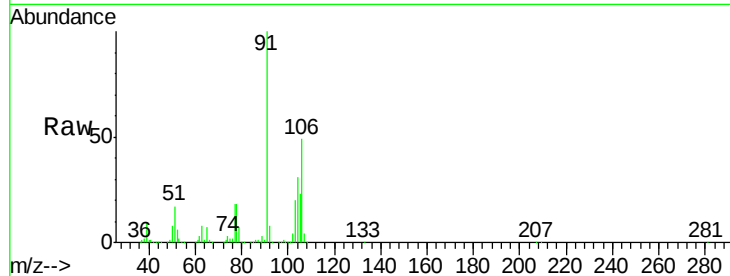
#69
o-Xylene
Concen: 52.386 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	202.4	103.5	310.3	

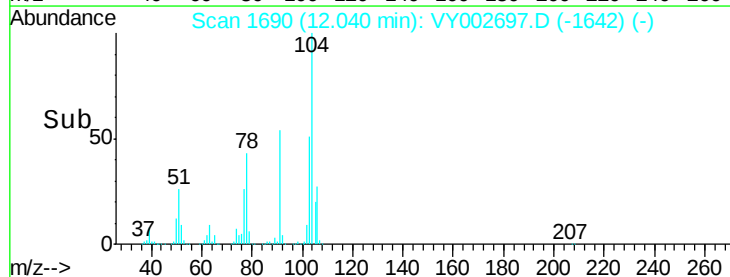
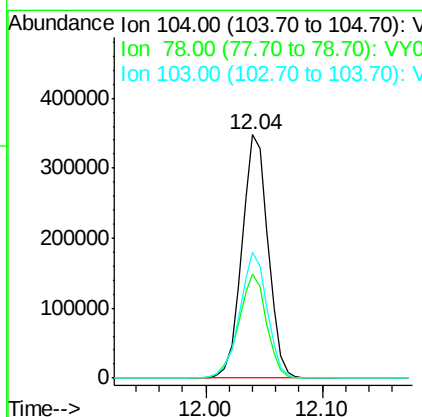
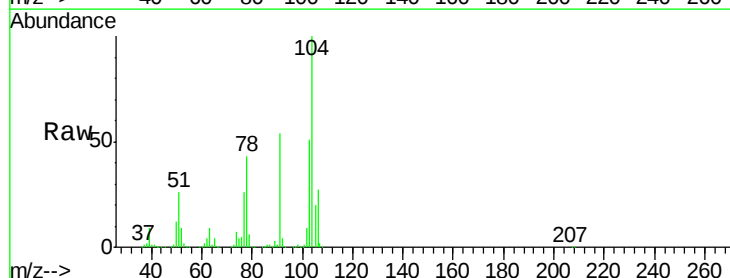
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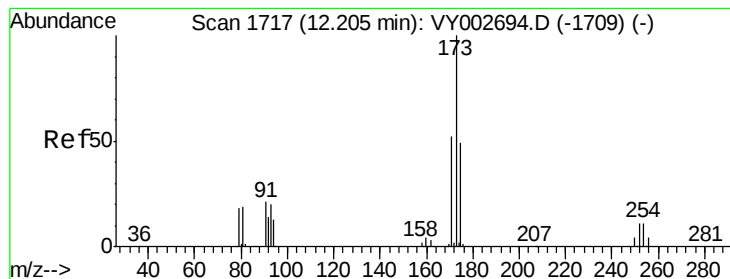
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#70
Styrene
Concen: 52.492 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	45.5	36.6	54.8	
103	54.3	44.1	66.1	





#71

Bromoform

Concen: 53.870 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

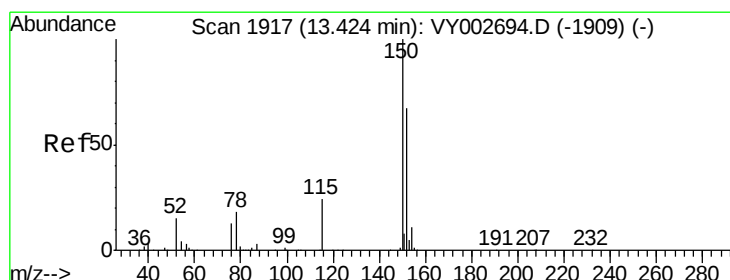
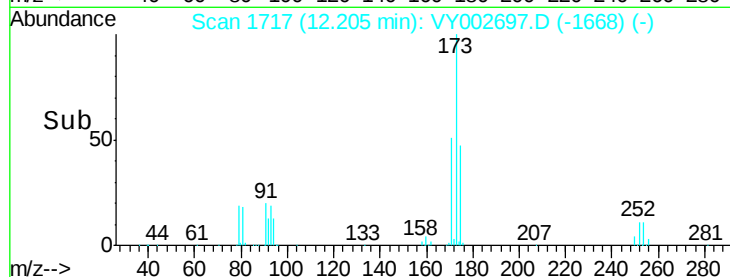
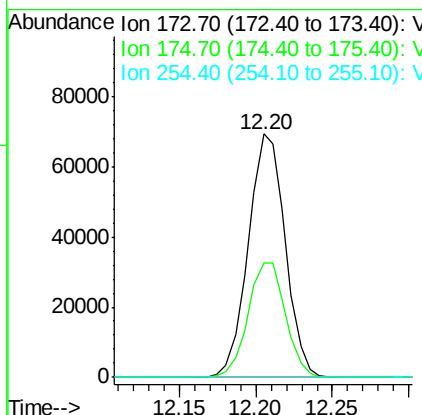
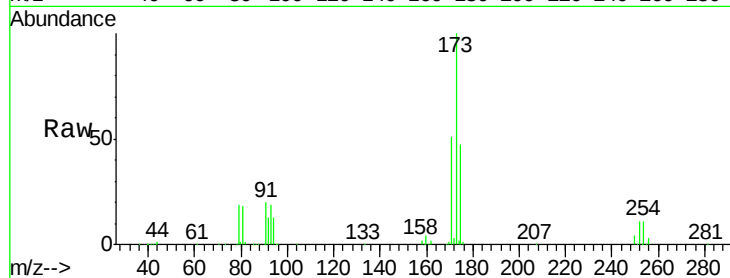
ClientSampleId :

ICVY051520

Tot Ion	Ratio	Resp	Lower	Upper
173	100	116131		
175	47.8	24.1	72.4	
254	0.1	0.1	0.1#	

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

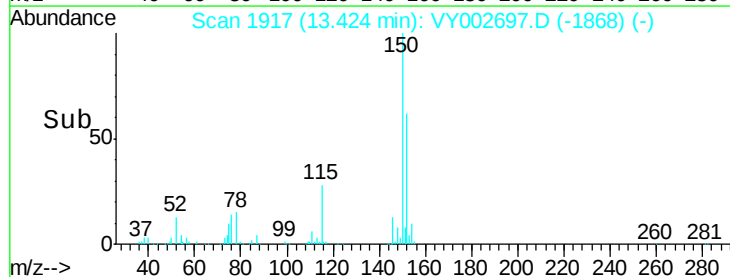
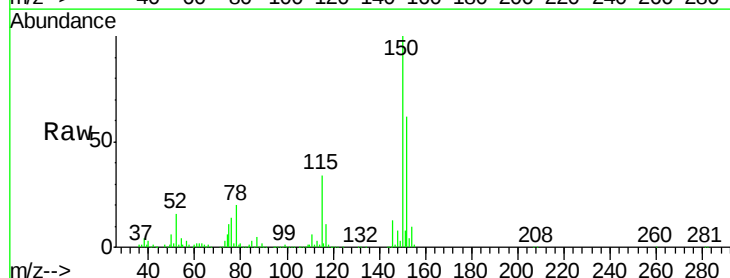
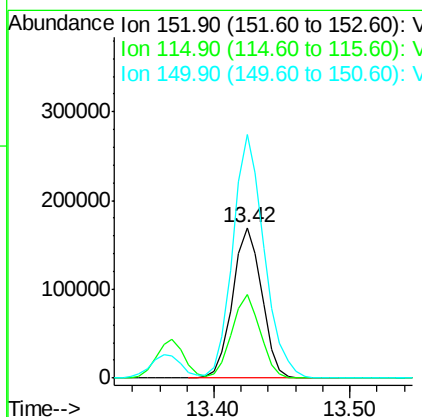
RT: 13.42 min Scan# 1917

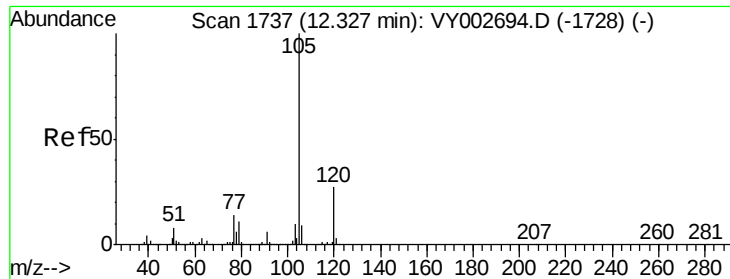
Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	252756		
115	54.3	27.2	81.6	
150	174.0	0.0	343.8	





