

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
 Data File : VY002694.D
 Acq On : 15 May 2020 12:33
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 1:36:06 PM

Quant Time: May 15 13:12:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 15 12:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	360902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	537889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	495920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	260307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	146342	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	7.72	113	152272	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.18	98	608096	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.48	95	205574	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	122727	47.090	ug/l	100
3) Chloromethane	2.12	50	142500	49.998	ug/l	100
4) Vinyl Chloride	2.25	62	151324	46.565	ug/l	100
5) Bromomethane	2.65	94	111966	48.669	ug/l	100
6) Chloroethane	2.80	64	98605	49.716	ug/l	100
7) Trichlorofluoromethane	3.13	101	257880	49.811	ug/l	100
8) Diethyl Ether	3.54	74	92706	52.746	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	156448	49.447	ug/l	100
10) Methyl Iodide	4.10	142	236615	54.793	ug/l	100
11) Tert butyl alcohol	4.97	59	71357	230.867	ug/l	100
12) 1,1-Dichloroethene	3.88	96	158147	51.095	ug/l	100
13) Acrolein	3.74	56	84967	363.995	ug/l	100
14) Allyl chloride	4.49	41	230005	51.198	ug/l	100
15) Acrylonitrile	5.18	53	212702	257.550	ug/l	100
16) Acetone	3.96	43	155600	250.932	ug/l	100
17) Carbon Disulfide	4.20	76	501793	53.860	ug/l	100
18) Methyl Acetate	4.48	43	87144	42.958	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	408575	50.745	ug/l	100
20) Methylene Chloride	4.72	84	172449	49.210	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	177548	52.302	ug/l	100
22) Diisopropyl ether	6.13	45	463297	50.868	ug/l	100
23) Vinyl Acetate	6.07	43	1516577	264.163	ug/l	100
24) 1,1-Dichloroethane	6.03	63	274627	51.028	ug/l	100
25) 2-Butanone	7.00	43	251060	247.767	ug/l	100
26) 2,2-Dichloropropane	6.99	77	243540	47.723	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	194168	51.634	ug/l	100
28) Bromochloromethane	7.34	49	105076	47.823	ug/l	100
29) Tetrahydrofuran	7.35	42	173514	257.585	ug/l	100
30) Chloroform	7.52	83	287027	51.077	ug/l	100
31) Cyclohexane	7.79	56	265308	48.890	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	261810	50.309	ug/l	100
36) 1,1-Dichloropropene	7.93	75	227166	50.679	ug/l	100
37) Ethyl Acetate	7.08	43	118385	51.274	ug/l	100
38) Carbon Tetrachloride	7.91	117	249285	50.915	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	306892	51.635	ug/l	100
40) Benzene	8.17	78	672328	51.637	ug/l	100
41) Methacrylonitrile	7.33	41	72104m	58.132	ug/l	
42) 1,2-Dichloroethane	8.24	62	179478	49.758	ug/l	100
43) Isopropyl Acetate	8.28	43	220645	51.102	ug/l	100
44) Trichloroethene	8.94	130	214494	52.471	ug/l	100
45) 1,2-Dichloropropane	9.22	63	157926	50.505	ug/l	100
46) Dibromomethane	9.31	93	91936	51.084	ug/l	100
47) Bromodichloromethane	9.50	83	223604	51.049	ug/l	100
48) Methyl methacrylate	9.30	41	101065	51.790	ug/l	100
49) 1,4-Dioxane	9.30	88	24729	1040.027	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	570372	257.207	ug/l	100
52) Toluene	10.24	92	433310	51.783	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	237438	51.768	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	275806	51.854	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	134539	51.247	ug/l	100
56) Ethyl methacrylate	10.51	69	186456	53.298	ug/l	100
57) 1,3-Dichloropropane	10.79	76	228392	51.332	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	454331	245.390	ug/l	100
59) 2-Hexanone	10.83	43	400589	262.335	ug/l	100
60) Dibromochloromethane	10.99	129	176247	52.536	ug/l	100
61) 1,2-Dibromoethane	11.09	107	134727	51.631	ug/l	100
64) Tetrachloroethene	10.72	164	237971	53.686	ug/l	100
65) Chlorobenzene	11.52	112	480531	51.076	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	180442	51.704	ug/l	100
67) Ethyl Benzene	11.59	91	843869	51.185	ug/l	100
68) m/p-Xylenes	11.70	106	657556	102.909	ug/l	100
69) o-Xylene	12.03	106	310435	51.755	ug/l	100
70) Styrene	12.05	104	536364	52.370	ug/l	100
71) Bromoform	12.20	173	114851	53.054	ug/l #	100
73) Isopropylbenzene	12.33	105	847270	50.500	ug/l	100
74) N-amyl acetate	12.14	43	208321	51.908	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	127050	48.272	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	110945m	49.161	ug/l	
77) Bromobenzene	12.61	156	211962	50.574	ug/l	100
78) n-propylbenzene	12.67	91	985028	50.594	ug/l	100
79) 2-Chlorotoluene	12.75	91	543641	50.364	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	713834	51.285	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	57354	50.325	ug/l	100
82) 4-Chlorotoluene	12.85	91	565959	50.010	ug/l	100
83) tert-Butylbenzene	13.08	119	625947	51.299	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	711424	51.234	ug/l	100
85) sec-Butylbenzene	13.25	105	863384	50.983	ug/l	100
86) p-Isopropyltoluene	13.37	119	814805	51.344	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	402234	50.595	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	401279	51.016	ug/l	100
89) n-Butylbenzene	13.69	91	740044	51.158	ug/l	100
90) Hexachloroethane	13.96	117	150371	51.835	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	362264	51.086	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24166	48.959	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	269904	52.180	ug/l	100
94) Hexachlorobutadiene	15.11	225	161185	51.823	ug/l	100
95) Naphthalene	15.23	128	492471	52.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	227385	51.854	ug/l	100

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

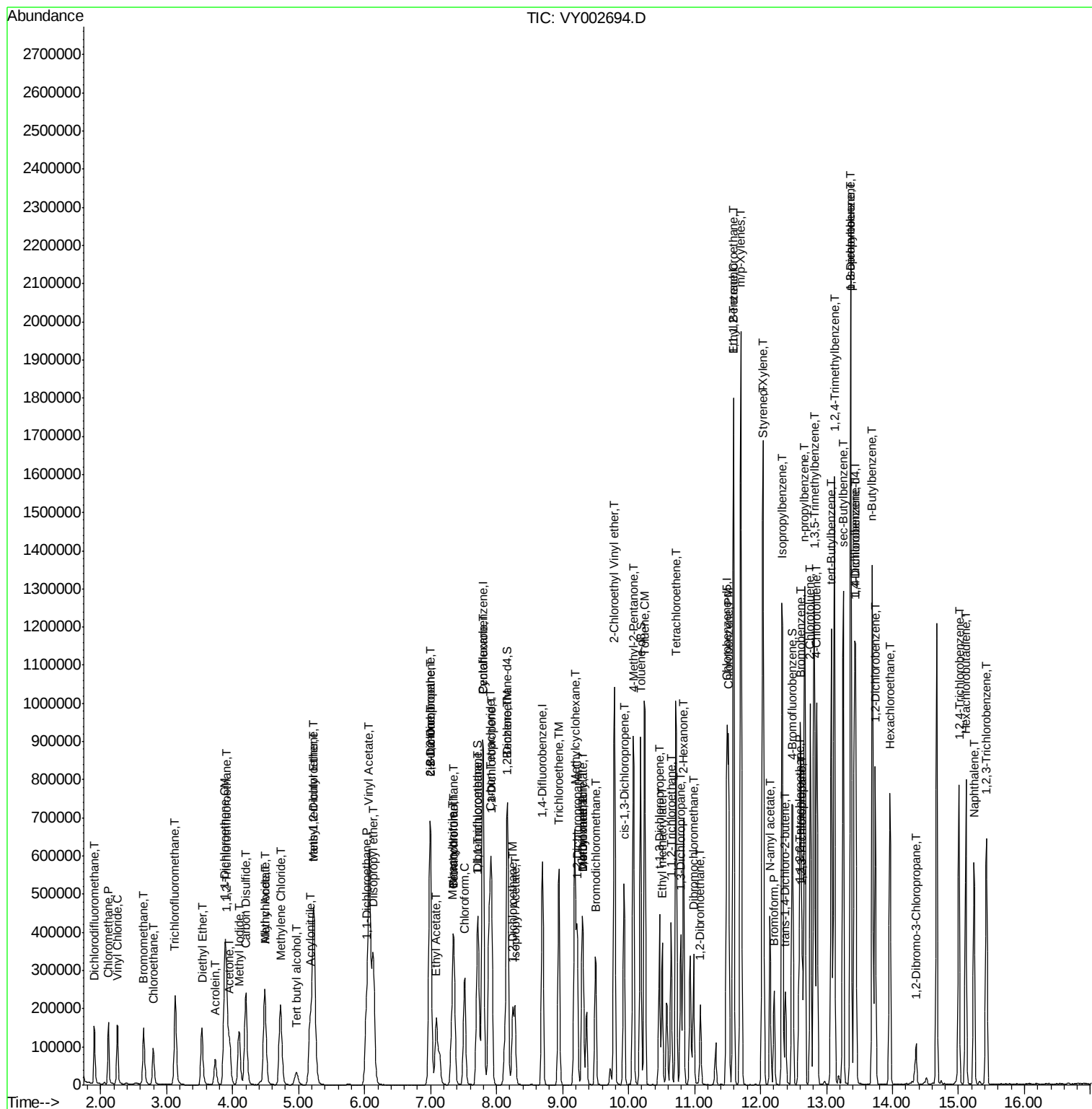
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
Data File : VY002694.D
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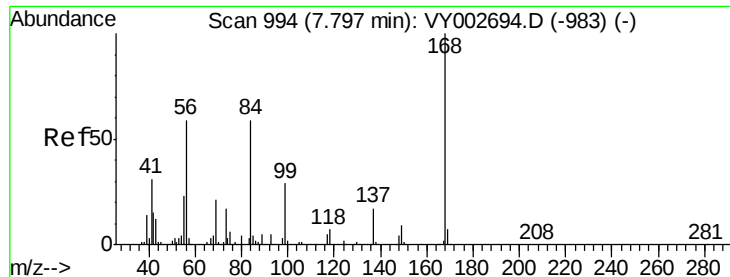
Instrument :
MSVOA_Y
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 360902

Ion Ratio Lower Upper

168 100

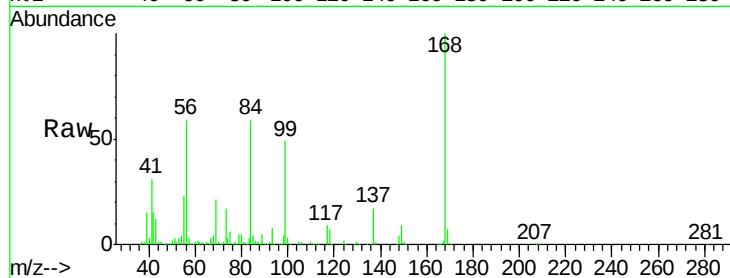
99 49.0 39.2 58.8

Manual Integrations

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5/18/2020 1:36:06 PM



Abundance Ion 167.90 (167.60 to 168.60): VY002694.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002694.D (-983) (-)

7.80

150000

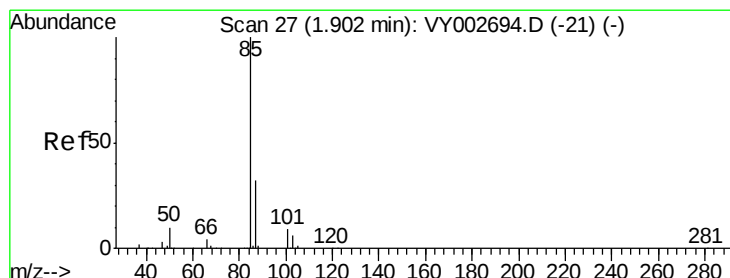
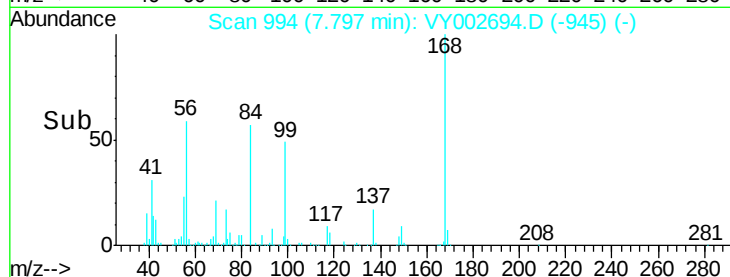
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.090 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002694.D

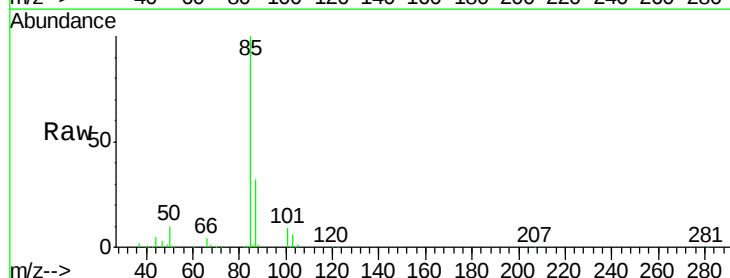
Acq: 15 May 2020 12:33

Tgt Ion: 85 Resp: 122727

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002694.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002694.D (-21) (-)

1.90

100000

80000

60000

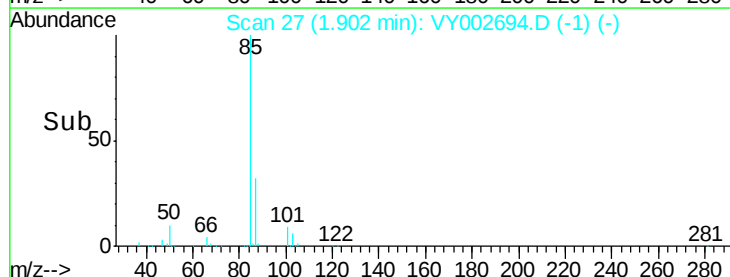
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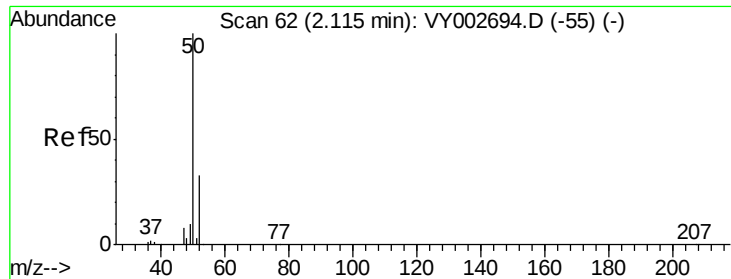
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.998 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 142500

Ion Ratio Lower Upper

50 100

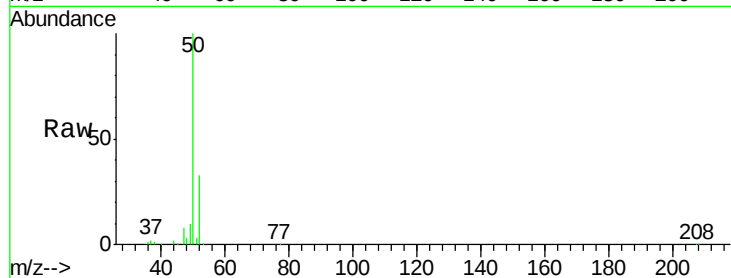
52 32.9 26.3 39.5

Manual Integrations

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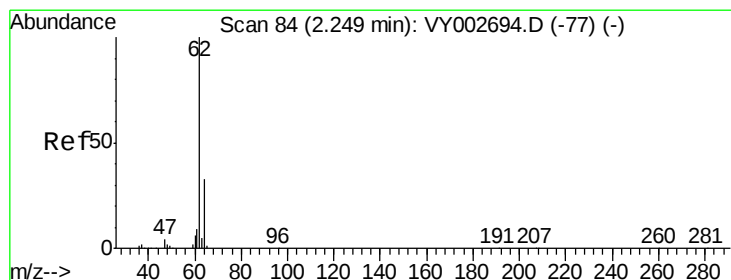
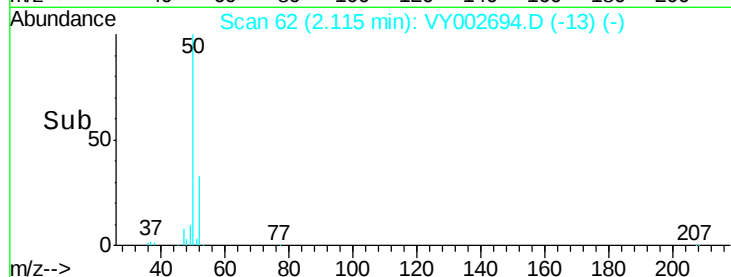
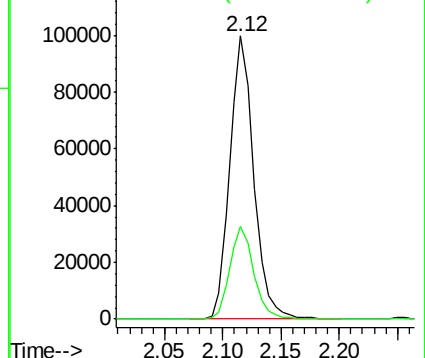
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.565 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY002694.D

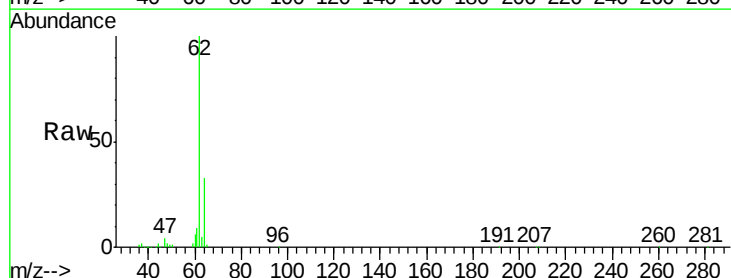
Acq: 15 May 2020 12:33

Tgt Ion: 62 Resp: 151324

Ion Ratio Lower Upper

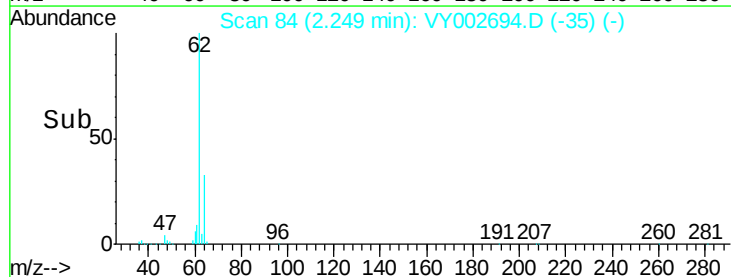
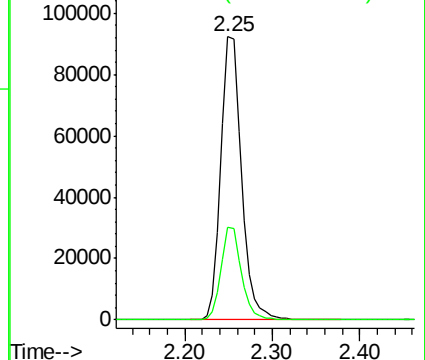
62 100