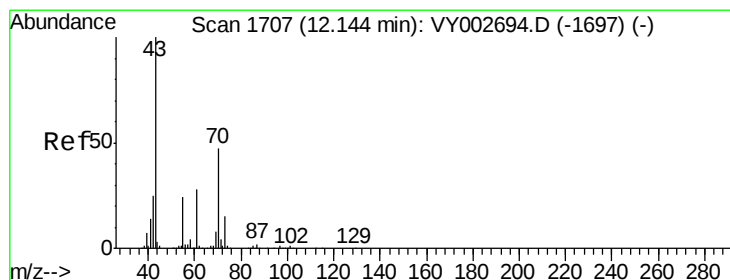
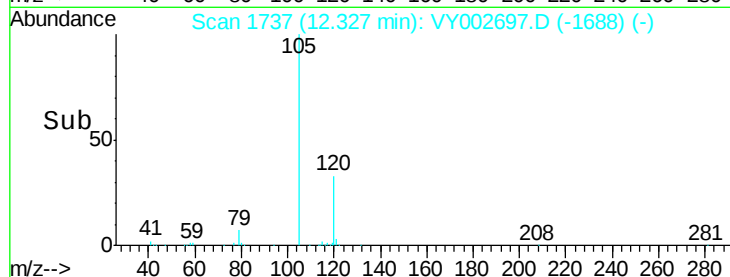
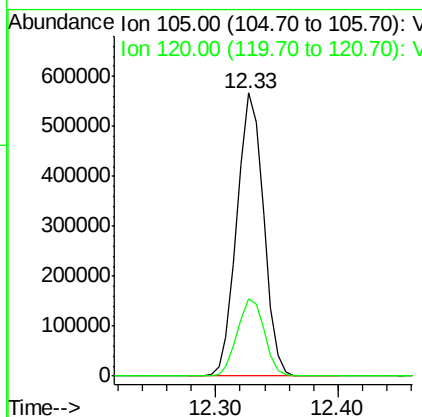
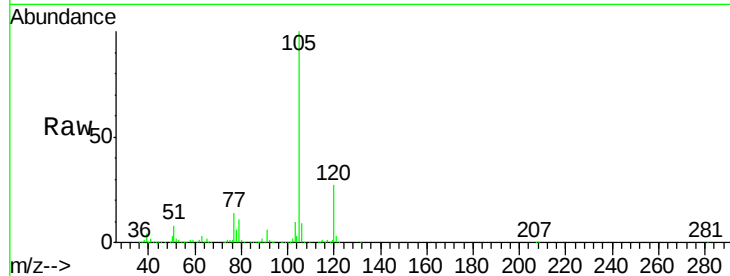
#73
Isopropylbenzene
Concen: 51.748 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.7	41.1

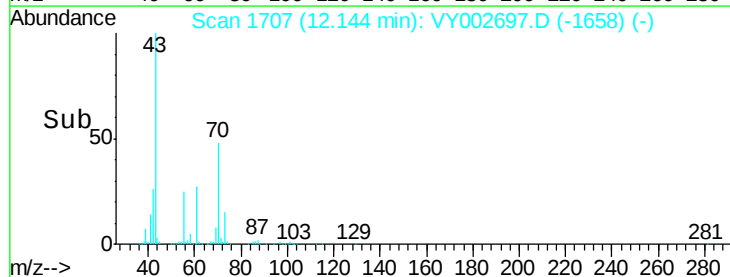
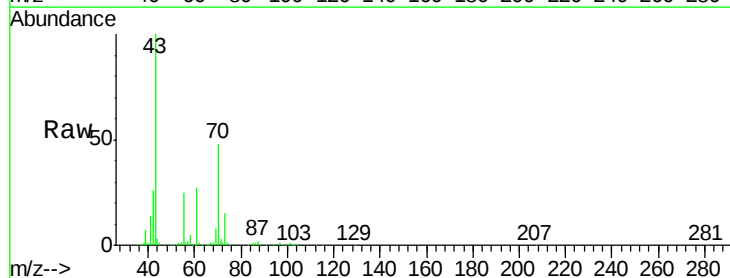
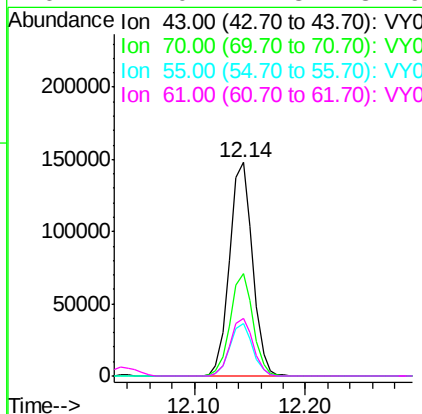
Manual Integrations
APPROVED

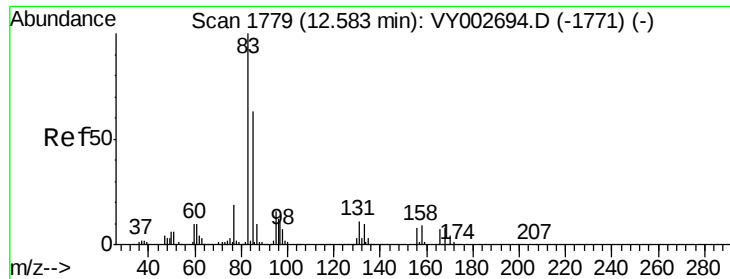
MMDadoda
5/18/2020 1:36:12 PM



#74
N-ethyl acetate
Concen: 54.469 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.5	37.7	56.5
55	24.4	19.4	29.0
61	27.0	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 54.528 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

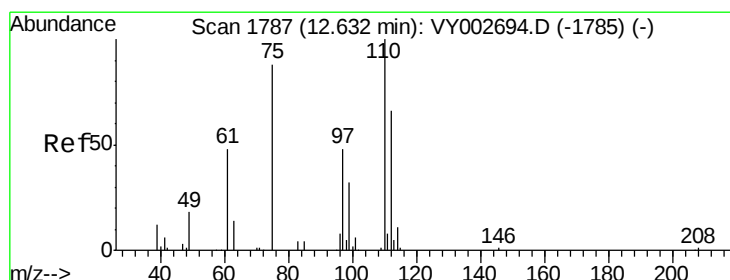
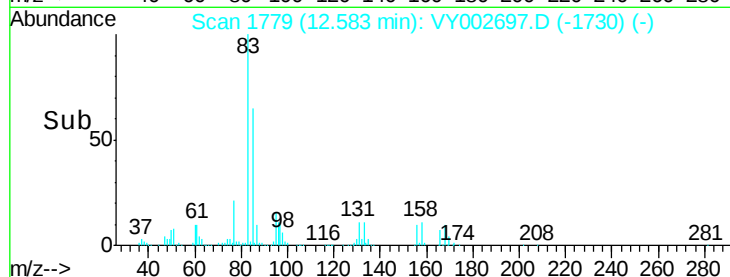
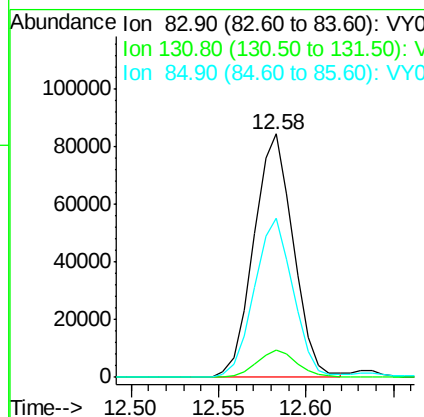
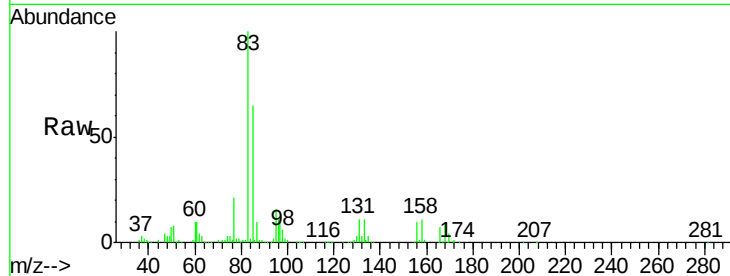
ClientSampleId :

ICVY051520

Tot Ion:	83	Resp:	132614
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.8	17.3
85	64.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.381 ug/l m

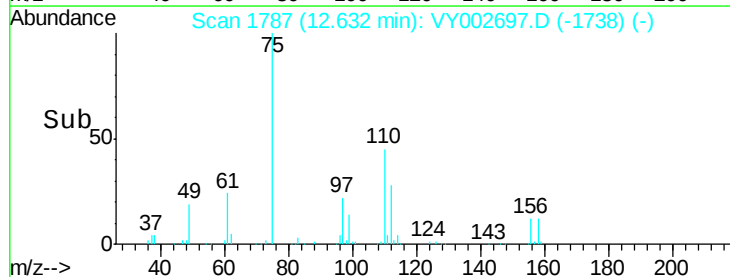
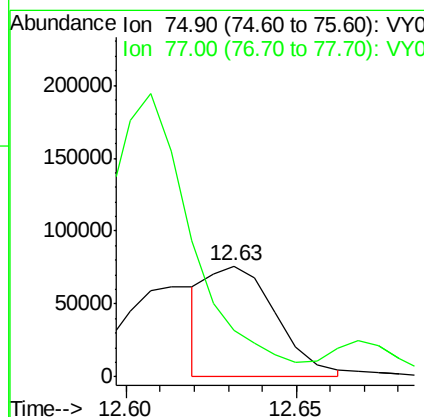
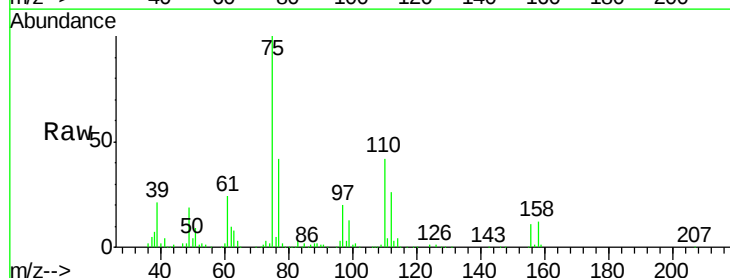
RT: 12.63 min Scan# 1787

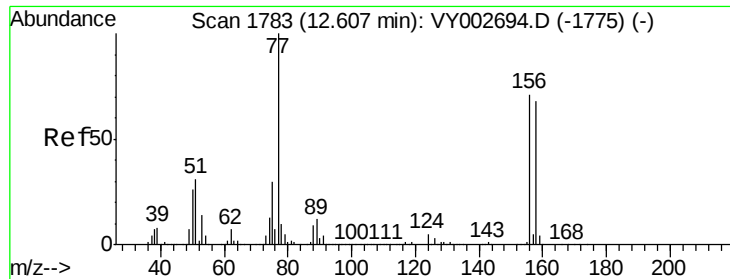
Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Tgt Ion:	75	Resp:	106682
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.717 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

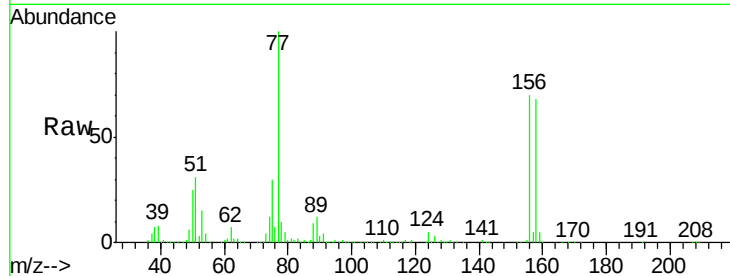
ClientSampleId :

ICVY051520

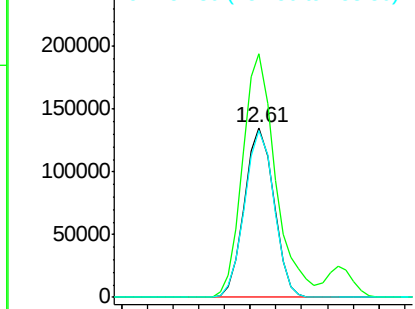
Tot Ion:	156	Resp:	213544
Ion Ratio	Lower	Upper	
156	100		
77	161.4	80.8	242.3
158	98.4	49.0	147.0

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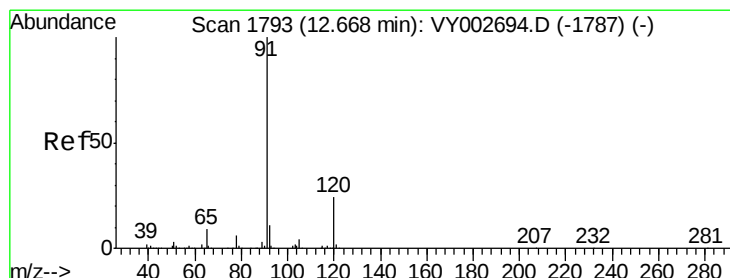
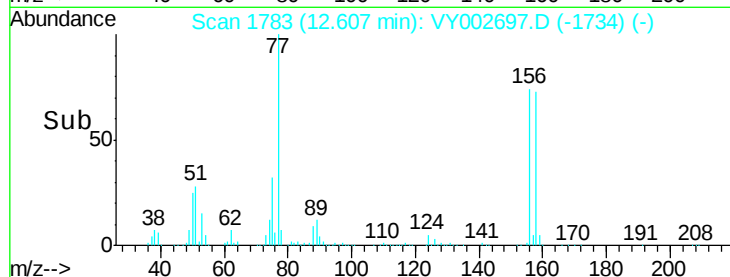
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V



Time--> 12.50 12.60 12.70



#78

n-propylbenzene

Concen: 52.034 ug/l

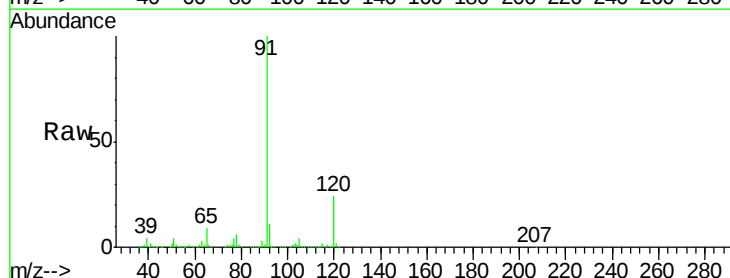
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

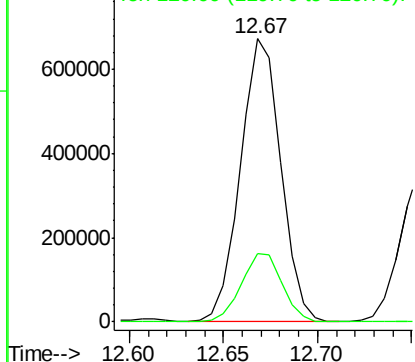
Lab File: VY002697.D

Acq: 15 May 2020 14:01

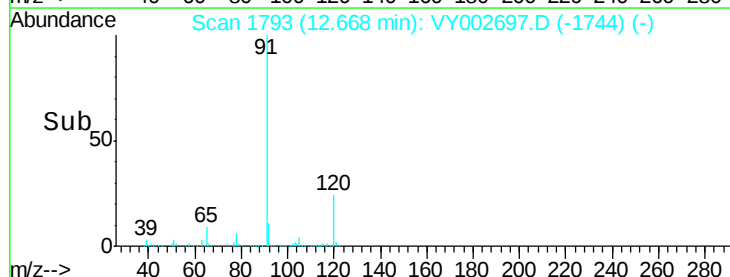
Tgt Ion:	91	Resp:	999716
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.3	36.8

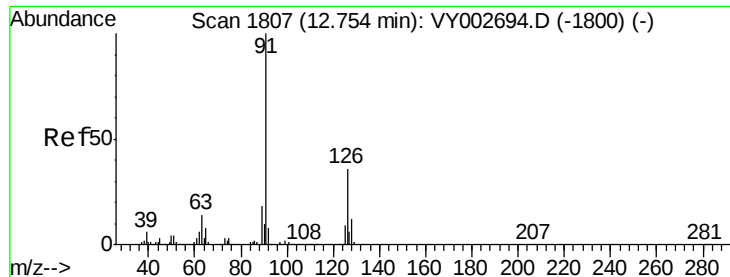


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V



Time--> 12.60 12.65 12.70





#79

2-Chlorotoluene

Concen: 51.339 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051520

Tot Ion: 91 Resp: 547078

Ion Ratio Lower Upper

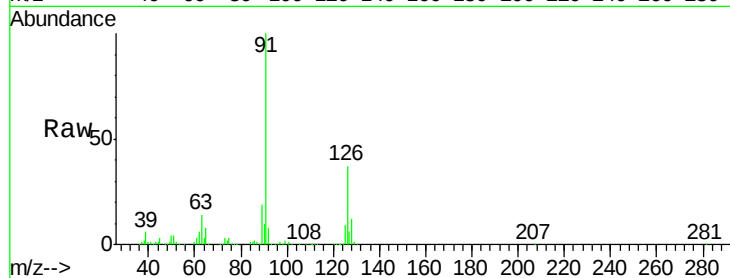
91 100

126 37.2 18.4 55.0

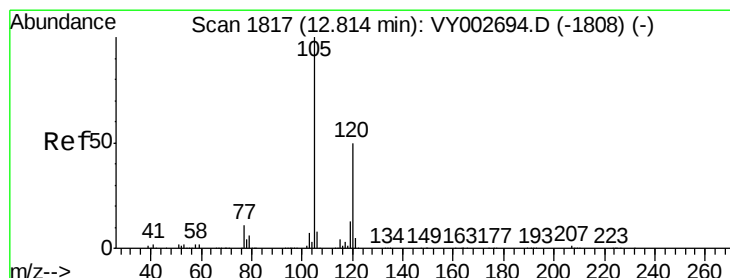
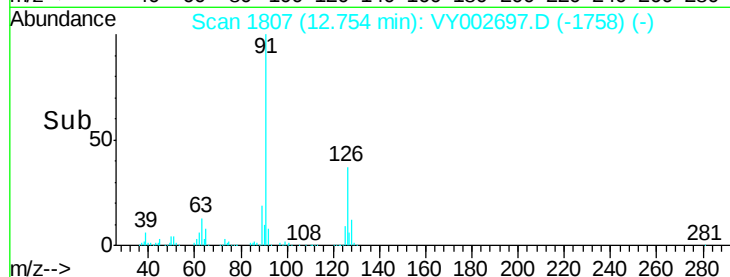
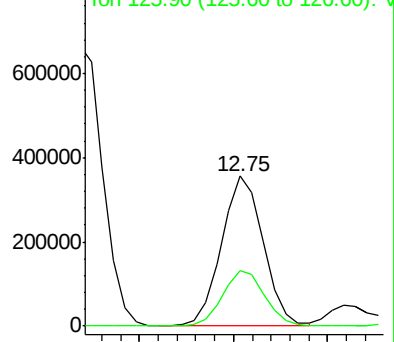
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Abundance Ion 91.00 (90.70 to 91.70): VY002697.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.904 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002697.D