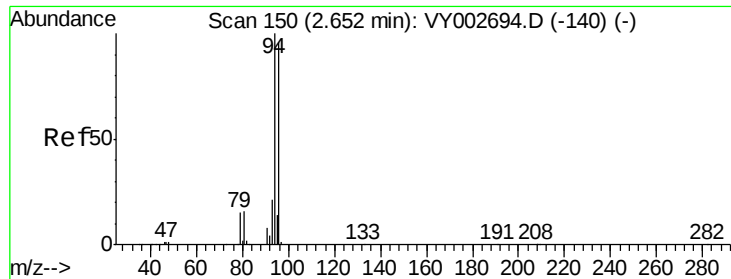
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 48.669 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

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ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 111966

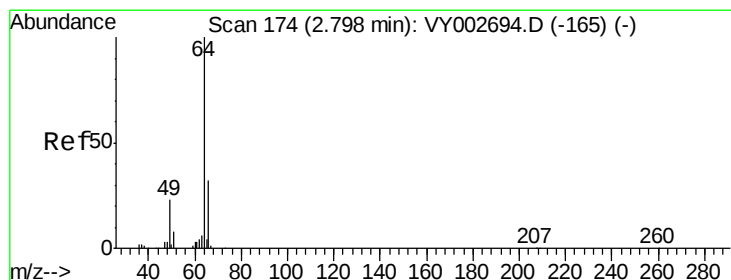
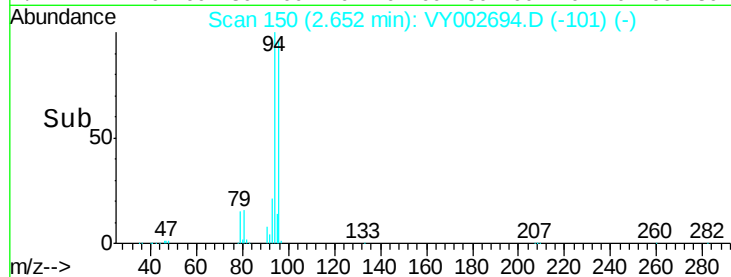
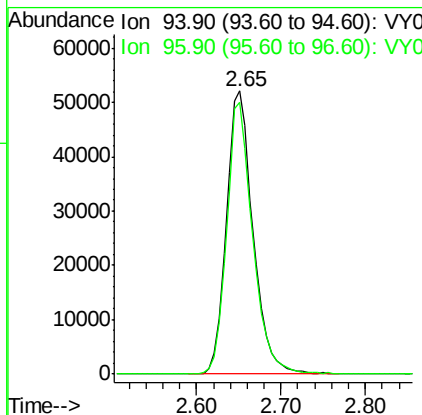
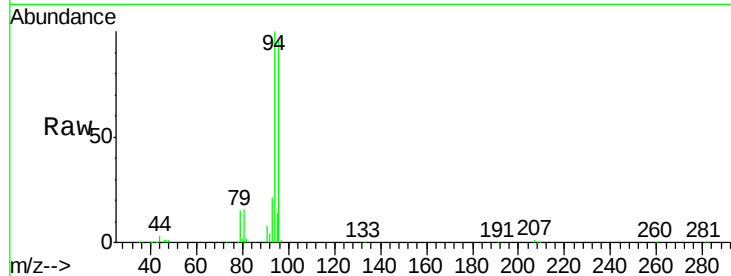
Ion Ratio Lower Upper

94 100

96 96.0 76.8 115.2

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#6

Chloroethane

Concen: 49.716 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002694.D

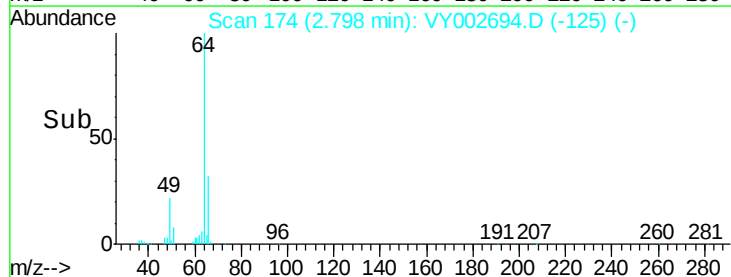
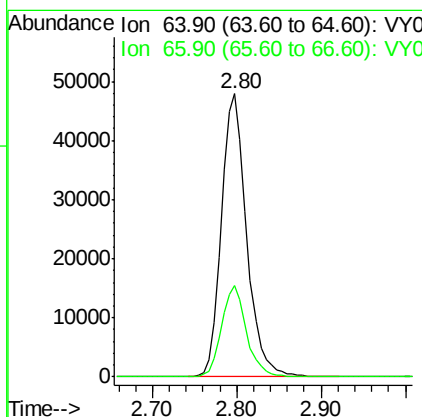
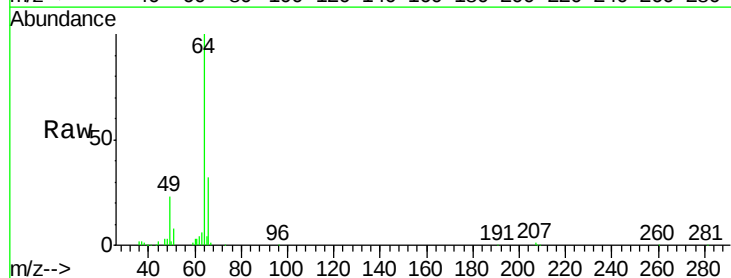
Acq: 15 May 2020 12:33

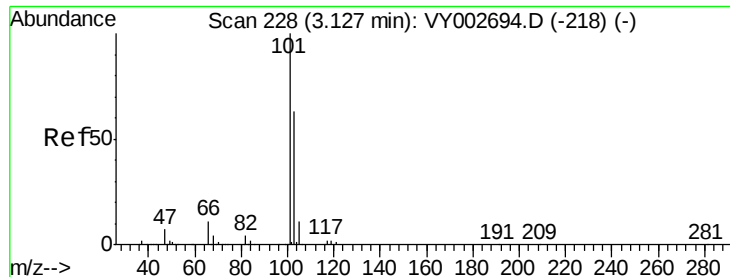
Tgt Ion: 64 Resp: 98605

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9





#7

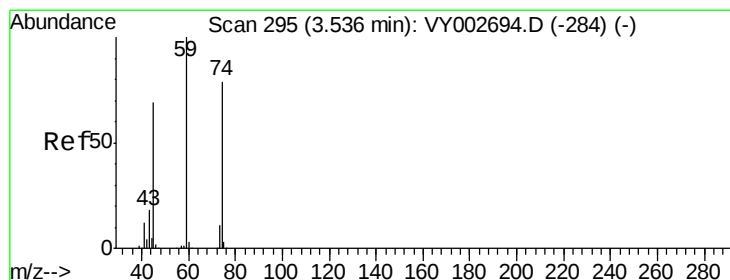
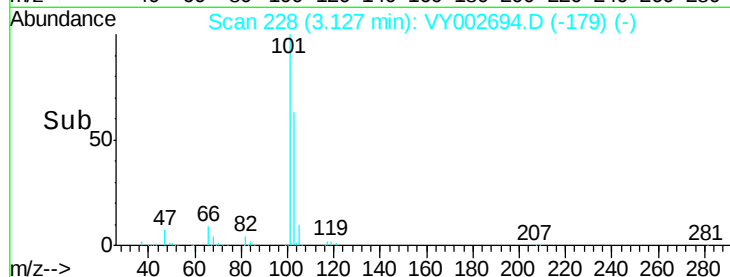
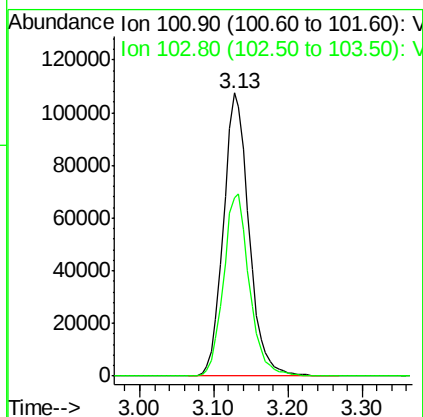
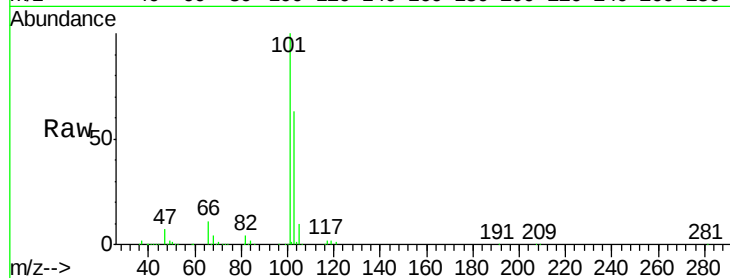
Trichlorofluoromethane
Concen: 49.811 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	50.6	75.8

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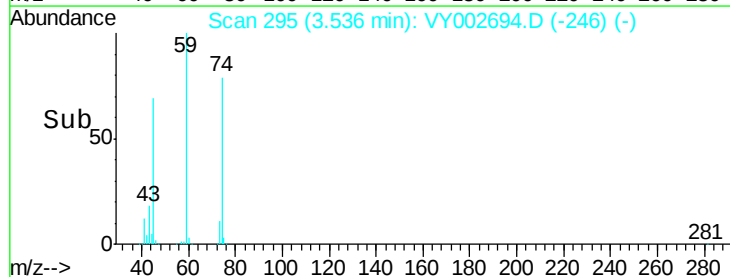
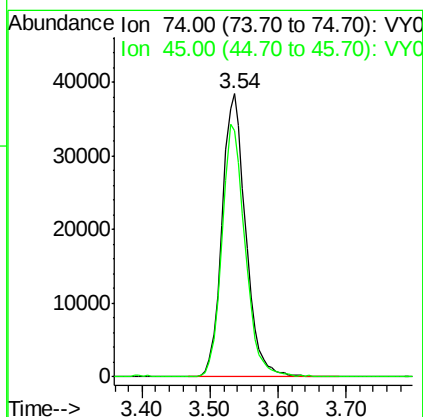
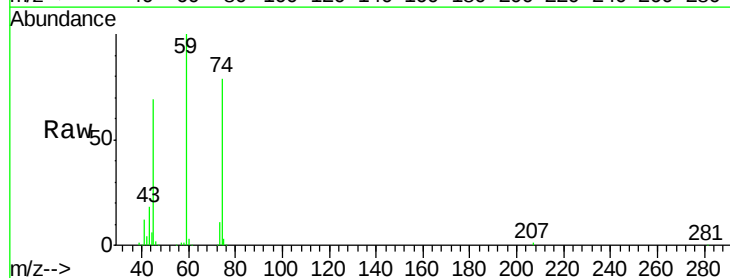
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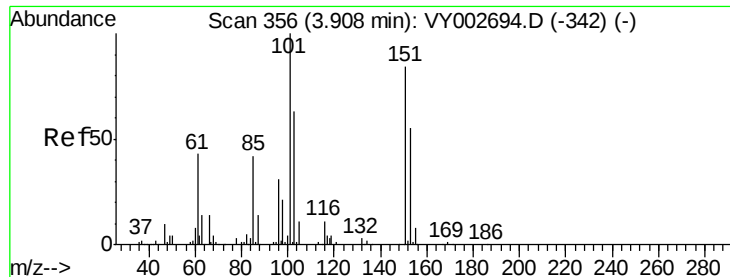


#8

Diethyl Ether
Concen: 52.746 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.5	43.8	131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.447 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

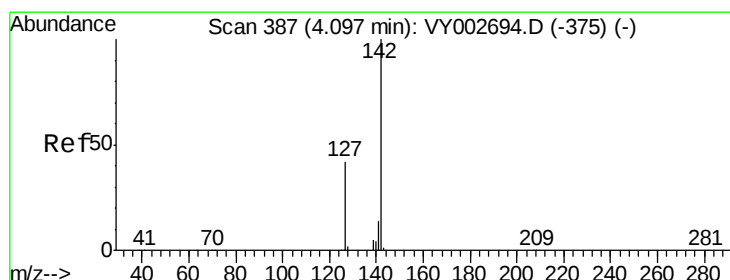
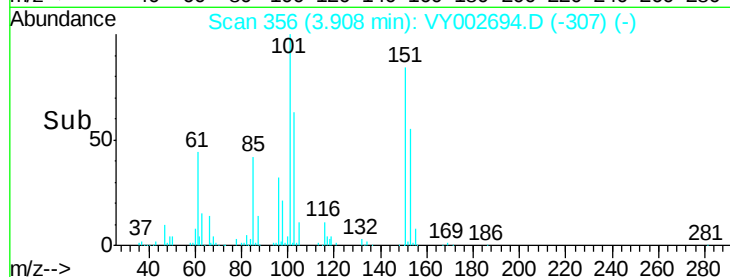
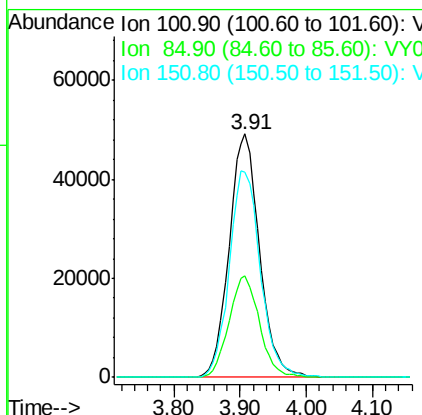
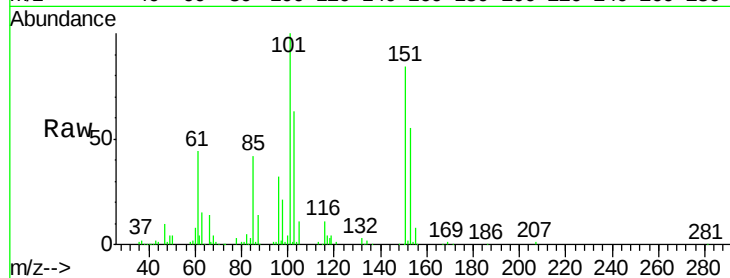
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	156448
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.5	50.3
151	87.0	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 54.793 ug/l

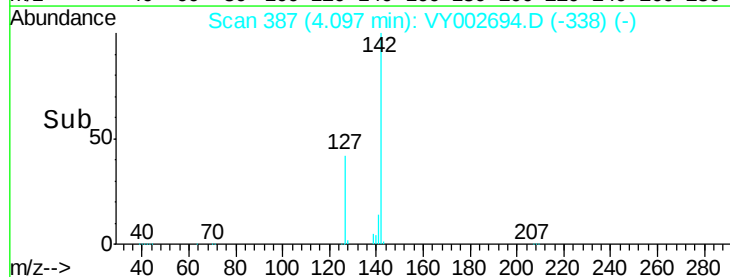
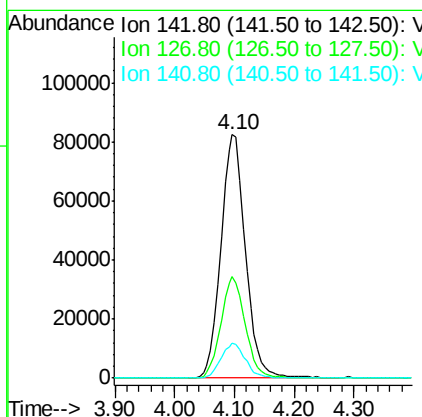
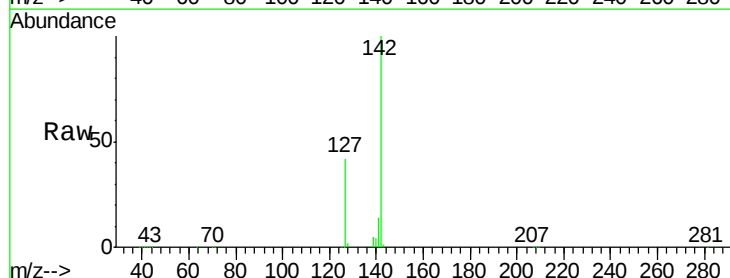
RT: 4.10 min Scan# 387

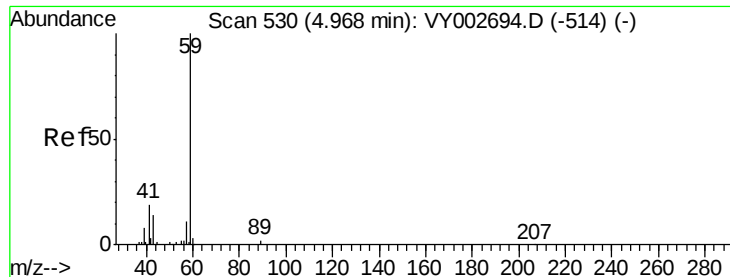
Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tgt Ion:	142	Resp:	236615
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.8	49.2
141	14.1	11.3	16.9





#11

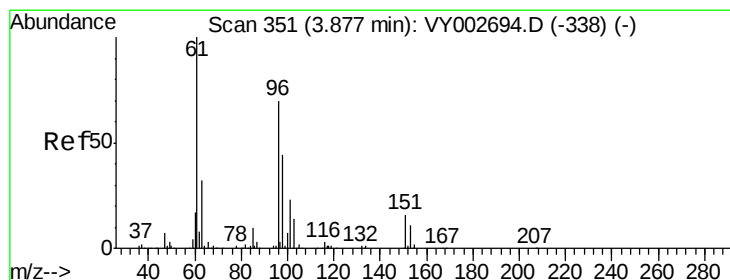
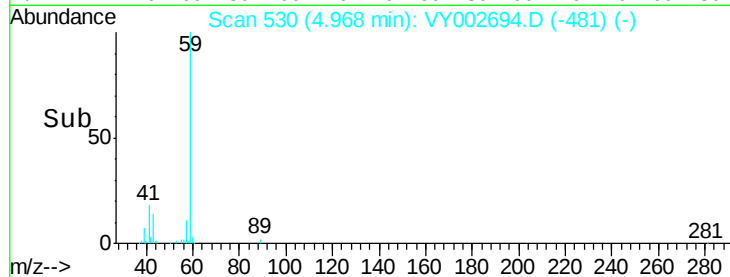
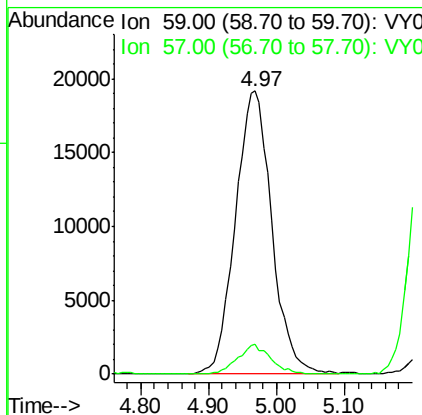
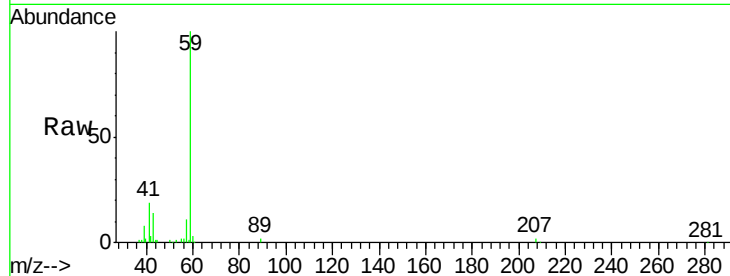
Tert butyl alcohol
 Concen: 230.867 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	59	Resp	71357
Ion Ratio	100	Lower	Upper
57	9.6	7.7	11.5