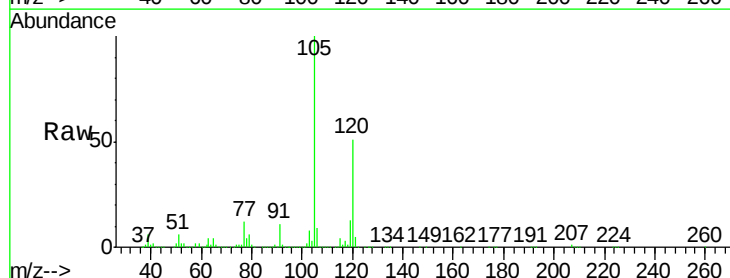
Acq: 15 May 2020 14:01

Tgt Ion: 105 Resp: 720291

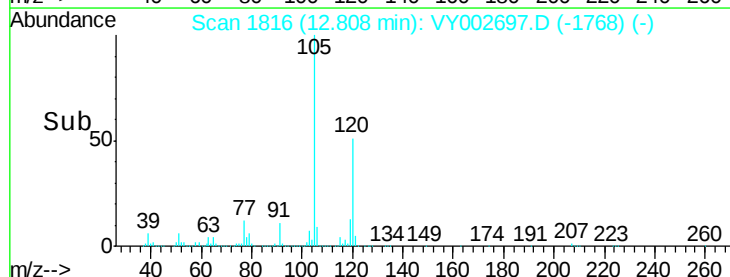
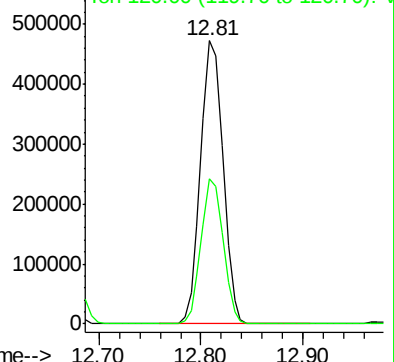
Ion Ratio Lower Upper

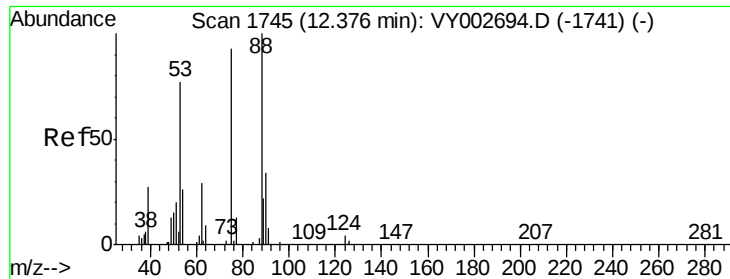
105 100

120 50.5 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY002697.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.534 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

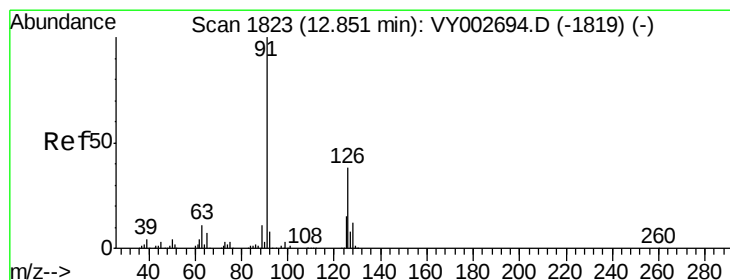
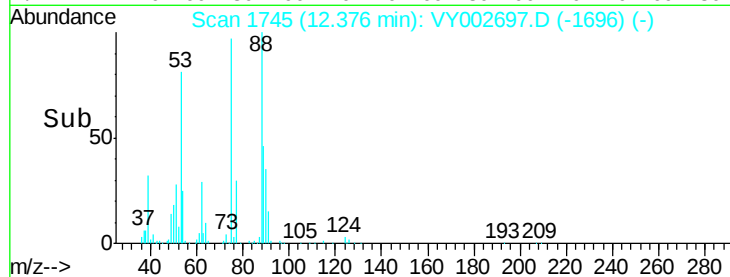
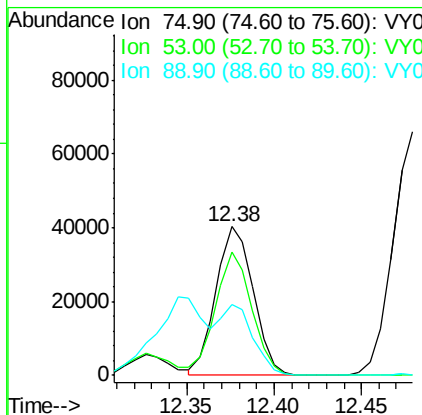
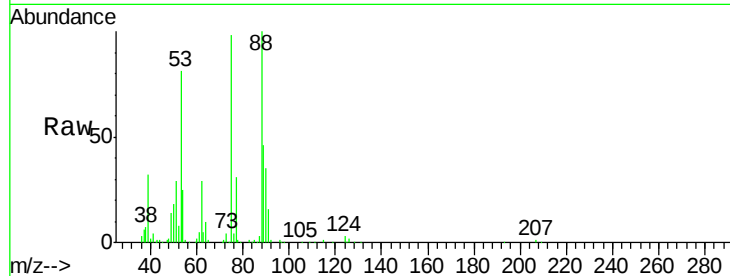
ClientSampleId :

ICVVY051520

Tot Ion:	75	Resp:	59871
Ion Ratio	Lower	Upper	
75	100		
53	80.8	65.0	97.6
89	42.5	66.6	99.8#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.456 ug/l

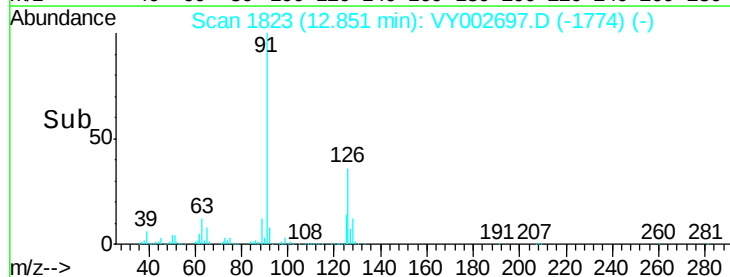
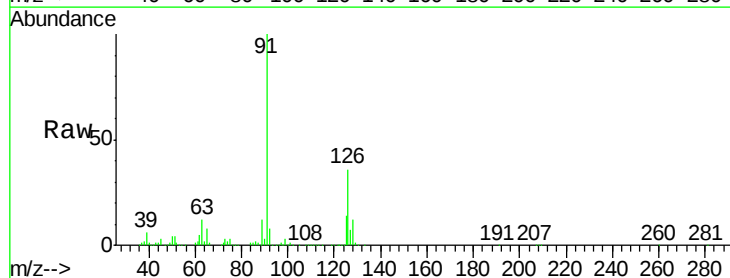
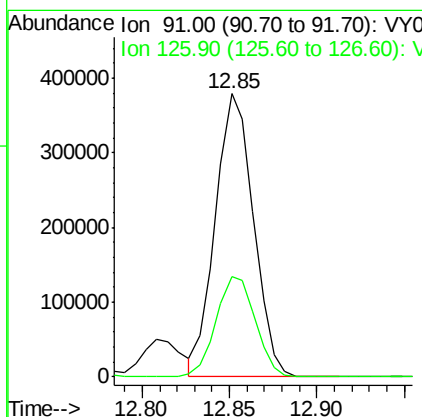
RT: 12.85 min Scan# 1823

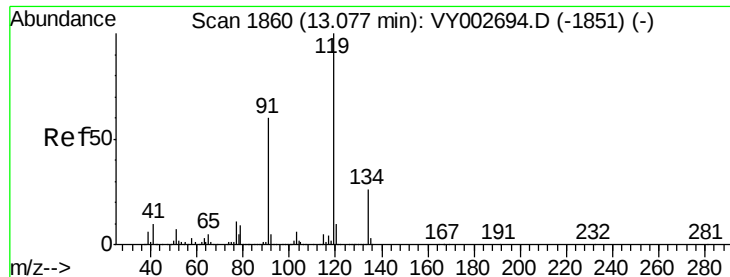
Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Tgt Ion:	91	Resp:	574360
Ion Ratio	Lower	Upper	
91	100		
126	36.7	18.6	56.0