Manual Integrations
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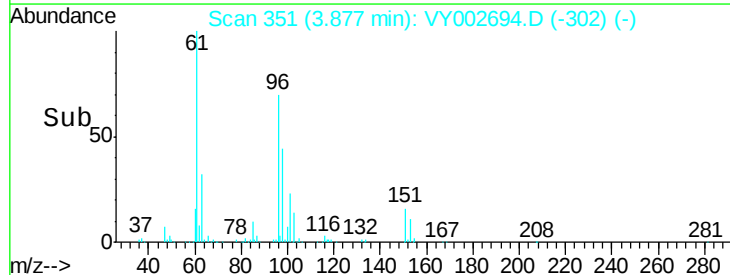
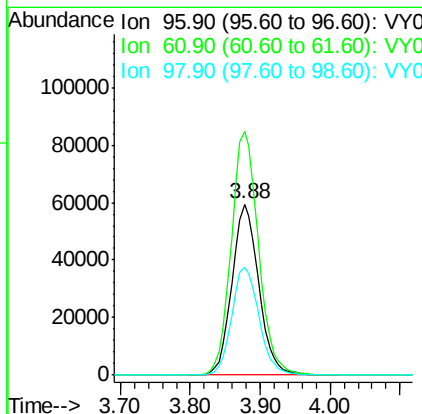
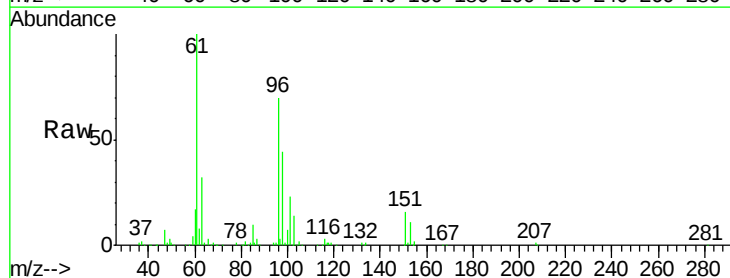
MMDadoda
 5/18/2020 1:36:06 PM

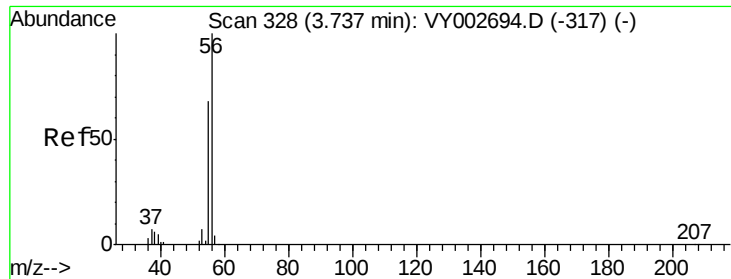


#12

1,1-Dichloroethene
 Concen: 51.095 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Tgt Ion	96	Resp	158147
Ion Ratio	100	Lower	Upper
61	142.3	113.8	170.8
98	63.0	50.4	75.6





#13

Acrolein

Concen: 363.995 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tot Ion: 56 Resp: 84967

Ion Ratio Lower Upper

56 100

55 68.5 54.8 82.2

Instrument :

MSVOA_Y

ClientSampleId :

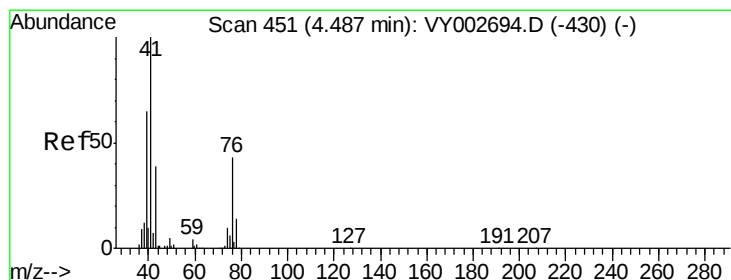
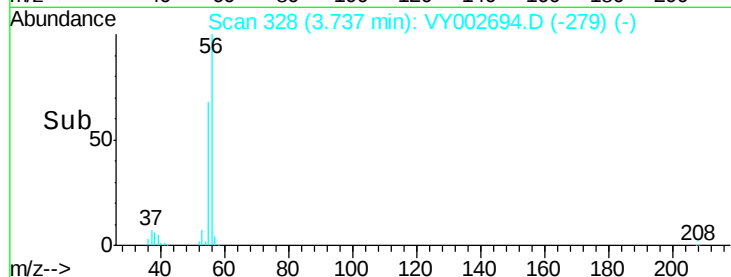
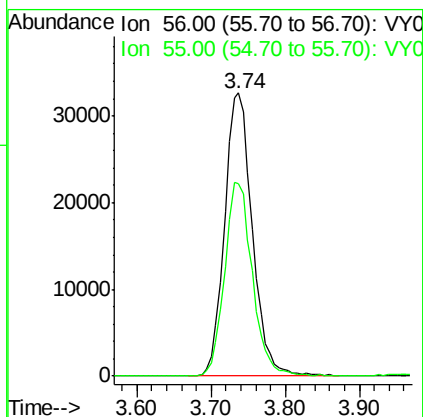
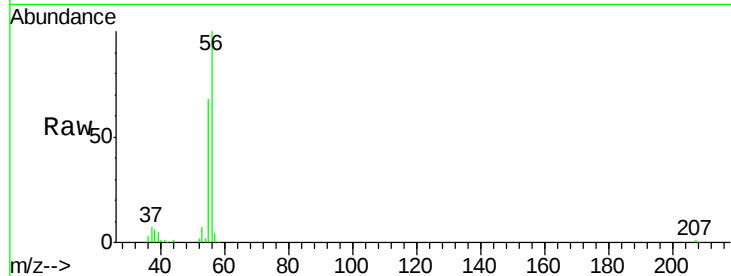
VSTDICCC050

Manual Integrations

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#14

Allyl chloride

Concen: 51.198 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

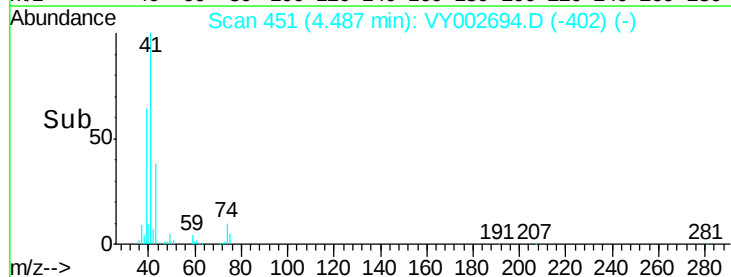
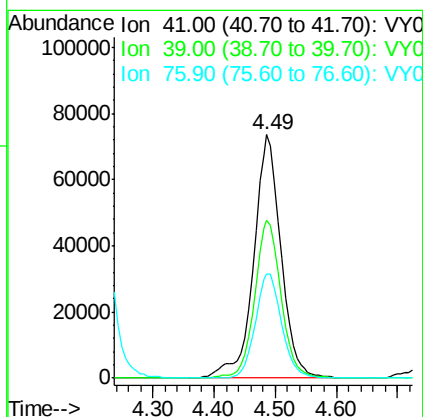
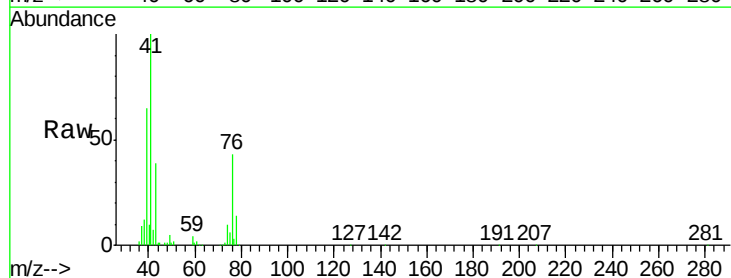
Tgt Ion: 41 Resp: 230005

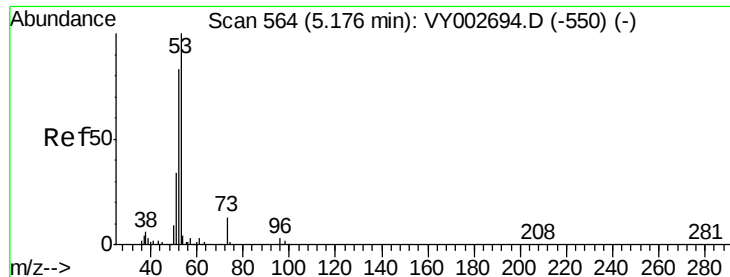
Ion Ratio Lower Upper

41 100

39 62.9 50.3 75.5

76 41.5 33.2 49.8





#15

Acrylonitrile

Concen: 257.550 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

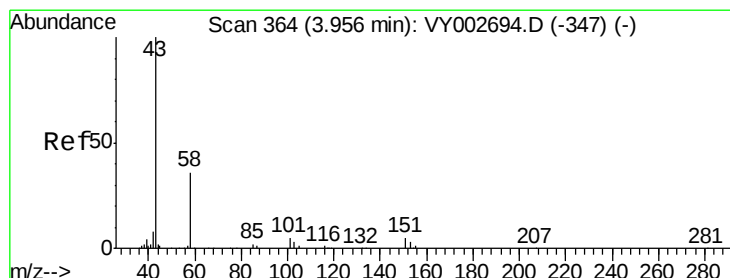
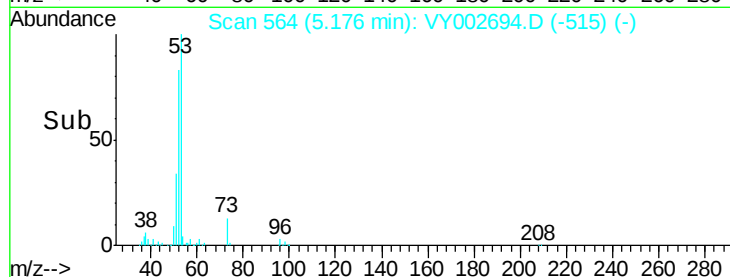
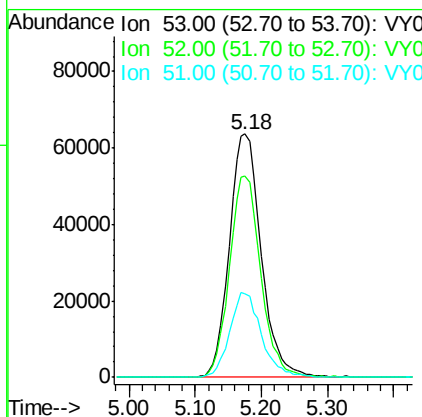
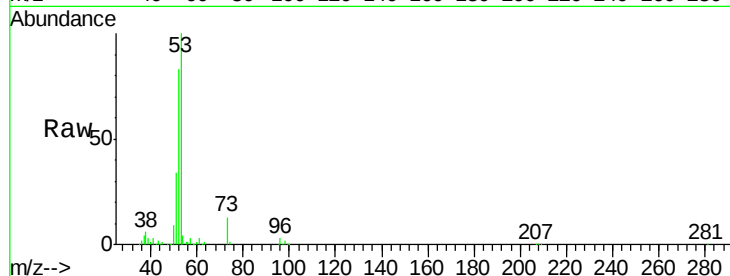
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	212702
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.6
51	34.9	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 250.932 ug/l

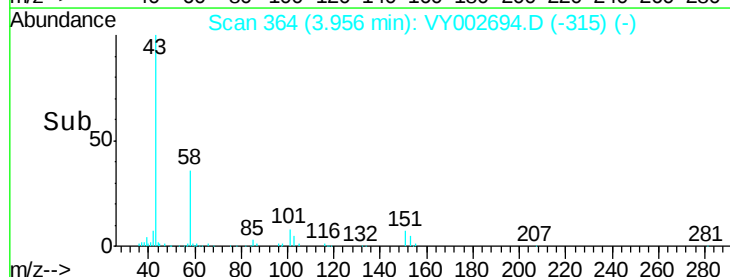
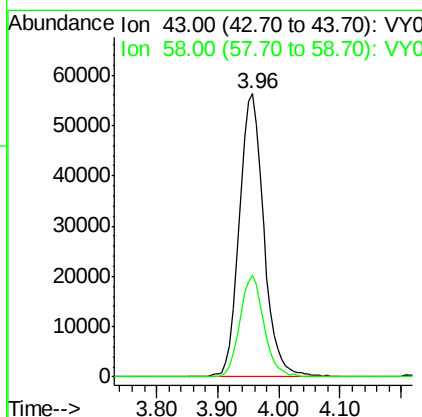
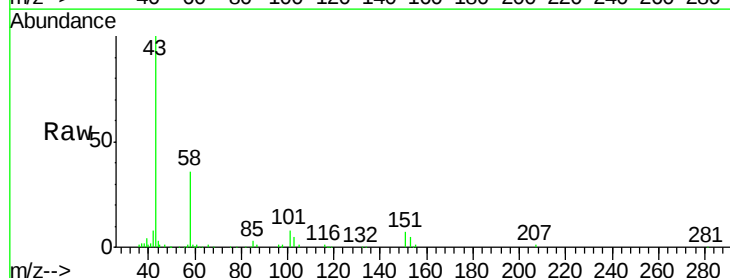
RT: 3.96 min Scan# 364

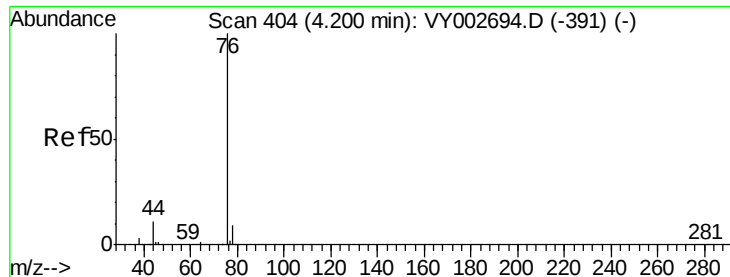
Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tgt Ion:	43	Resp:	155600
Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.6	43.0





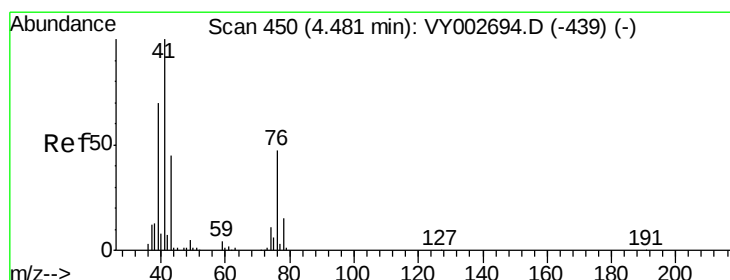
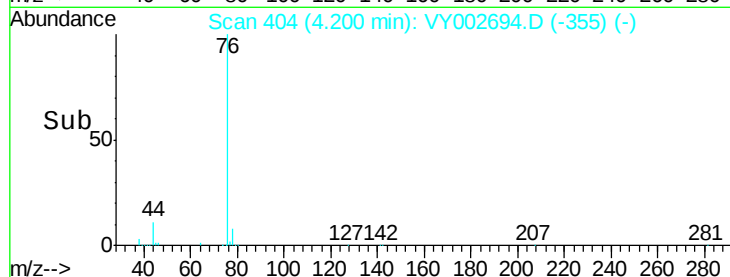
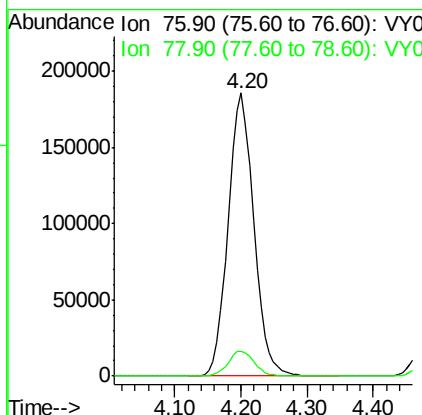
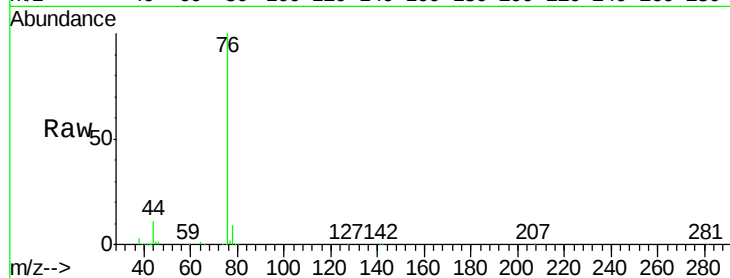
#17
Carbon Disulfide
Concen: 53.860 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

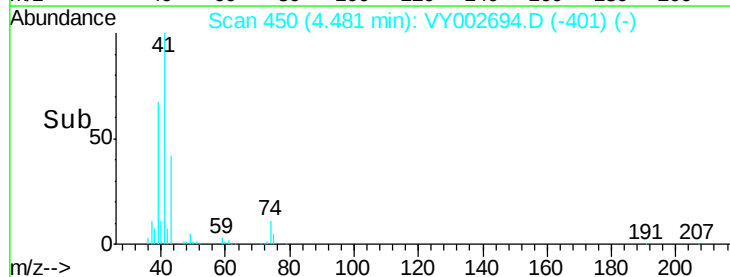
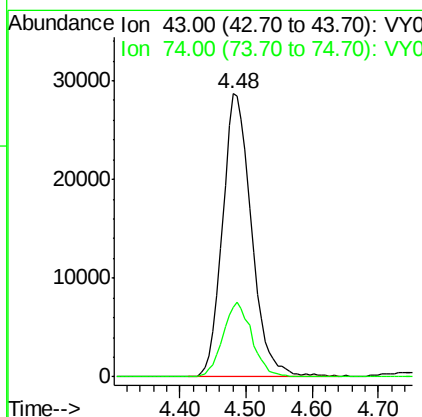
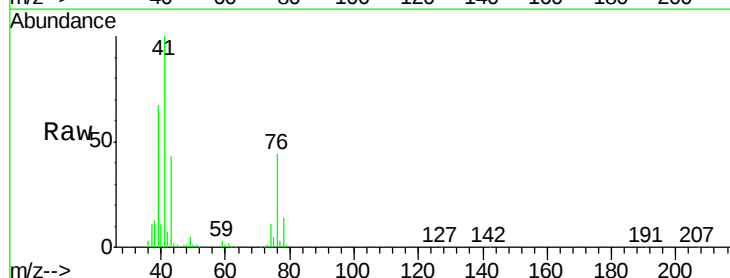
Manual Integrations
APPROVED

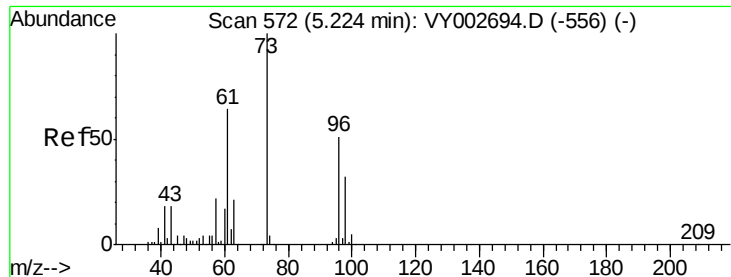
MMDadoda
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#18
Methyl Acetate
Concen: 42.958 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	21.1	31.7





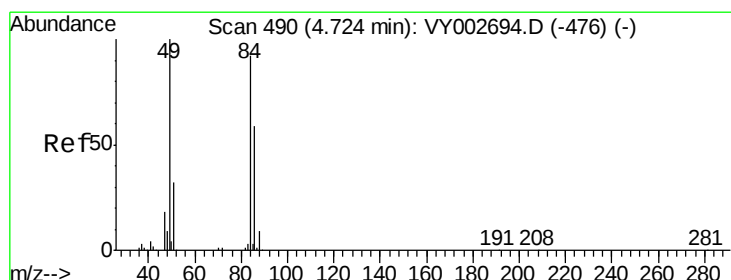
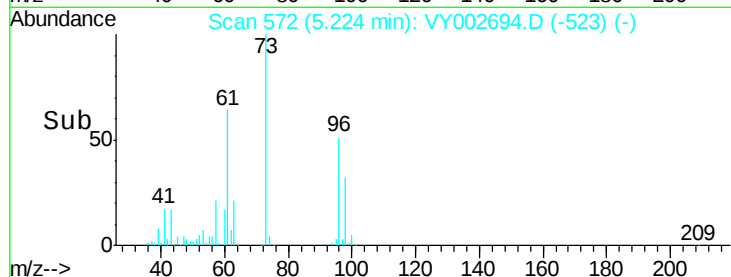
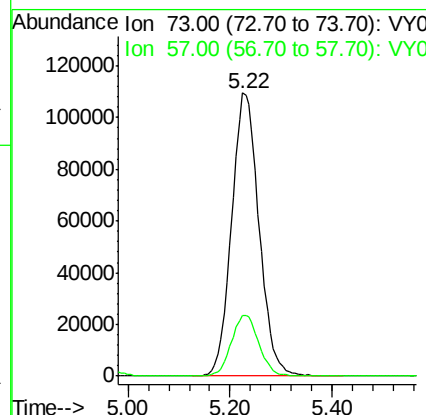
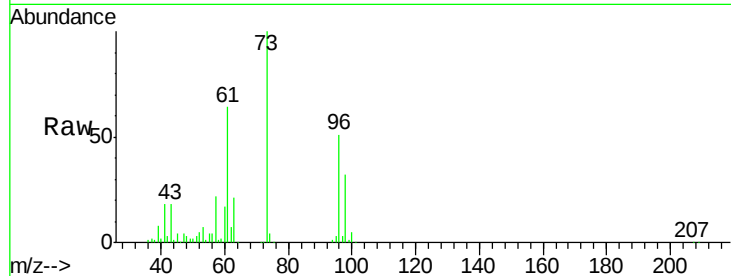
#19
Methvl tert-butvl Ether
Concen: 50.745 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.3	25.9

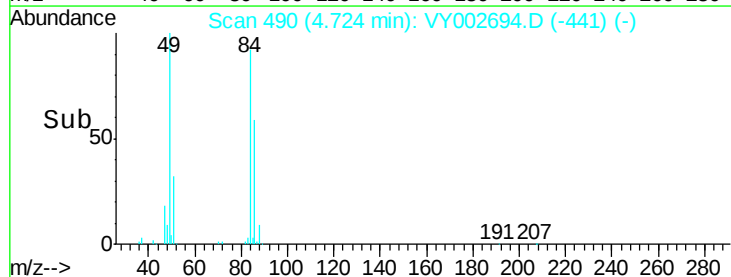
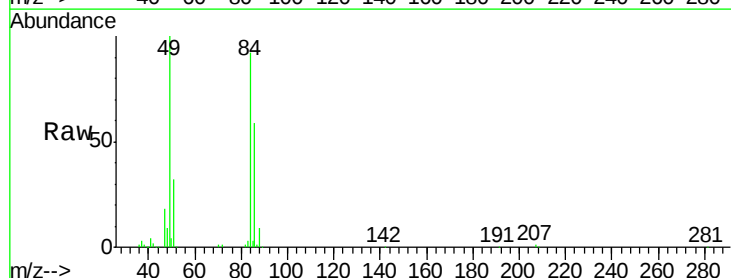
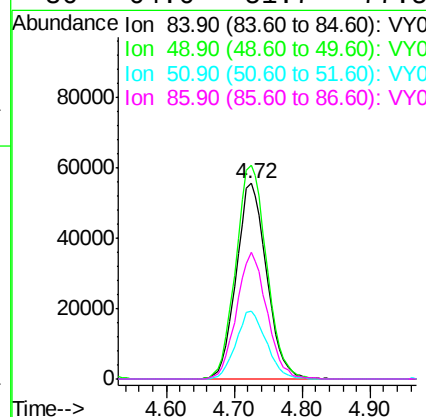
Manual Integrations
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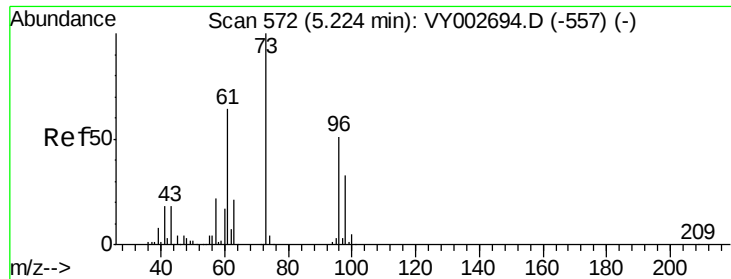
MMDadoda
5/18/2020 1:36:06 PM



#20
Methylene Chloride
Concen: 49.210 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.2	87.4	131.0
51	34.9	27.9	41.9
86	64.6	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 52.302 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

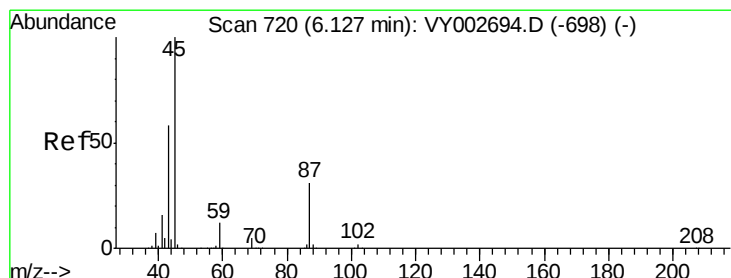
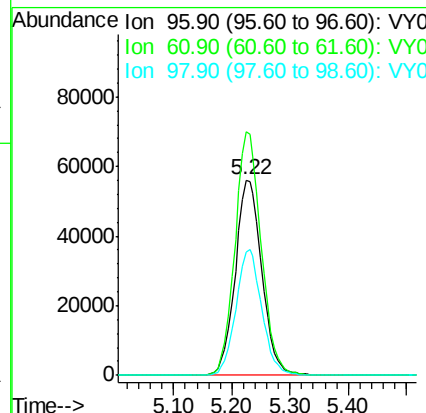
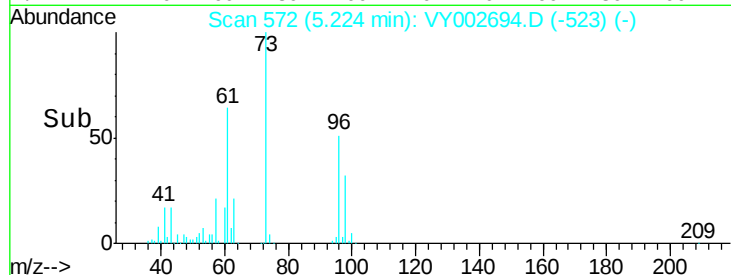
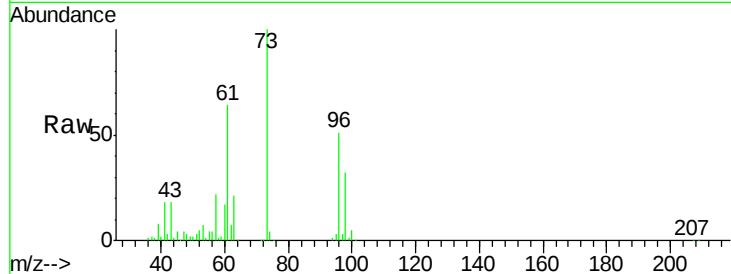
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	177548
Ion	Ratio	Lower	Upper
96	100		
61	124.5	99.6	149.4
98	63.3	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.868 ug/l

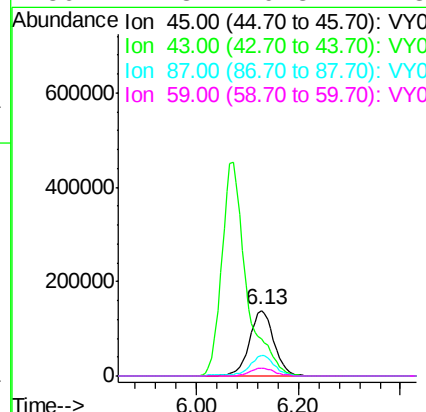
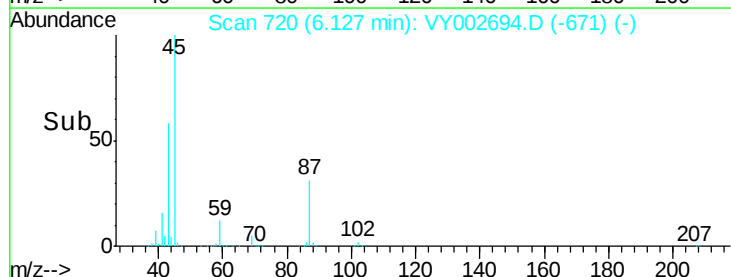
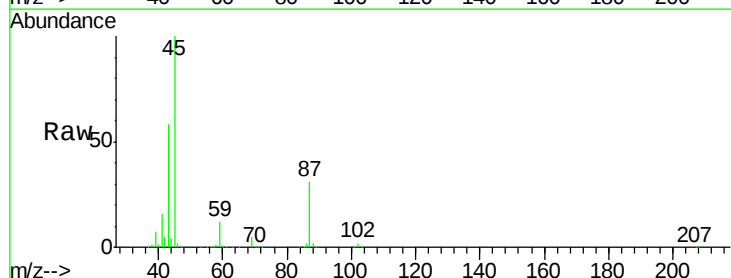
RT: 6.13 min Scan# 720

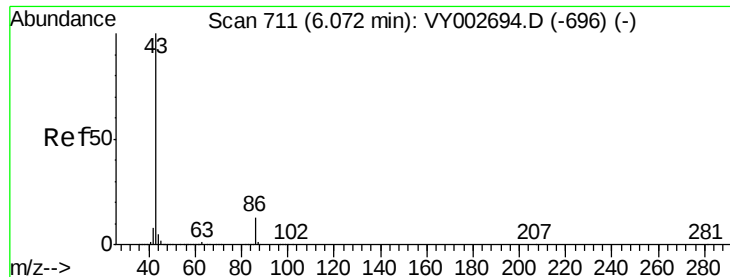
Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tgt Ion:	45	Resp:	463297
Ion	Ratio	Lower	Upper
45	100		
43	57.6	46.1	69.1
87	31.1	24.9	37.3
59	12.3	9.8	14.8





#23

Vinyl Acetate

Concen: 264.163 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tot Ion: 43 Resp: 1516577

Ion Ratio Lower Upper

43 100

86 12.6 10.1 15.1

Instrument :

MSVOA_Y

ClientSampleId :

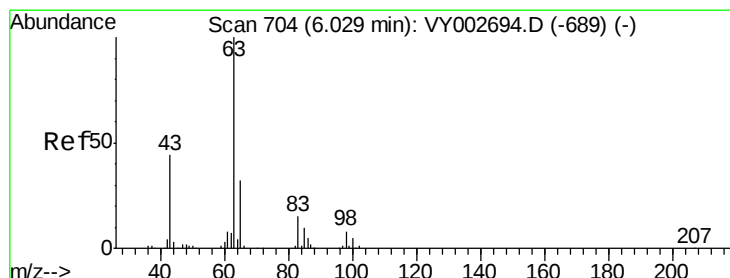
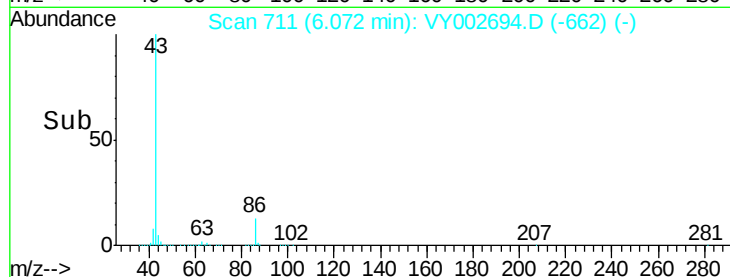
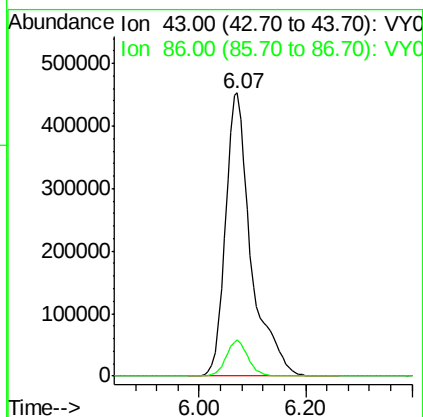
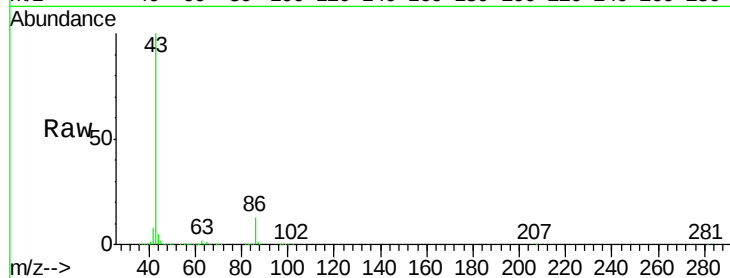
VSTDICCC050

Manual Integrations

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5/18/2020 1:36:06 PM



#24

1,1-Dichloroethane

Concen: 51.028 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

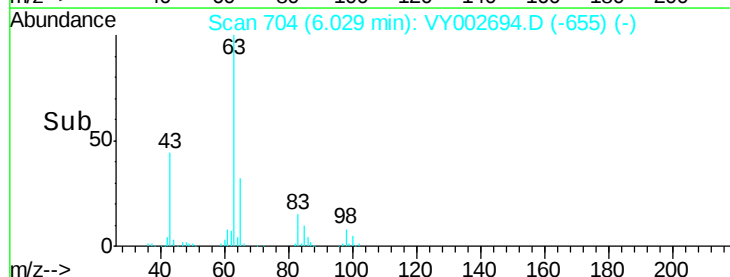
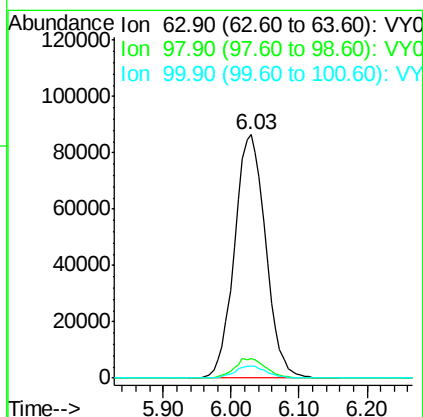
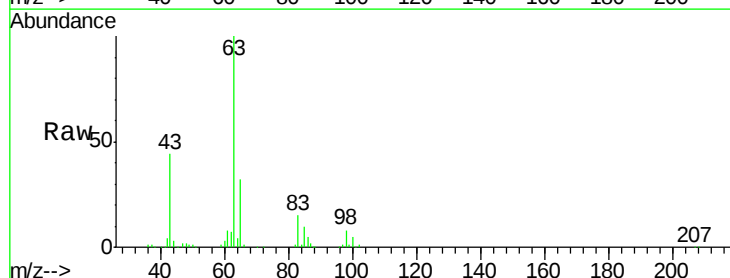
Tgt Ion: 63 Resp: 274627