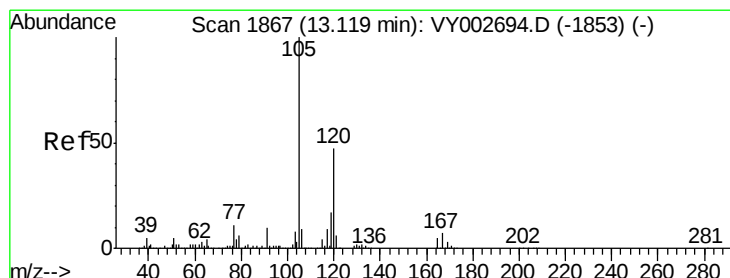
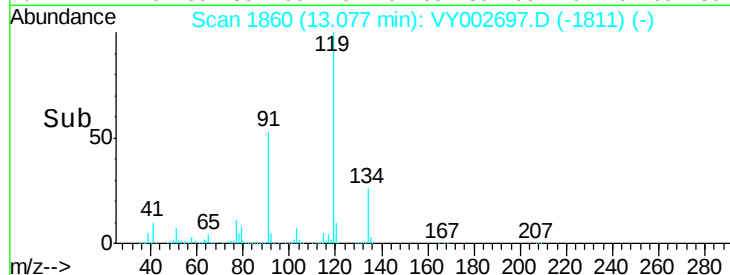
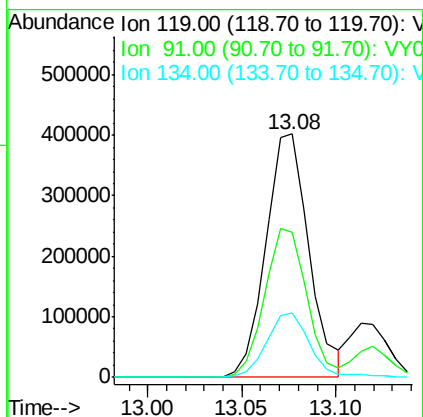
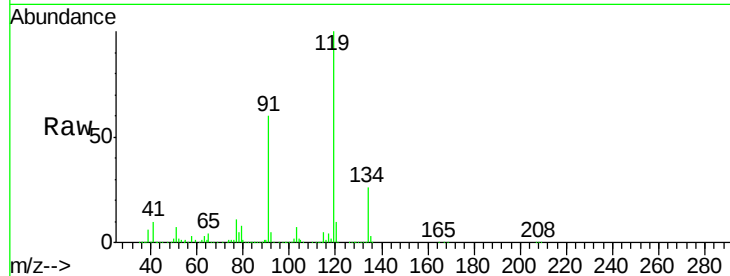
#83
 tert-Butylbenzene
 Concen: 51.848 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	30.4	91.2
134	26.8	13.4	40.2

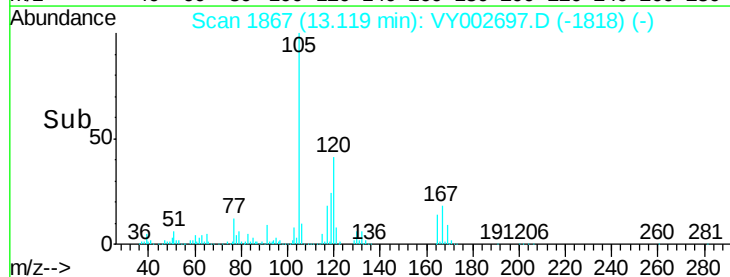
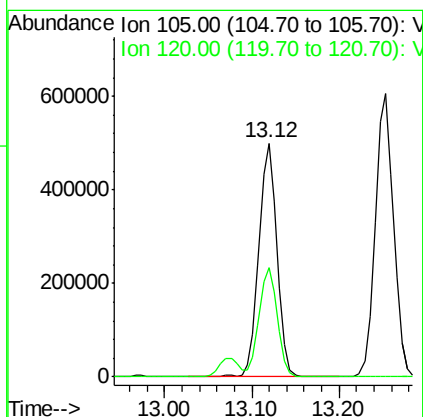
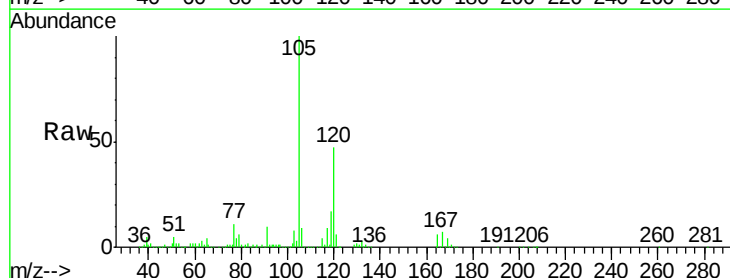
Manual Integrations
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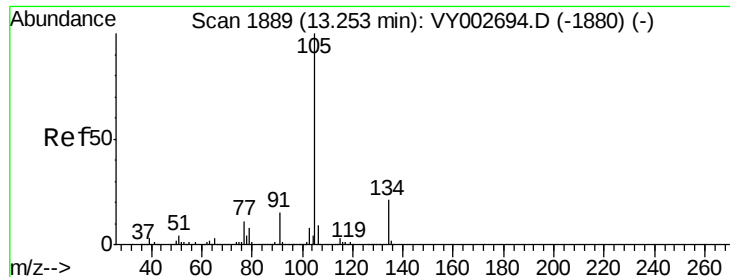
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.717 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.5	70.5





#85

sec-Butylbenzene

Concen: 51.605 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVY051520

Tot Ion:105 Resp: 874583

Ion Ratio Lower Upper

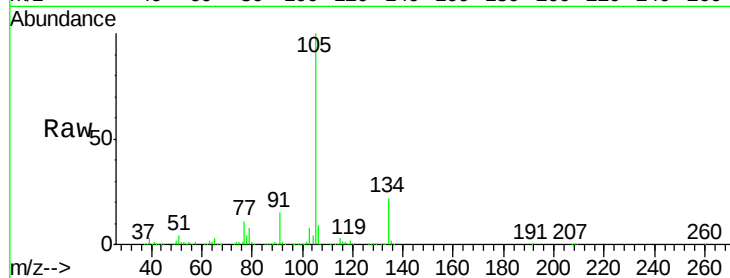
105 100

134 21.5 10.8 32.3

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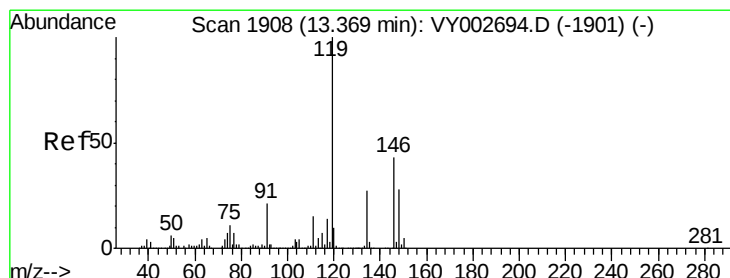
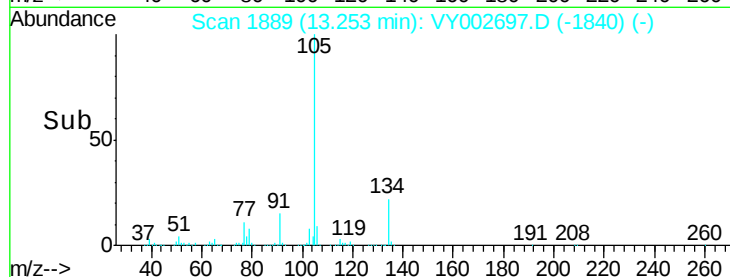
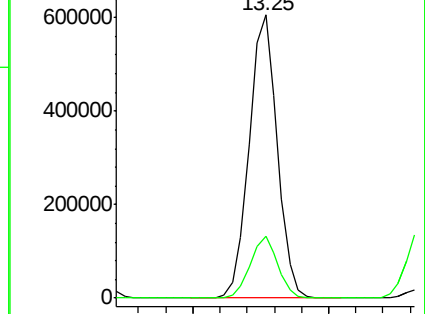
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.808 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002697.D