Ion Ratio Lower Upper

63 100

98 7.9 4.0 11.9

100 5.1 2.5 7.6





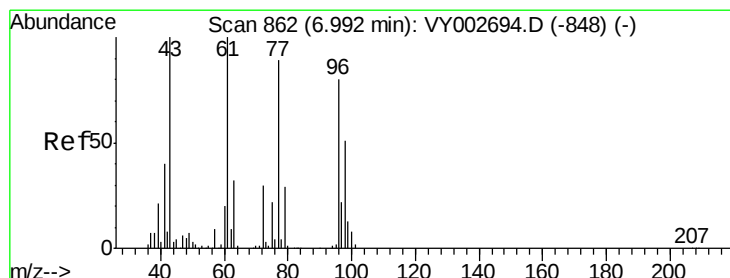
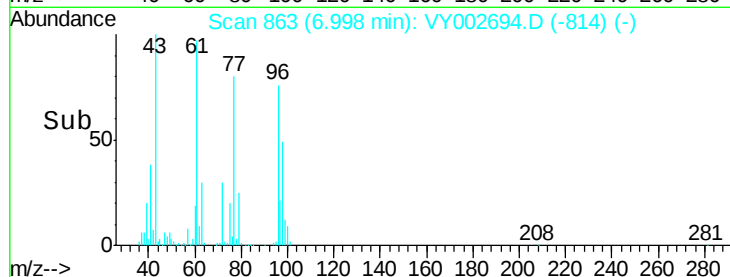
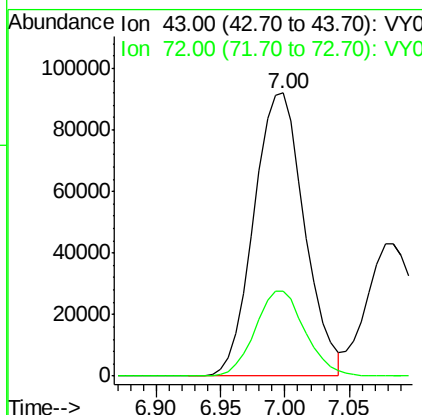
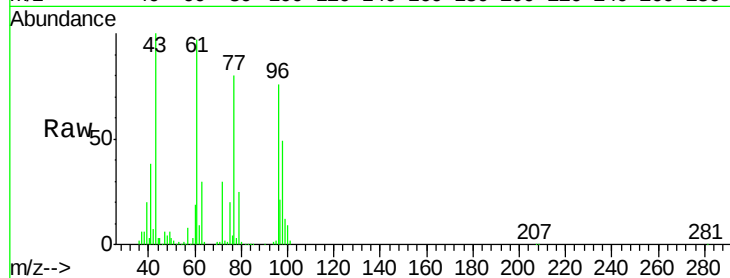
#25
2-Butanone
Concen: 247.767 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	30.1	24.1	36.1

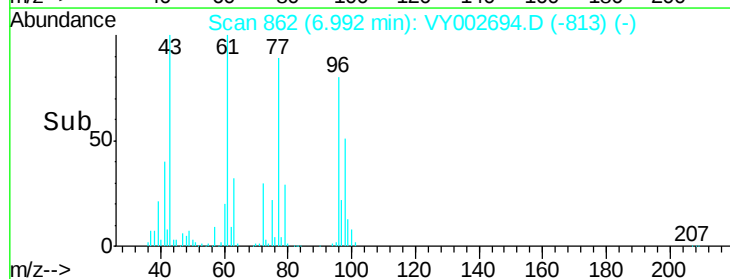
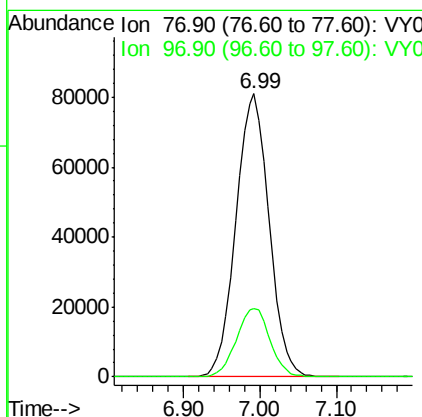
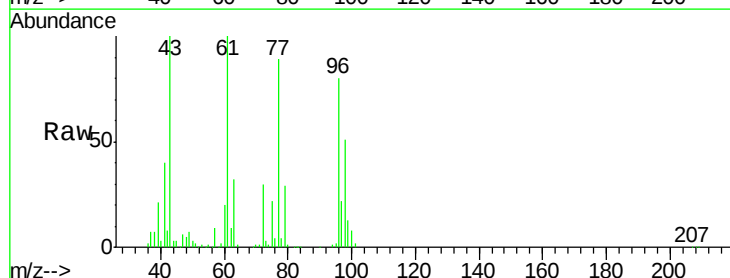
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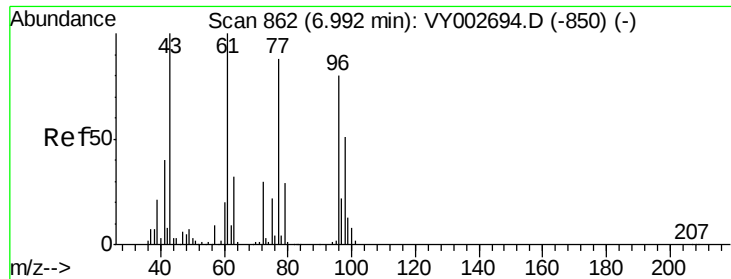
MMDadoda
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#26
2,2-Dichloropropane
Concen: 47.723 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.6	12.3	36.9





#27

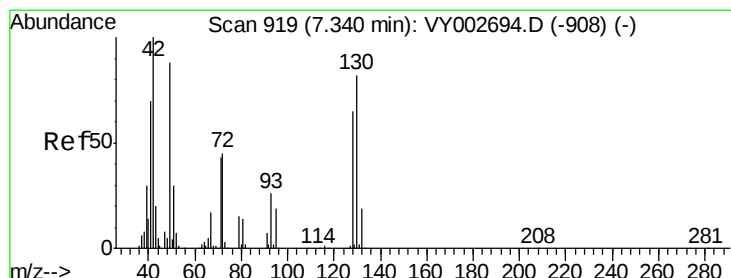
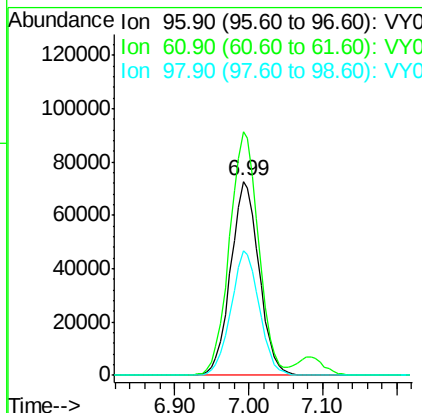
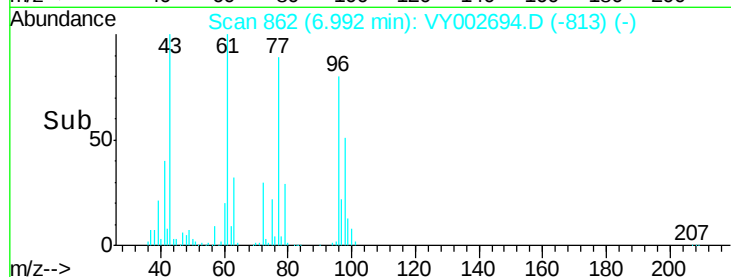
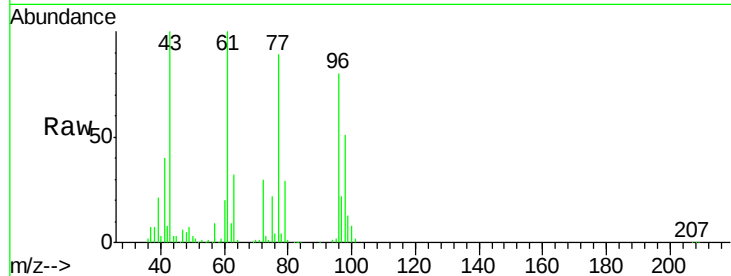
cis-1,2-Dichloroethene
Concen: 51.634 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	194168		
61	129.0	0.0	258.0	
98	64.2	0.0	128.4	

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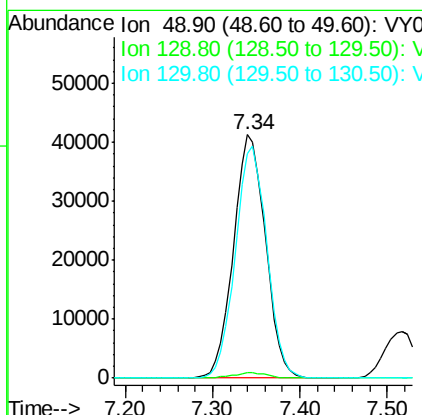
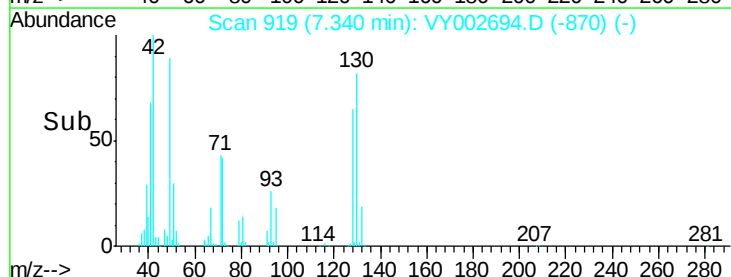
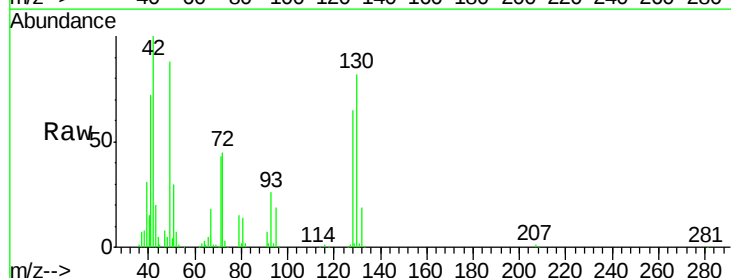
MMDadoda
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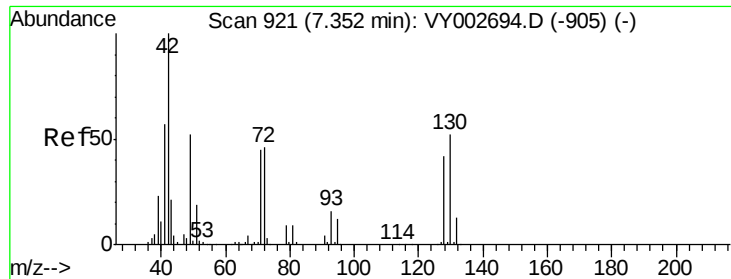


#28

Bromochloromethane
Concen: 47.823 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	105076		
129	2.3	0.0	4.6	
130	94.1	75.3	112.9	





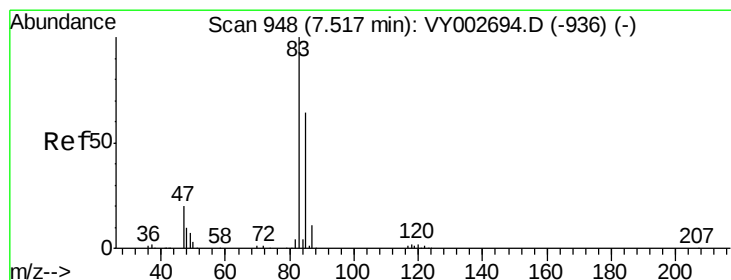
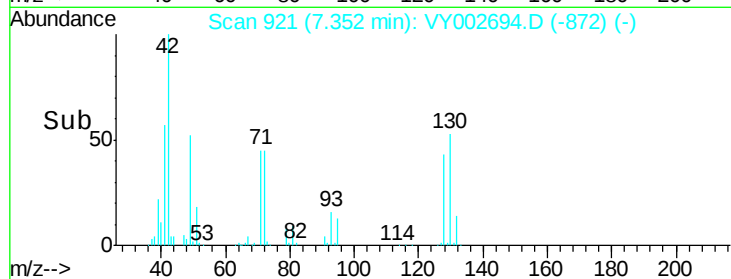
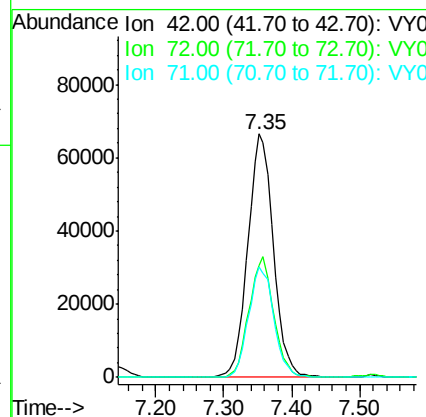
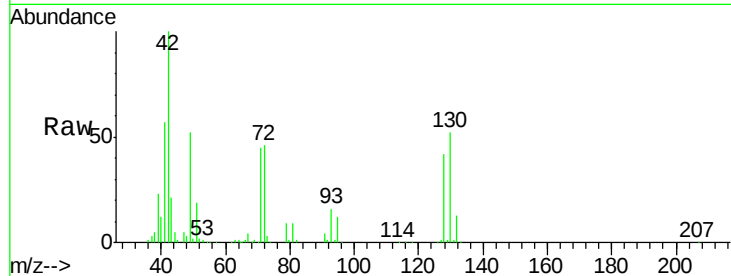
#29
Tetrahydrofuran
Concen: 257.585 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	38.2	57.2
71	44.8	35.8	53.8

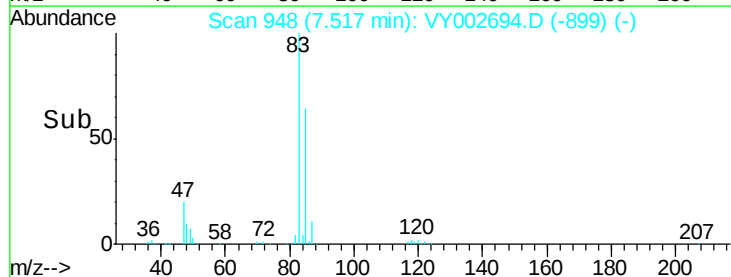
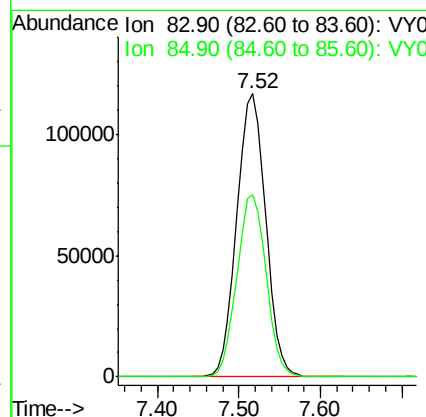
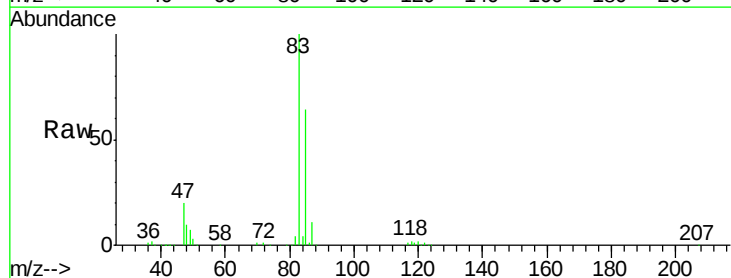
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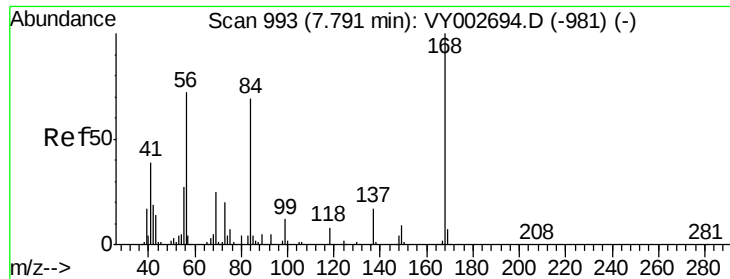
MMDadoda
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#30
Chloroform
Concen: 51.077 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





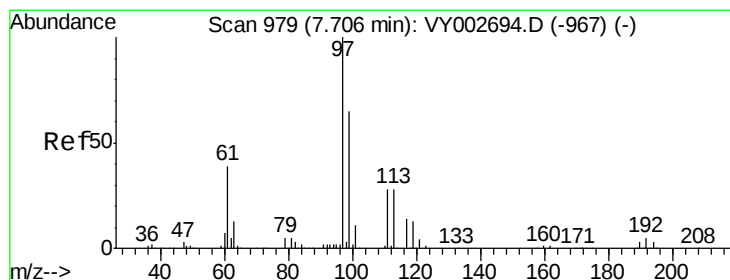
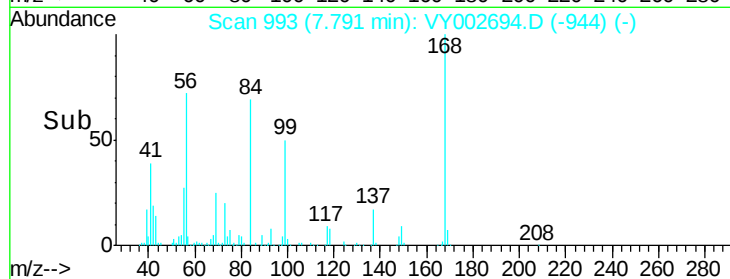
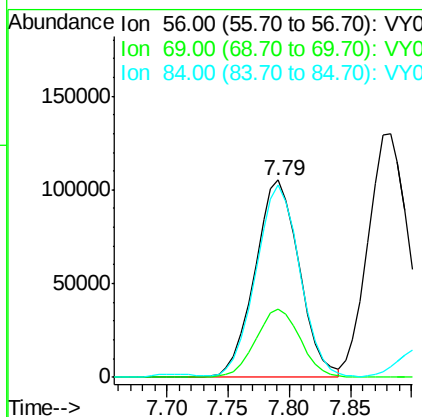
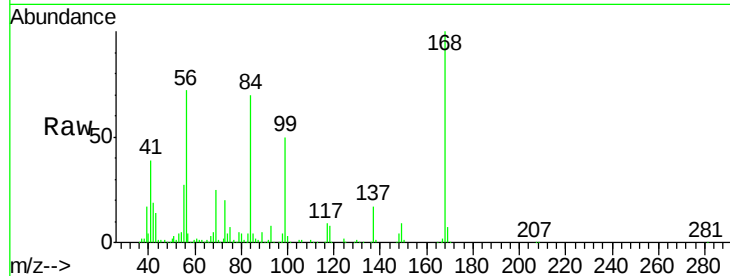
#31
Cyclohexane
Concen: 48.890 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.6	27.7	41.5
84	96.2	77.0	115.4

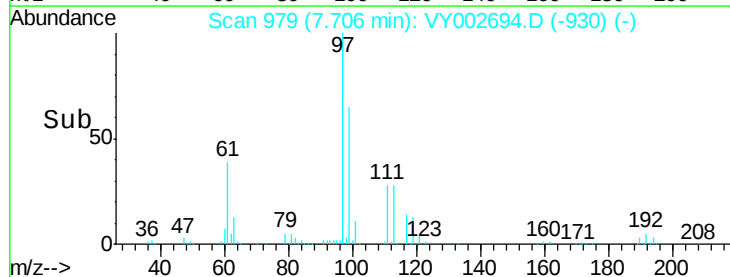
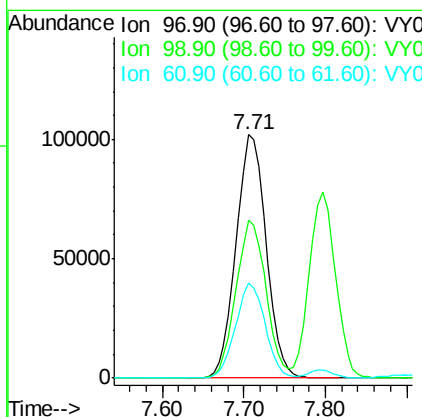
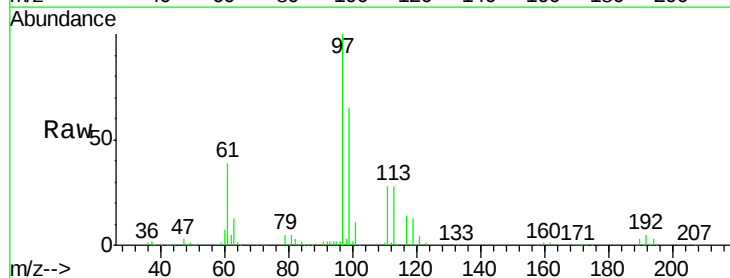
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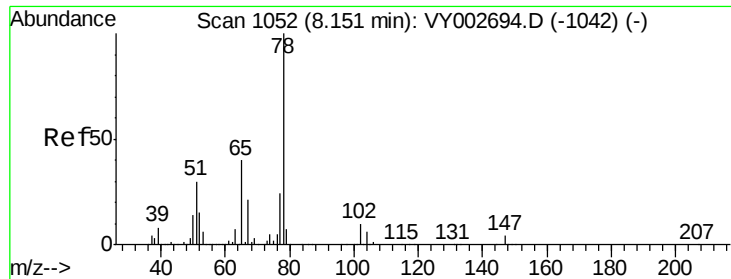
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#32
1,1,1-Trichloroethane
Concen: 50.309 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	38.2	30.6	45.8





#33

1,2-Dichloroethane-d4

Concen: 48.506 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 146342

Ion Ratio Lower Upper

65 100

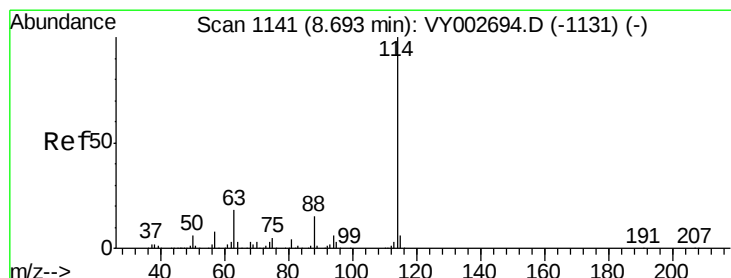
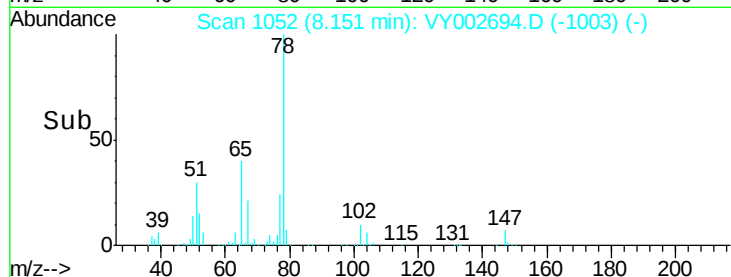
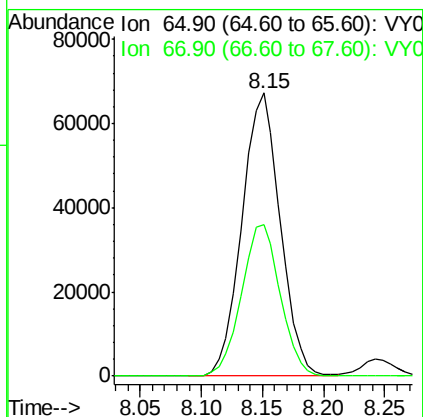
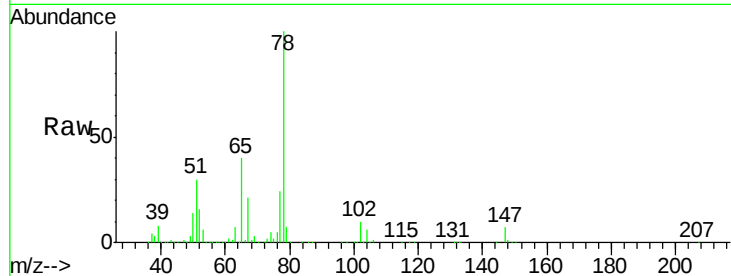
67 54.5 0.0 109.0

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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: VY002694.D

Acq: 15 May 2020 12:33

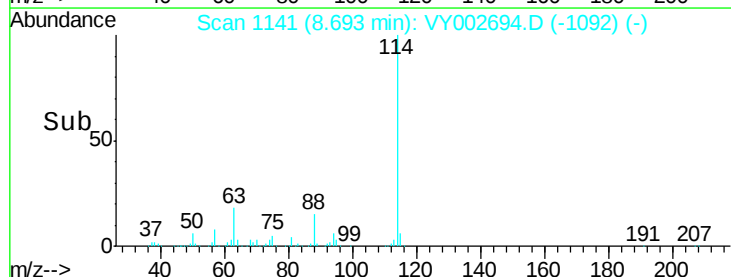
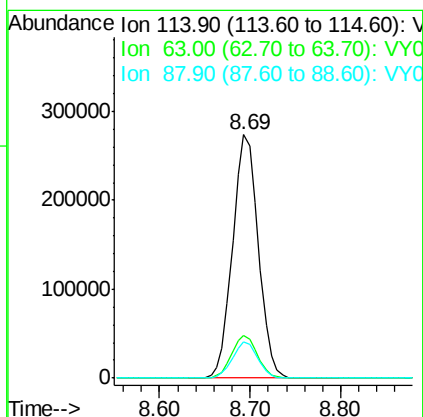
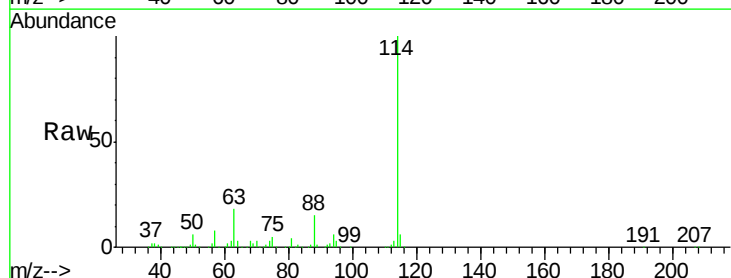
Tgt Ion: 114 Resp: 537889

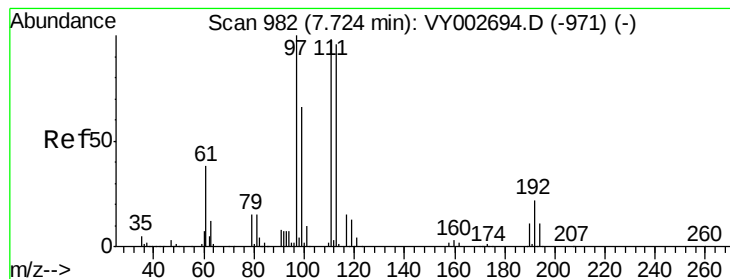
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.4

88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.568 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

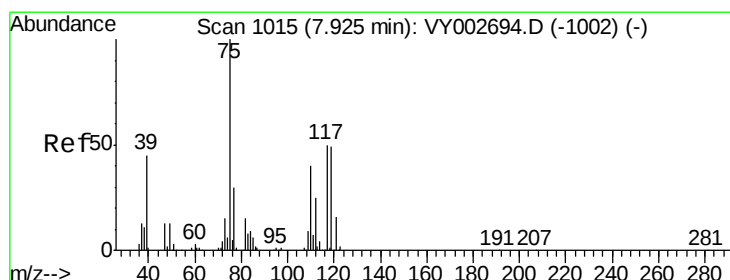
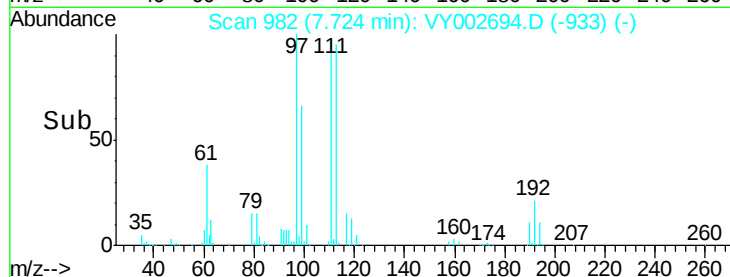
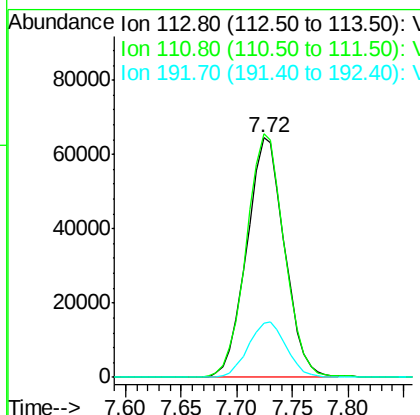
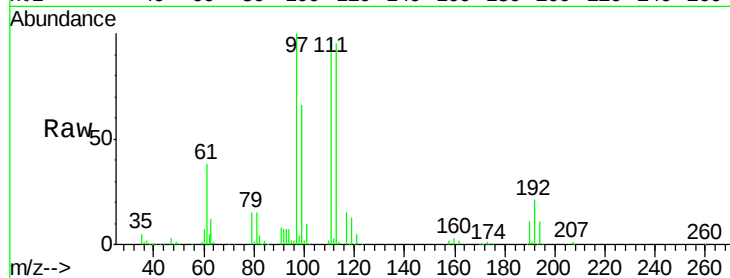
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	152272
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.9	122.9
192	23.2	18.6	27.8

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#36

1,1-Dichloropropene

Concen: 50.679 ug/l

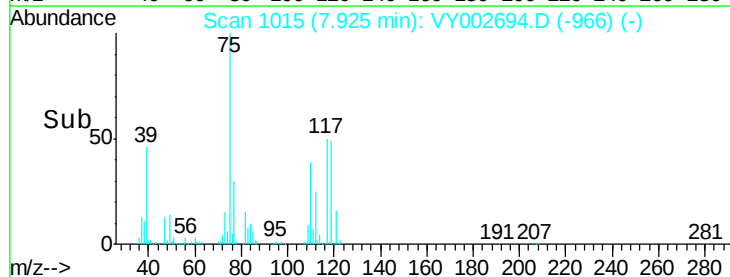
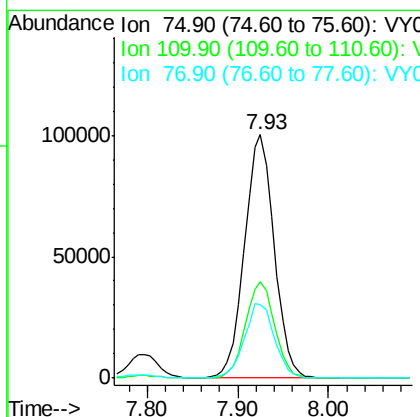
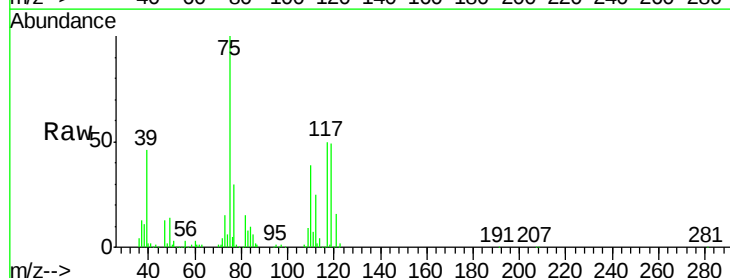
RT: 7.93 min Scan# 1015

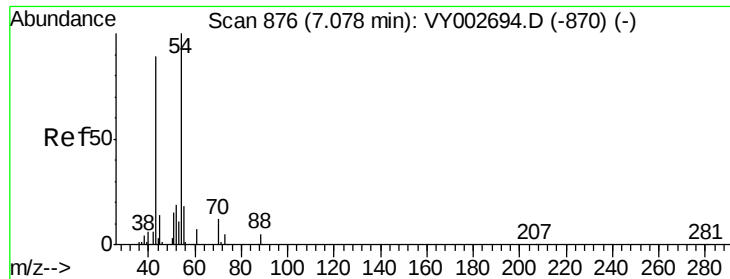
Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tgt Ion:	75	Resp:	227166
Ion Ratio	Lower	Upper	
75	100		
110	38.9	19.4	58.4
77	31.2	25.0	37.4





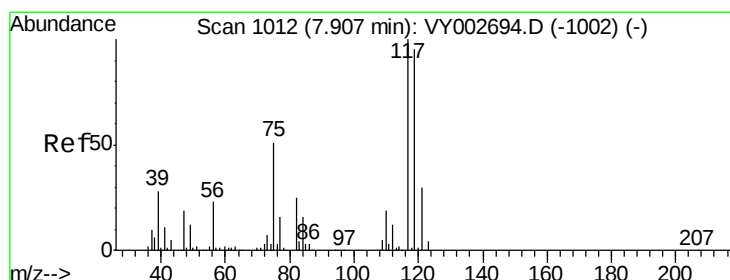
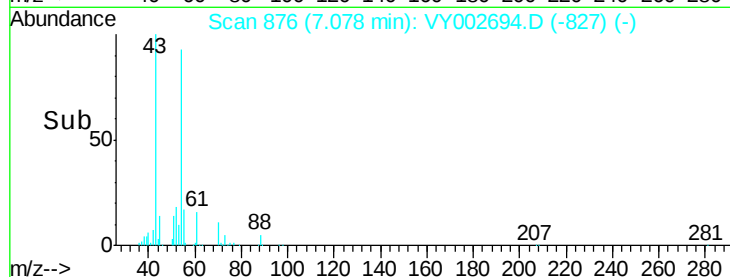
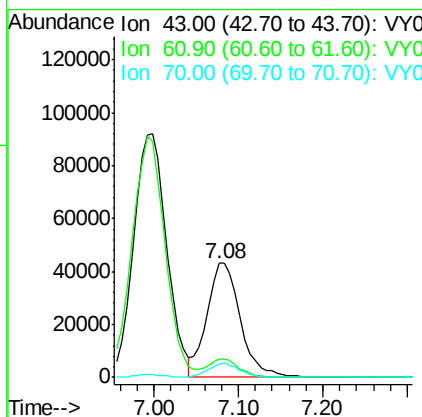
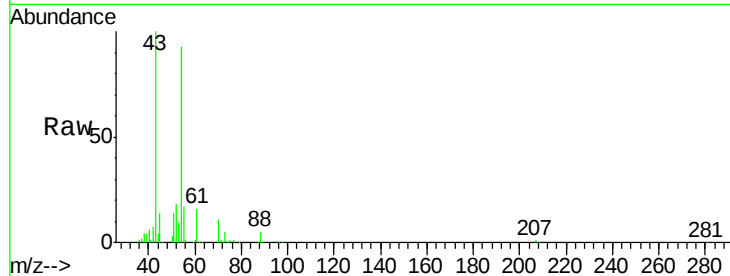
#37
Ethyl Acetate
Concen: 51.274 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.8	17.8
70	11.5	9.2	13.8

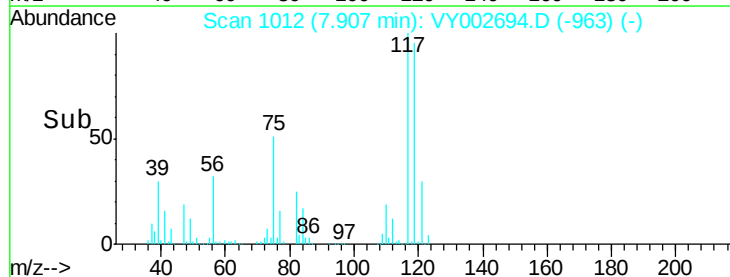
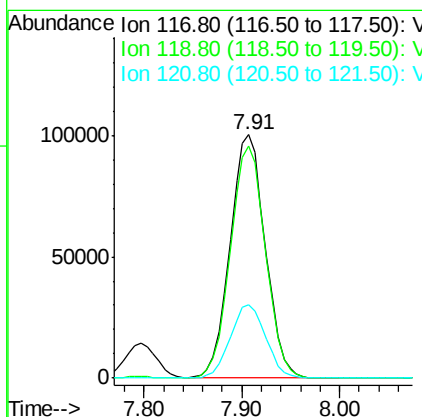
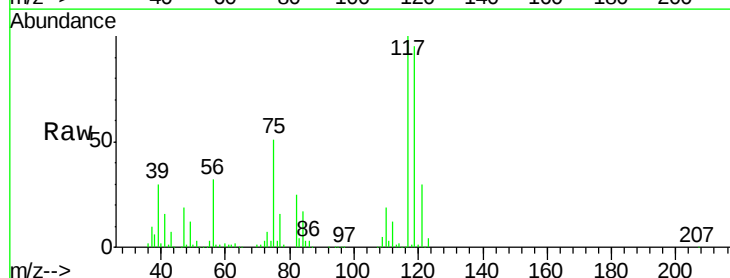
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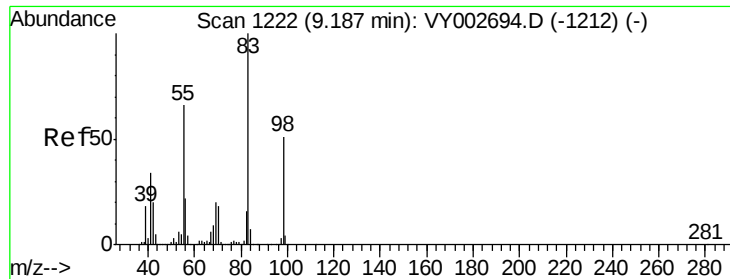
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#38
Carbon Tetrachloride
Concen: 50.915 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.3	114.5
121	30.2	24.2	36.2