Acq: 15 May 2020 14:01

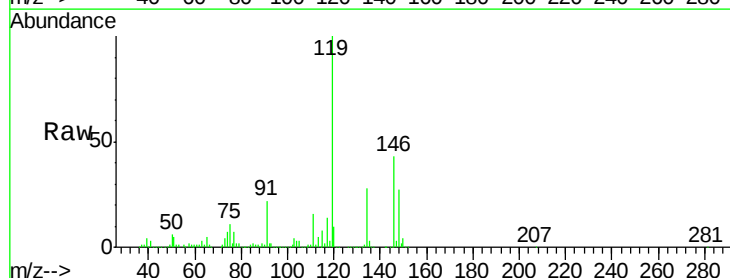
Tgt Ion:119 Resp: 821856

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

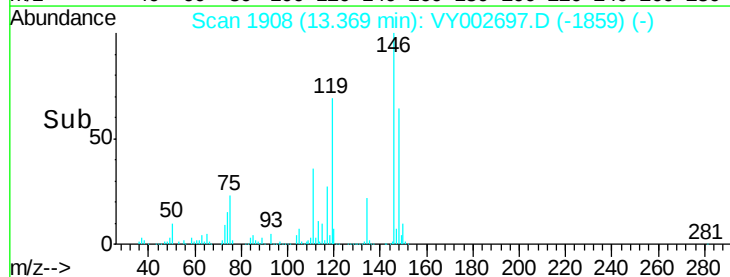
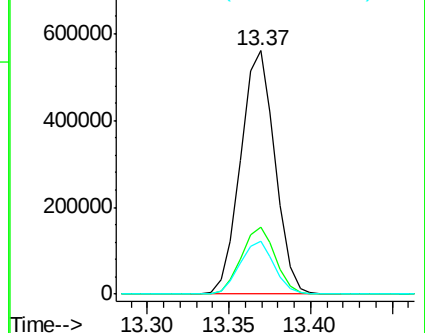
91 21.5 10.8 32.3

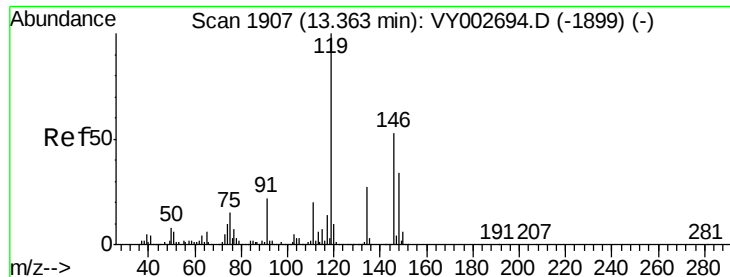


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





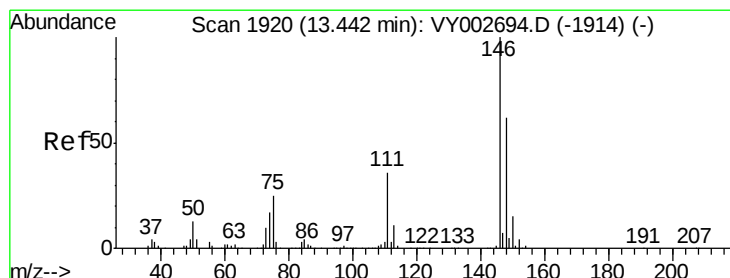
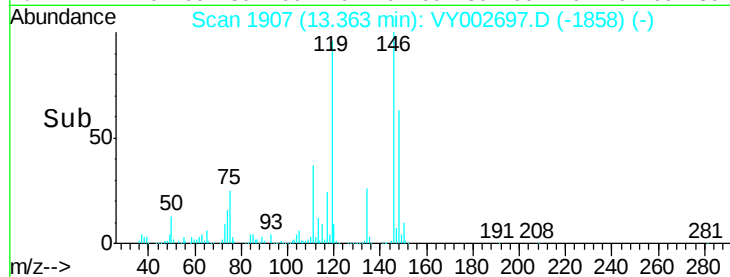
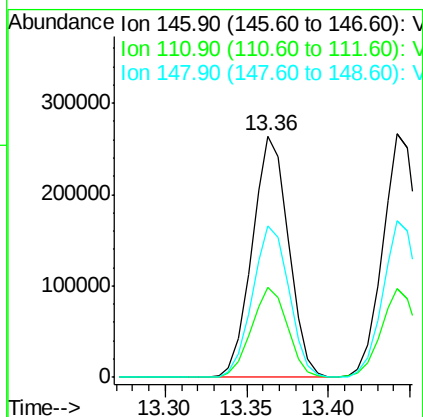
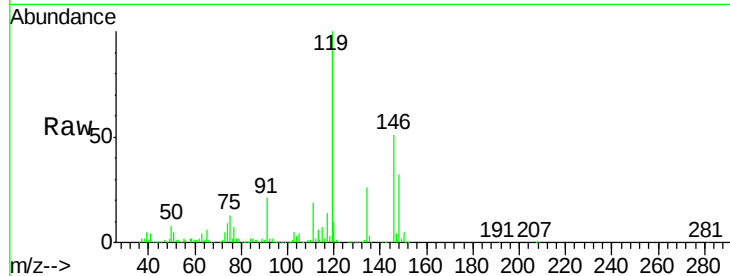
#87
 1,3-Dichlorobenzene
 Concen: 51.354 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	37.0	18.5	55.5	
148	63.1	32.1	96.5	

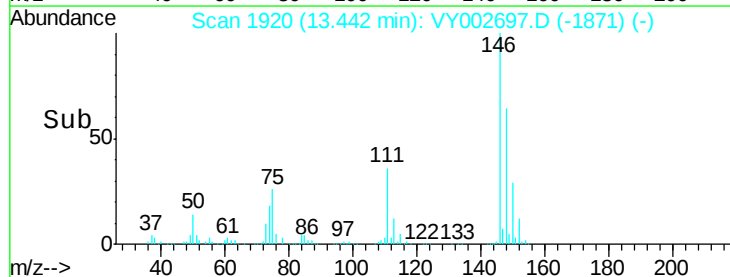
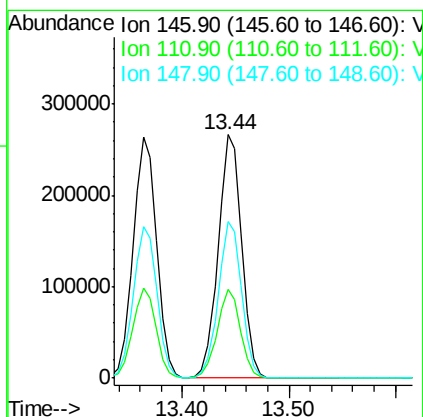
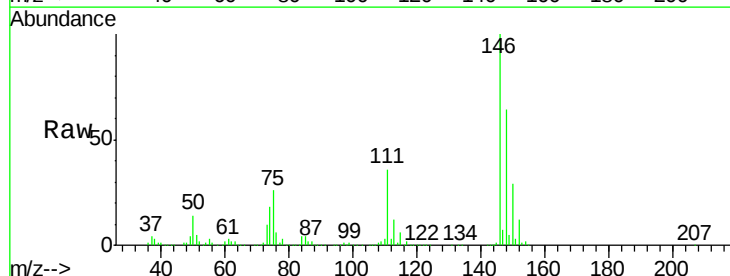
Manual Integrations
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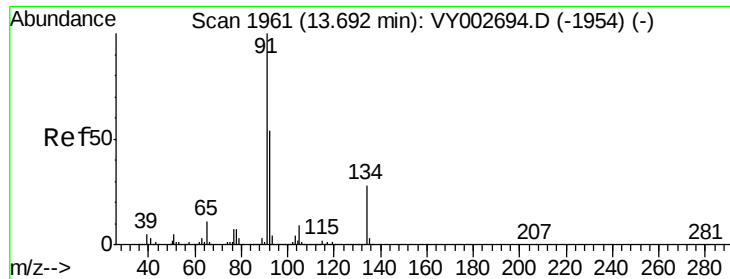
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#88
 1,4-Dichlorobenzene
 Concen: 51.338 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	36.0	18.1	54.4	
148	63.7	31.8	95.3	





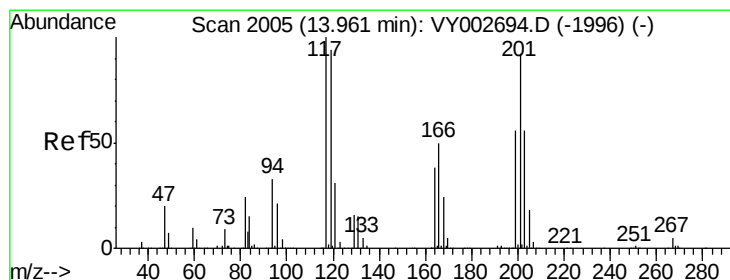
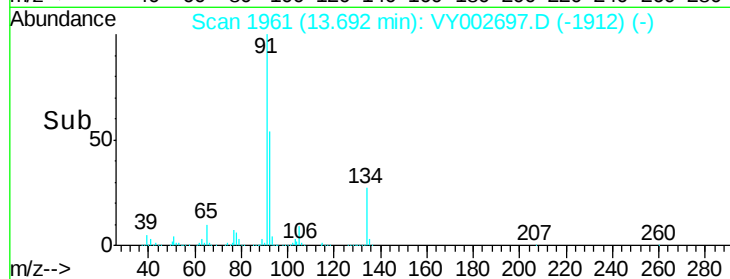
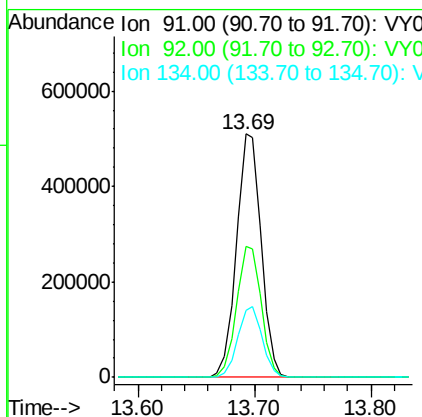
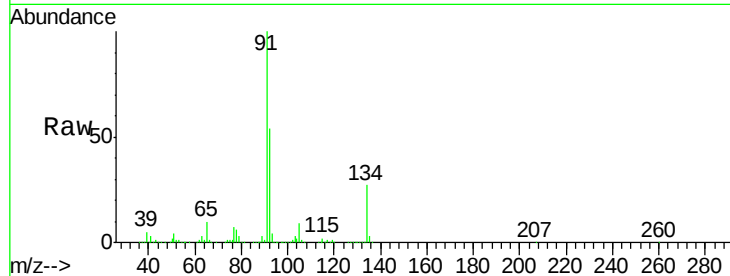
#89
n-Butylbenzene
Concen: 51.724 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ratio	Resp	Lower	Upper
91	100	753508		
92	53.8		26.8	80.4
134	28.7		14.5	43.5

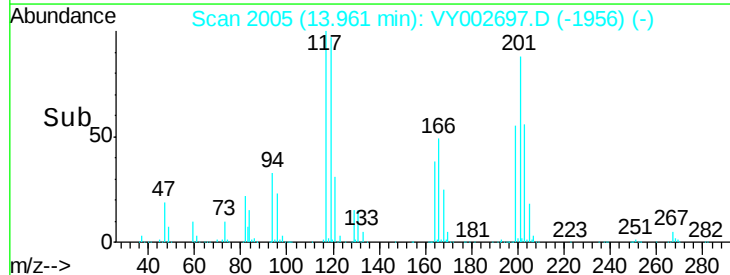
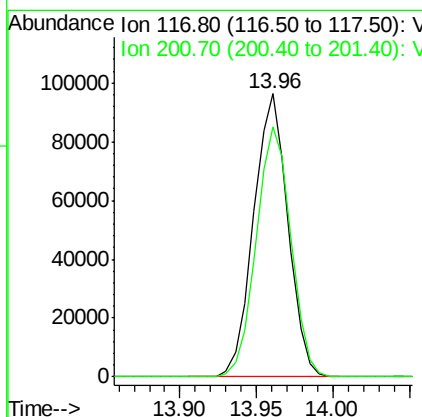
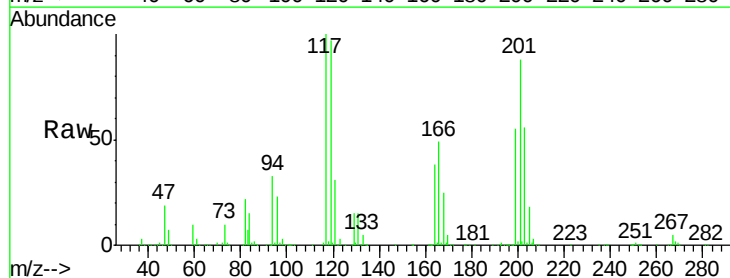
Manual Integrations
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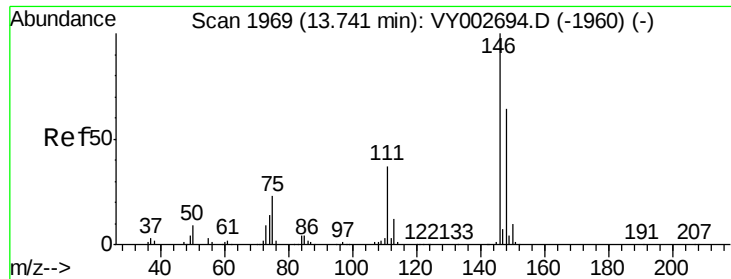
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#90
Hexachloroethane
Concen: 51.272 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	150645		
201	89.0		44.9	134.7





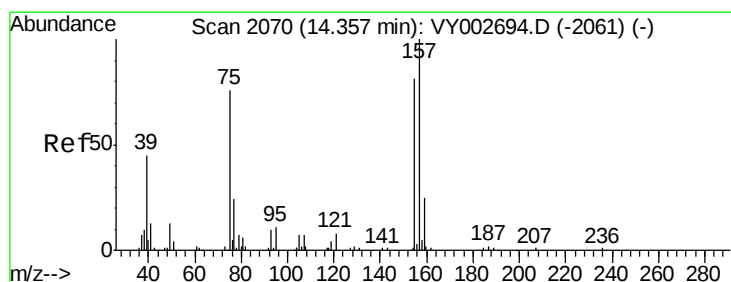
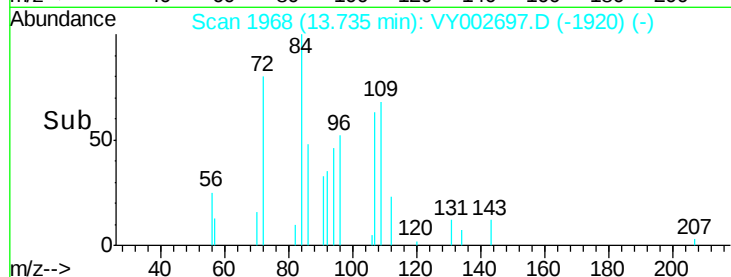
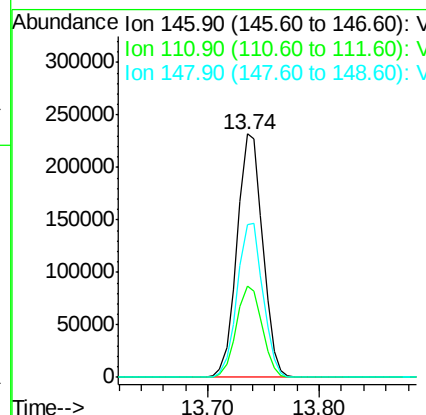
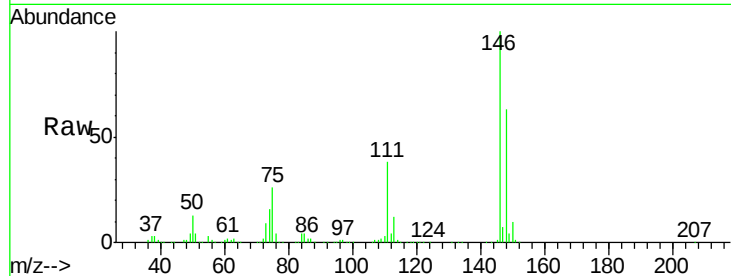
#91
 1,2-Dichlorobenzene
 Concen: 51.680 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.3	31.9	95.7

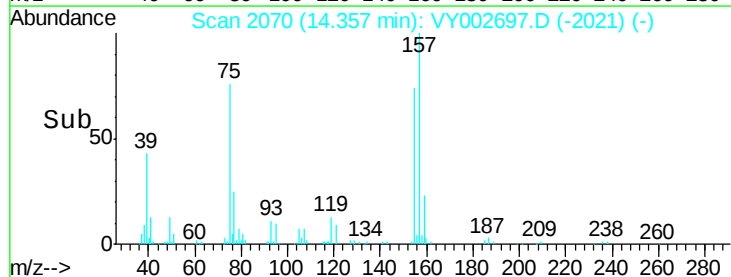
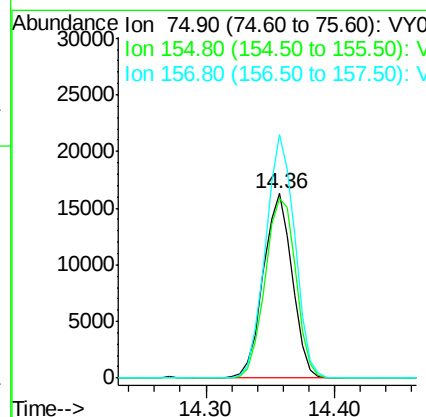
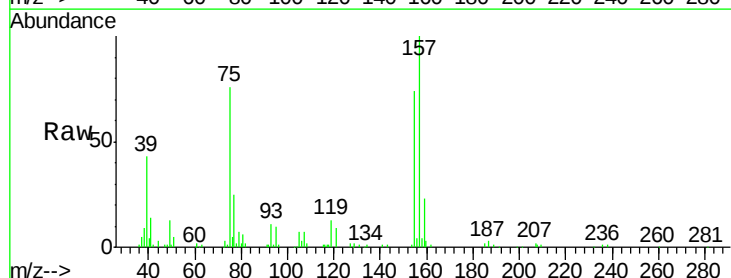
Manual Integrations
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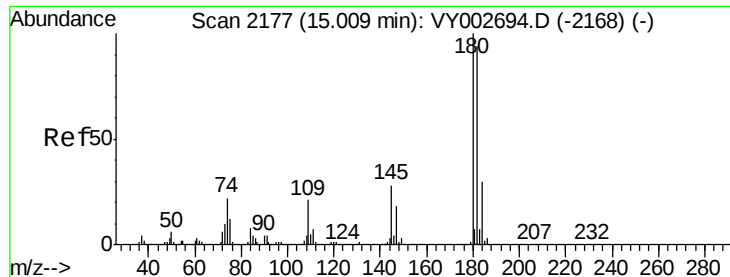
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.414 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.2	53.5	160.7
157	133.0	67.9	203.7