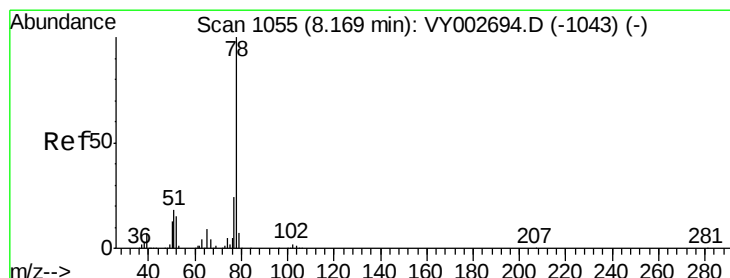
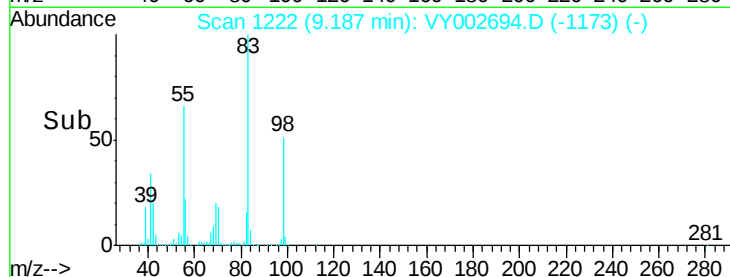
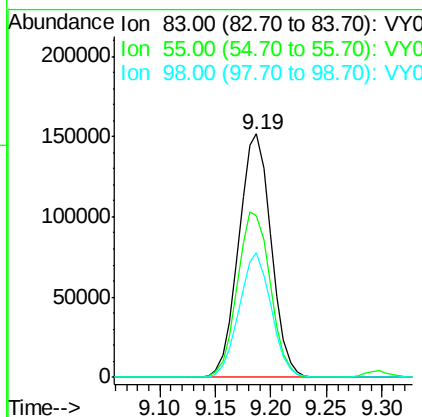
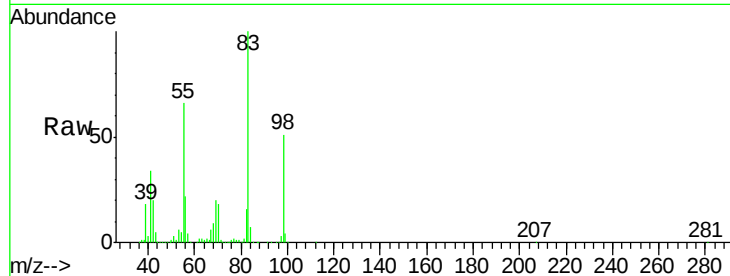
#39
Methvlcvclohexane
Concen: 51.635 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.3	53.0	79.6
98	51.0	40.8	61.2

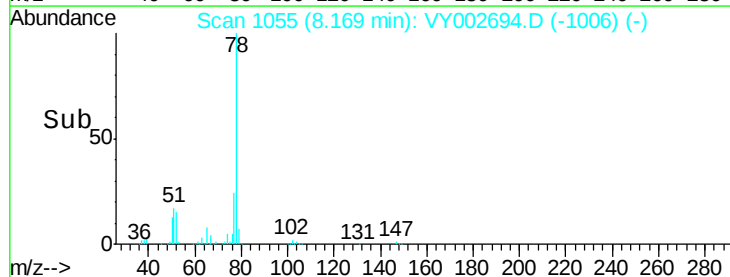
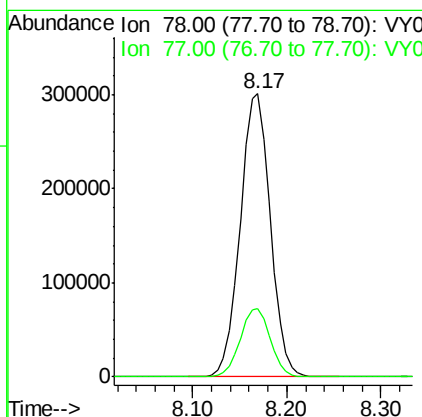
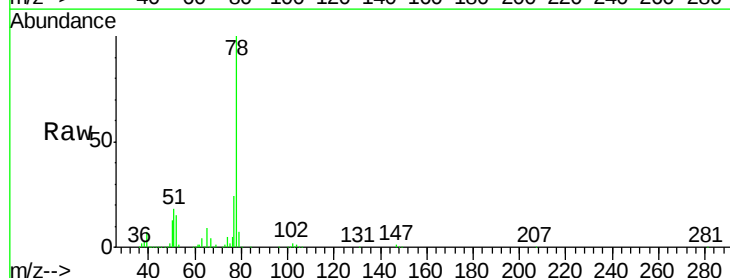
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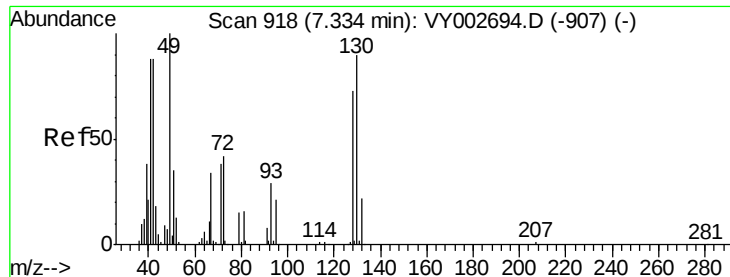
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#40
Benzene
Concen: 51.637 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





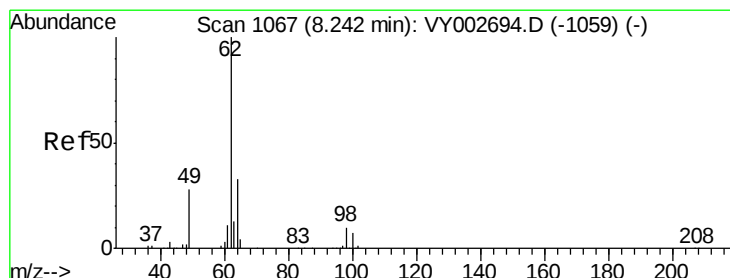
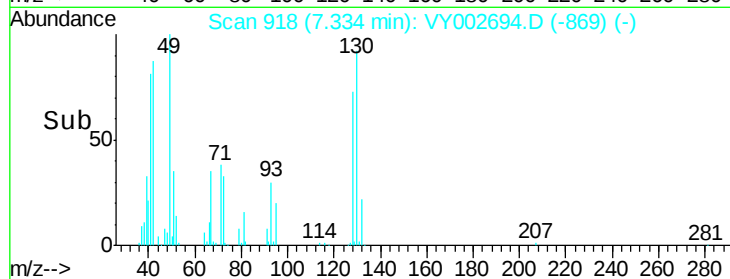
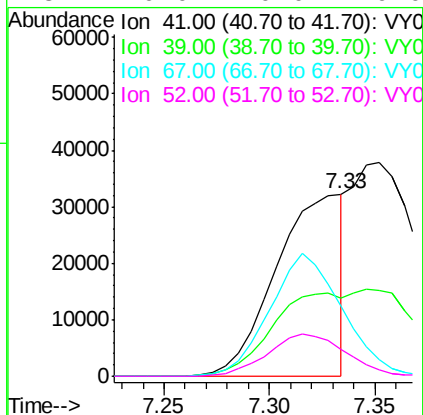
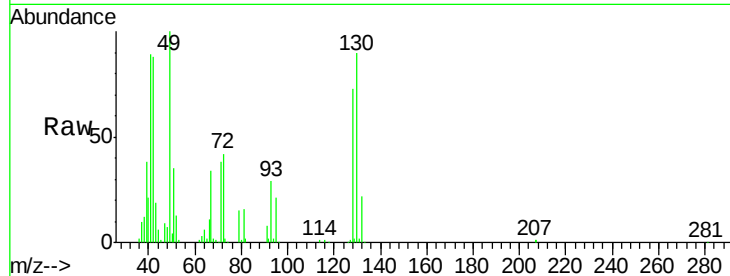
#41
Methacrylonitrile
Concen: 58.132 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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

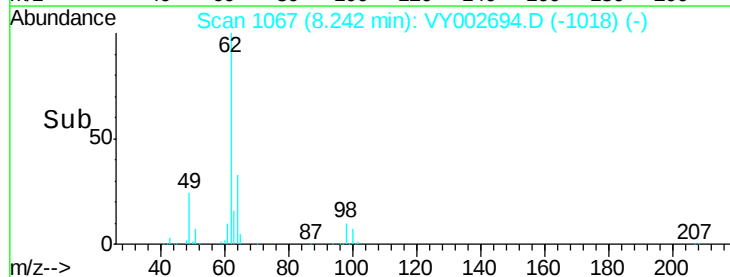
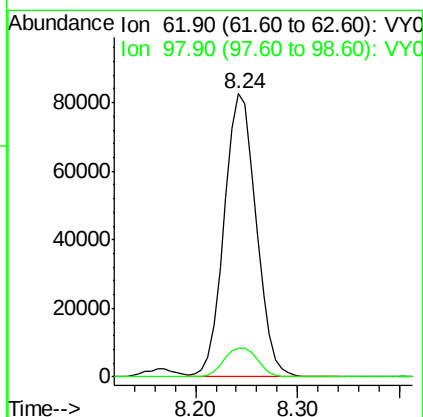
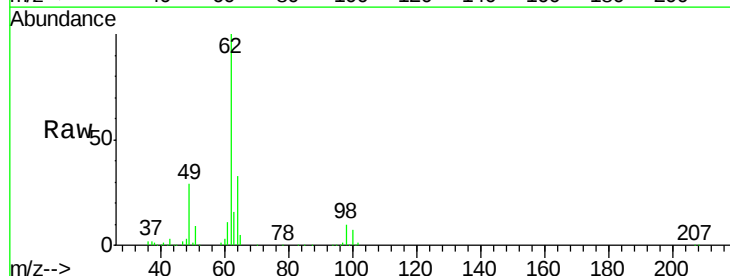
Manual Integrations
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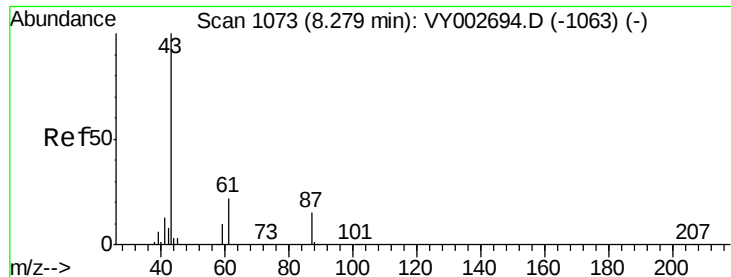
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.758 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.8





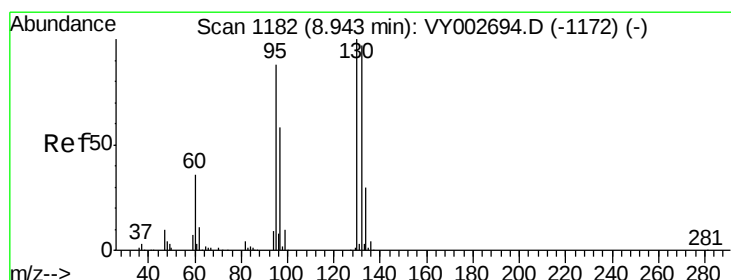
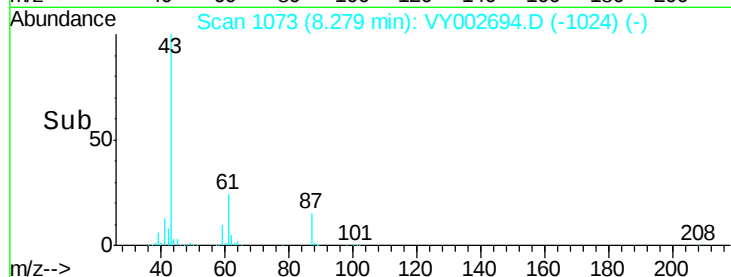
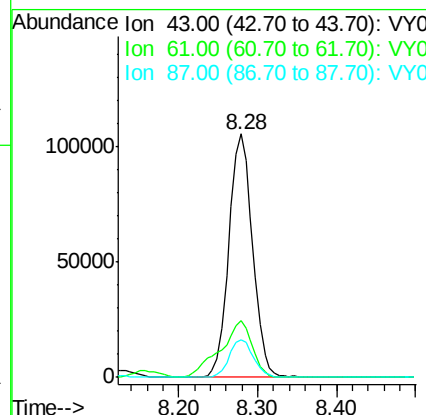
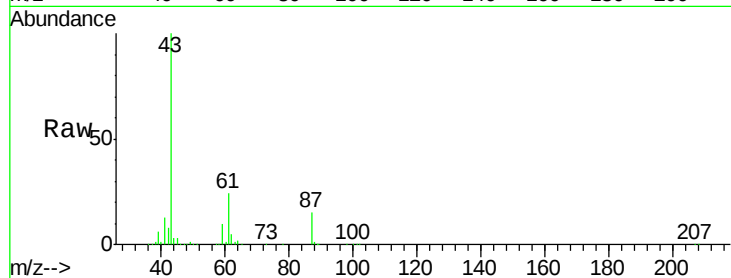
#43
Isopropyl Acetate
Concen: 51.102 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.9	37.3
87	15.8	12.6	19.0

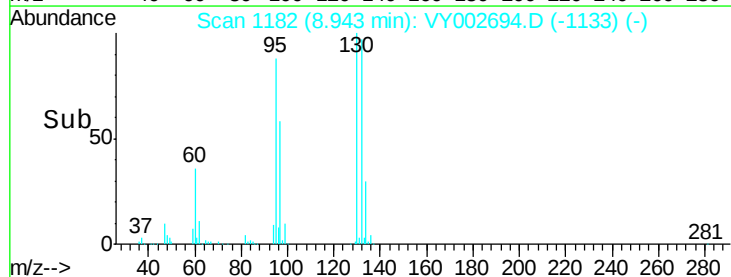
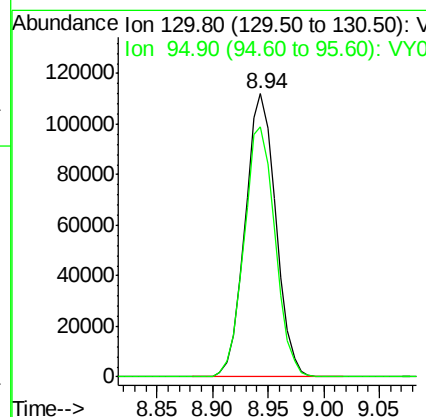
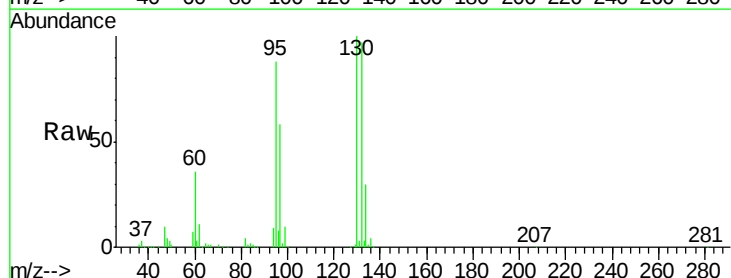
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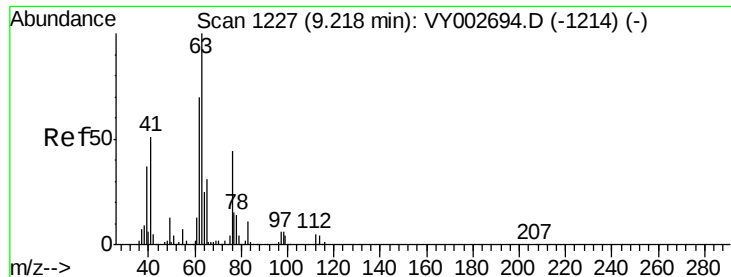
MMDadoda
5/18/2020 1:36:06 PM



#44
Trichloroethene
Concen: 52.471 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	176.4





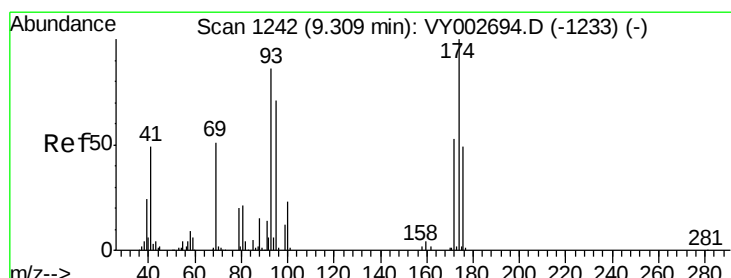
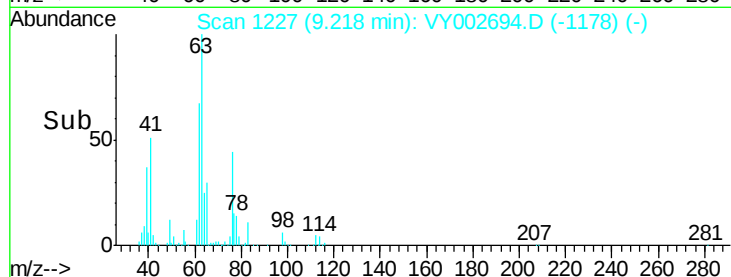
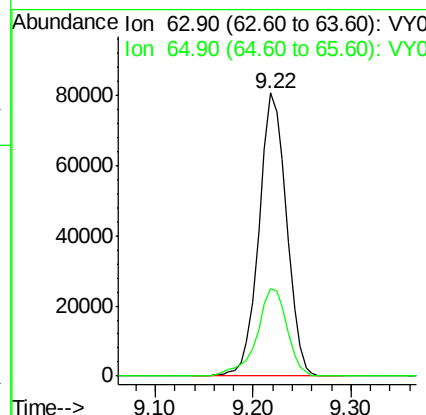
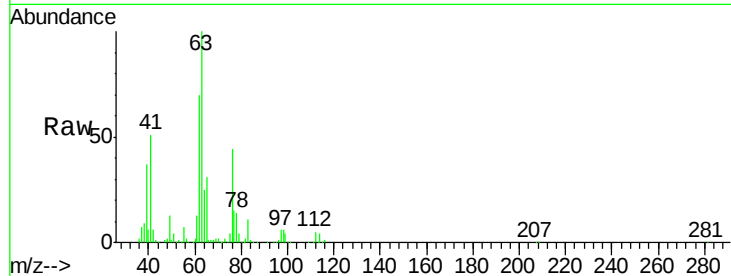
#45
 1,2-Dichloropropane
 Concen: 50.505 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

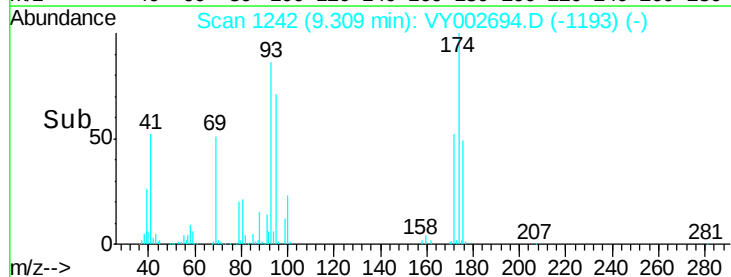
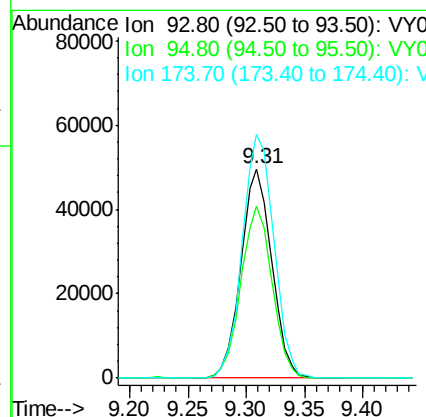
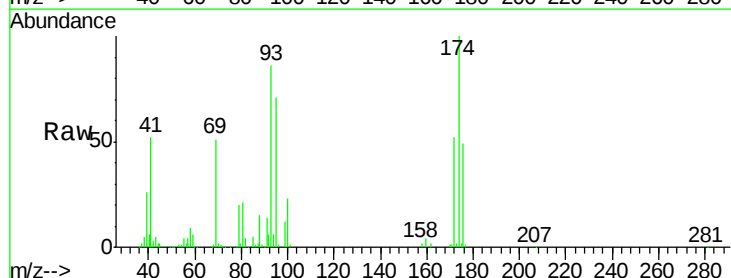
Manual Integrations
 APPROVED