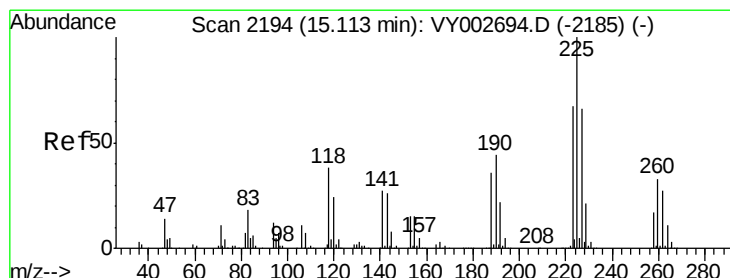
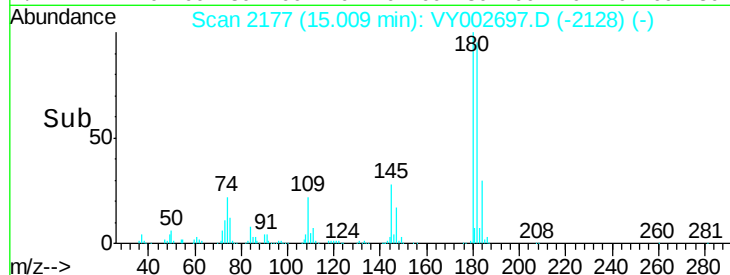
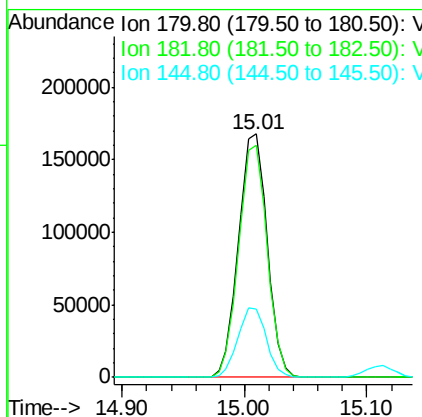
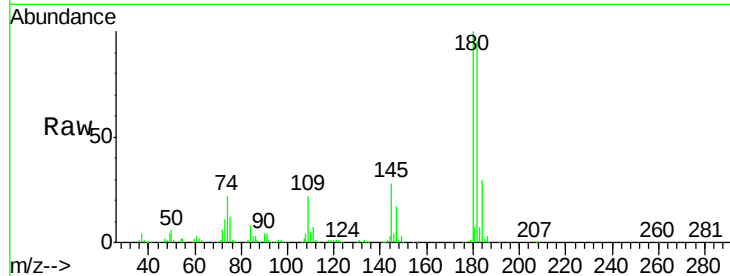
#93
 1,2,4-Trichlorobenzene
 Concen: 53.221 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051520

Tot Ion	Ratio	Resp	Lower	Upper
180	100	272739		
182	94.5	47.3	142.0	
145	28.4	14.1	42.2	

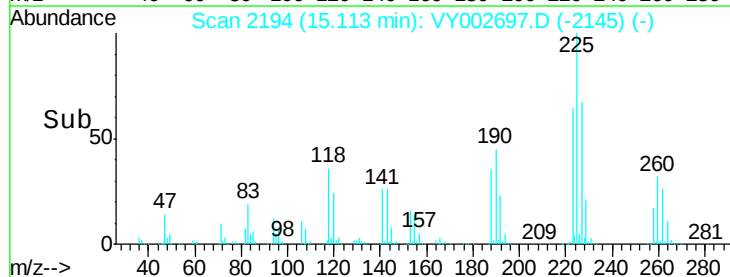
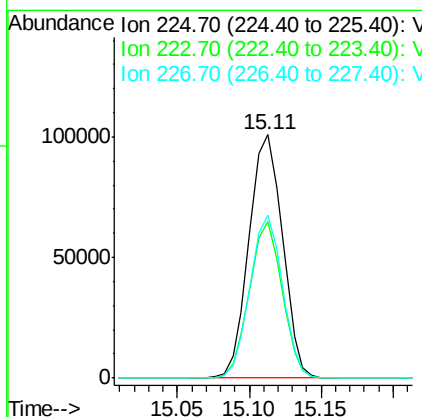
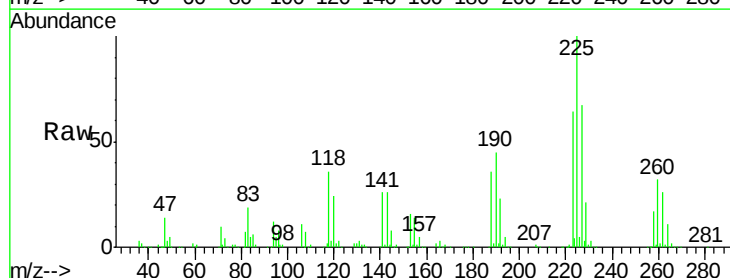
Manual Integrations
 APPROVED

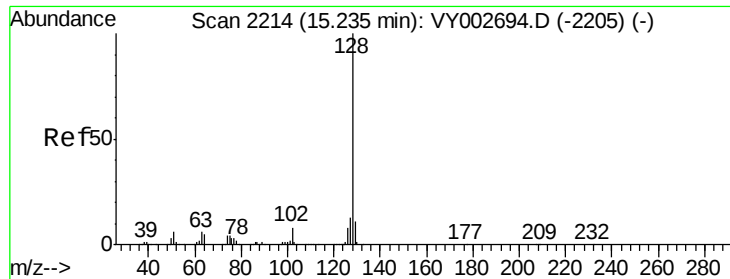
MMDadoda
 5/18/2020 1:36:12 PM



#94
 Hexachlorobutadiene
 Concen: 53.142 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002697.D
 Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162504		
223	62.8	31.6	94.8	
227	65.2	32.2	96.6	





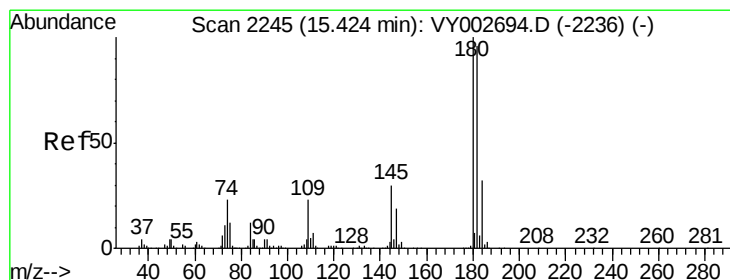
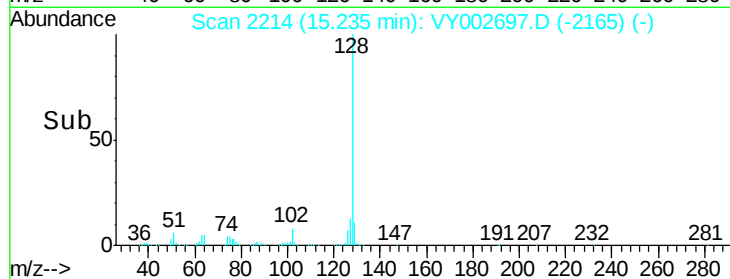
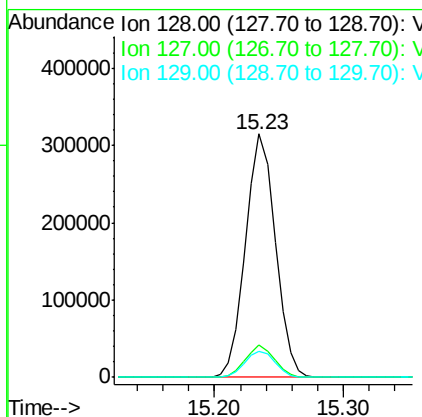
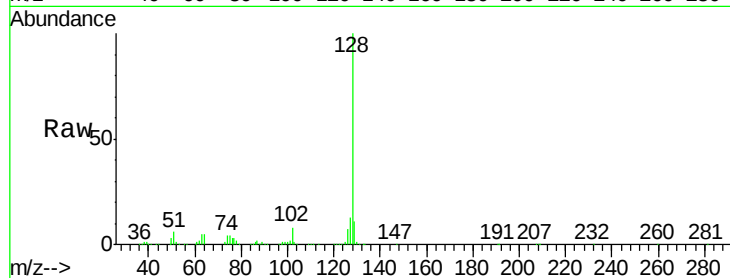
#95
Naphthalene
Concen: 51.346 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVY051520

Tot Ion	Ratio	Resp	Lower	Upper
128	100	504890		
127	12.8		10.3	15.5
129	11.0		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.233 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002697.D
Acq: 15 May 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	232205		
182	94.9		47.6	142.9
145	30.0		15.1	45.3