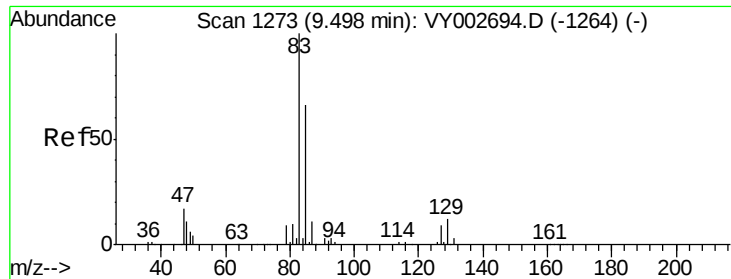
MMDadoda
 5/18/2020 1:36:06 PM



#46
 Dibromomethane
 Concen: 51.084 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.5	99.7
174	119.5	95.6	143.4





#47

Bromodichloromethane

Concen: 51.049 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

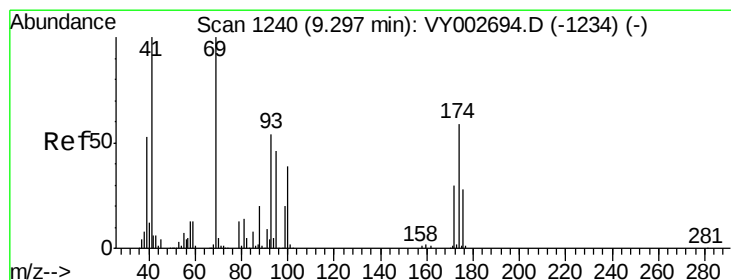
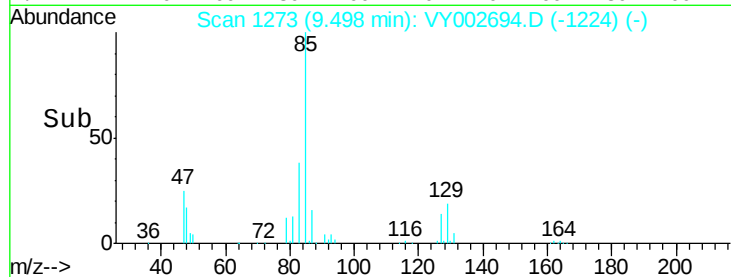
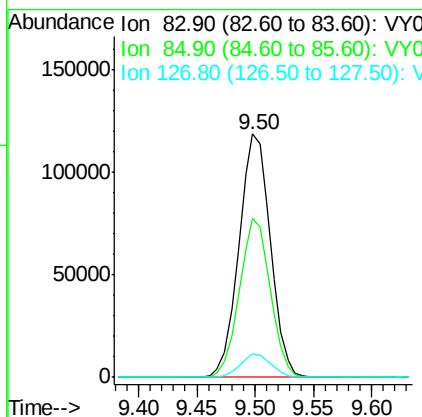
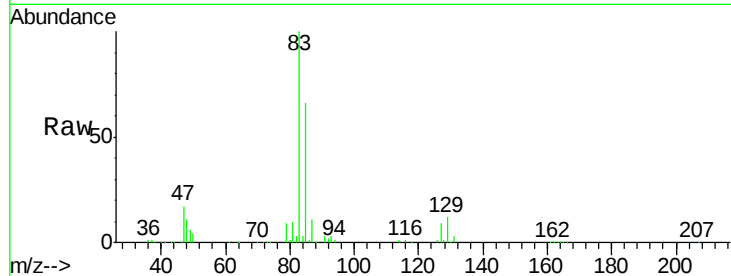
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	223604
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6
127	9.5	7.6	11.4

Manual Integrations
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5/18/2020 1:36:06 PM



#48

Methyl methacrylate

Concen: 51.790 ug/l

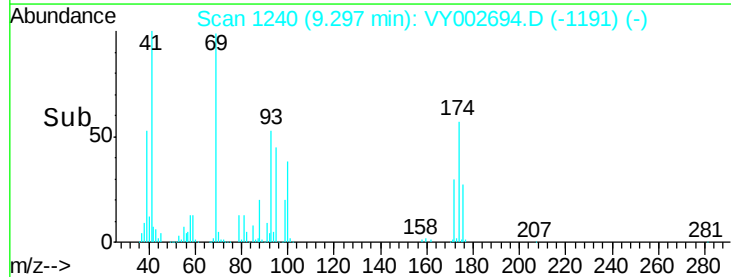
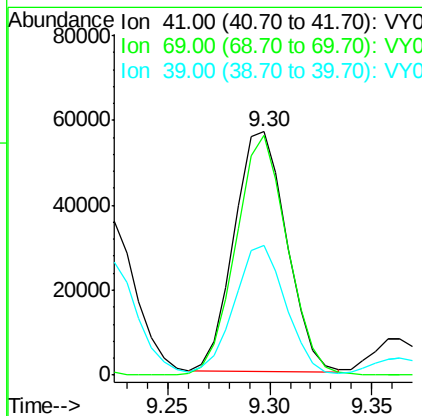
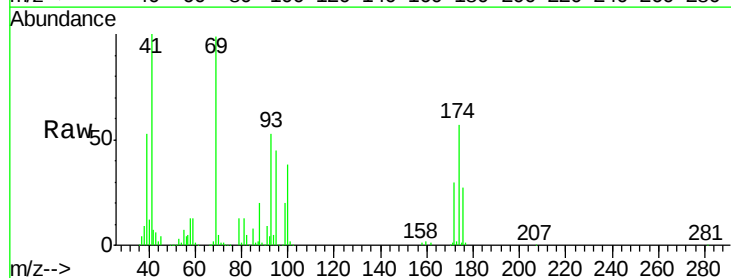
RT: 9.30 min Scan# 1240

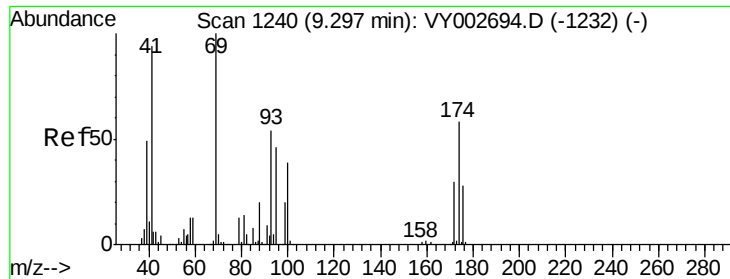
Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tgt Ion:	41	Resp:	101065
Ion	Ratio	Lower	Upper
41	100		
69	98.4	78.7	118.1
39	53.6	42.9	64.3





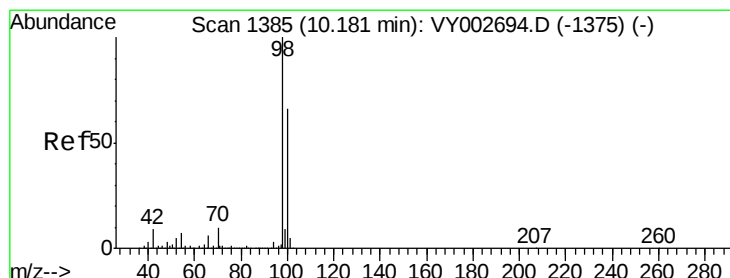
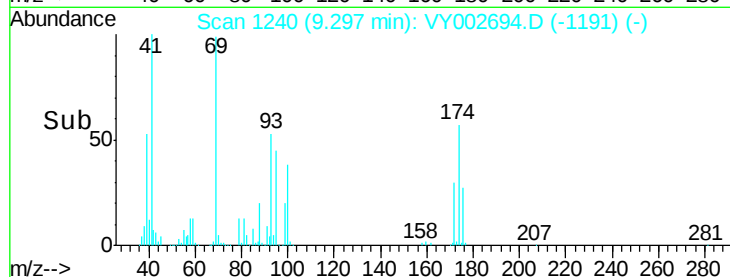
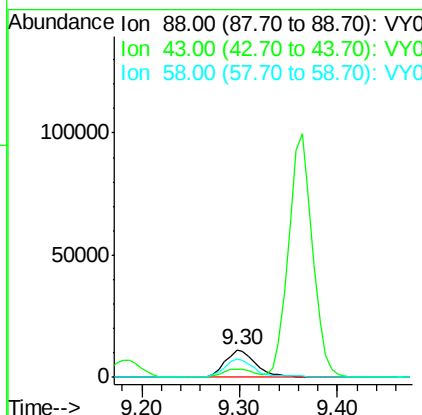
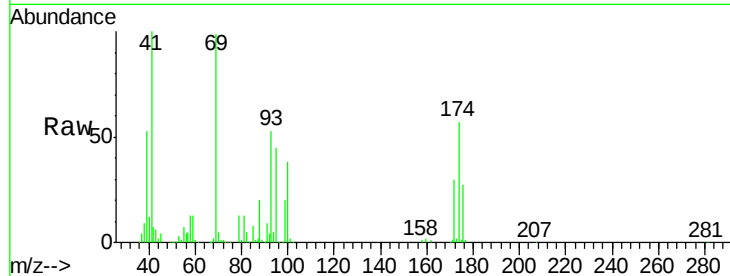
#49
1,4-Dioxane
Concen: 1040.027 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	24729
Ion Ratio	Lower	Upper	
88	100		
43	29.2	23.4	35.0
58	68.1	54.5	81.7

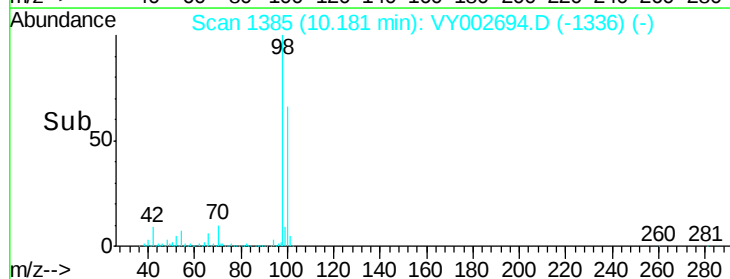
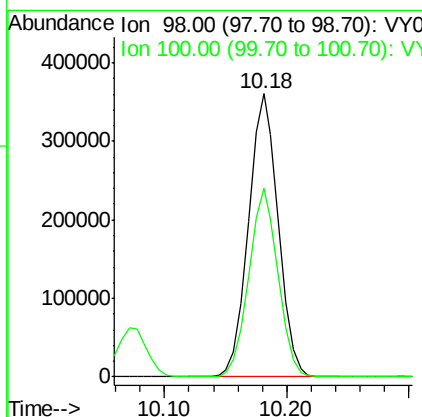
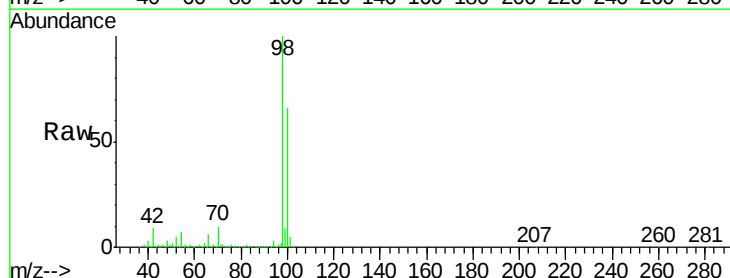
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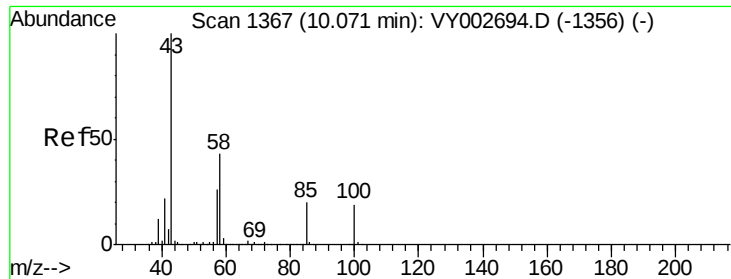
MMDadoda
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#50
Toluene-d8
Concen: 50.465 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	98	Resp	608096
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 257.207 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 570372

Ion Ratio Lower Upper

43 100

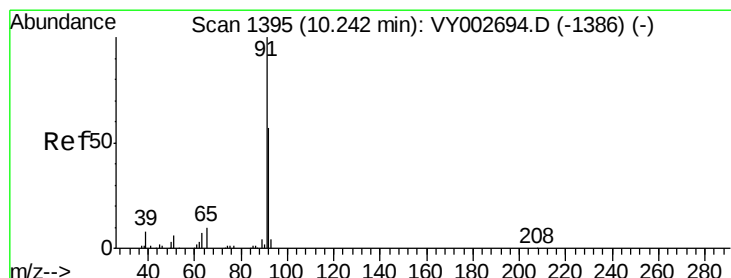
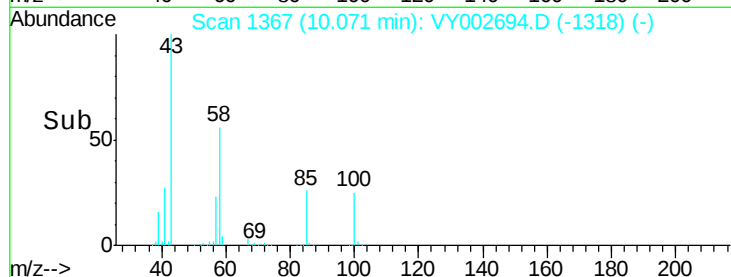
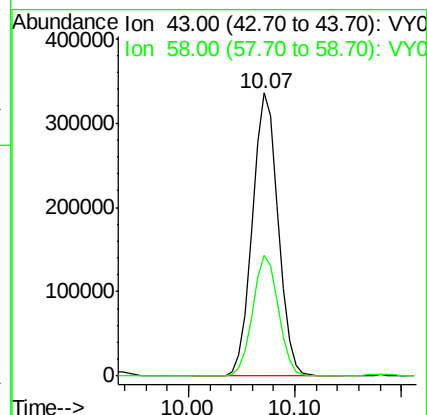
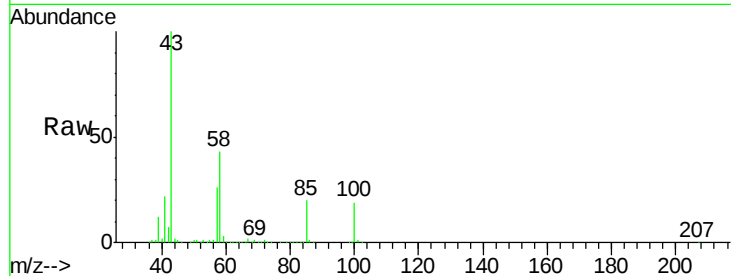
58 42.6 34.1 51.1

Manual Integrations

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#52

Toluene

Concen: 51.783 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002694.D

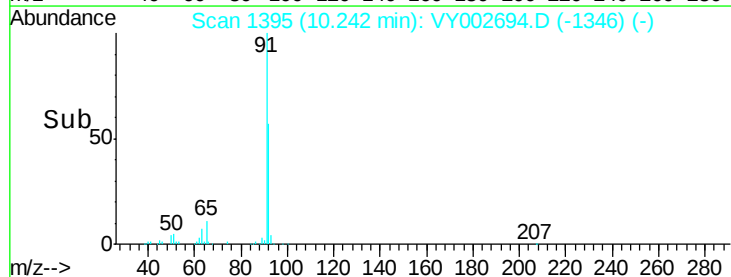
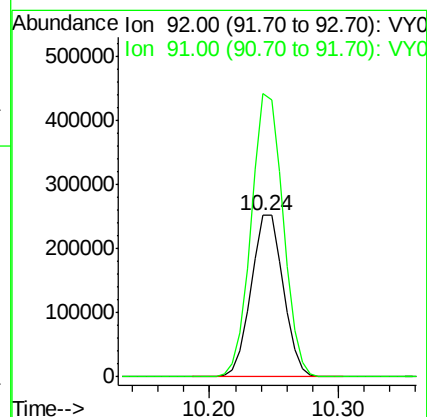
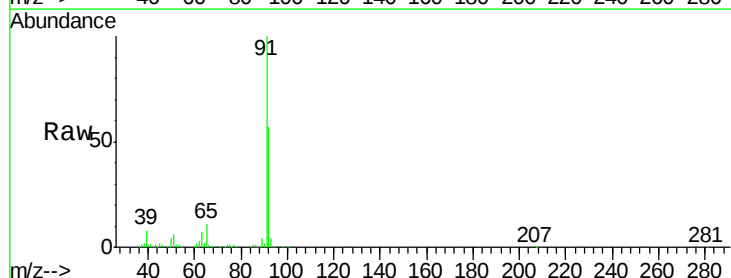
Acq: 15 May 2020 12:33

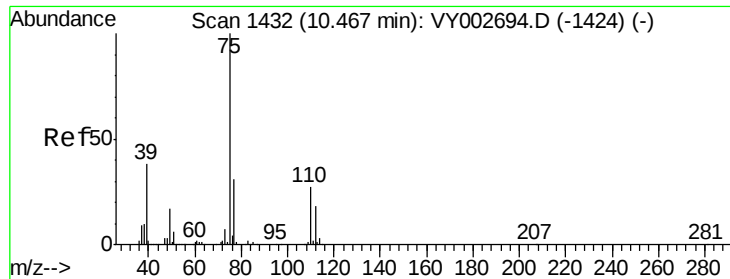
Tgt Ion: 92 Resp: 433310

Ion Ratio Lower Upper

92 100

91 173.5 138.8 208.2





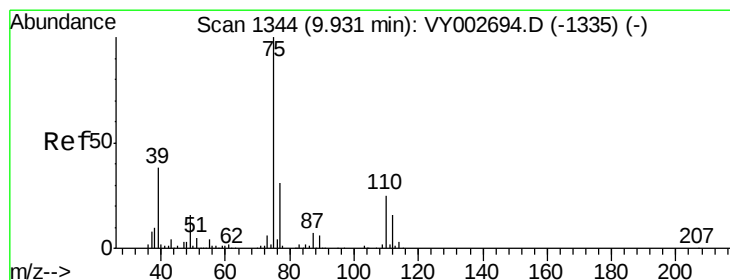
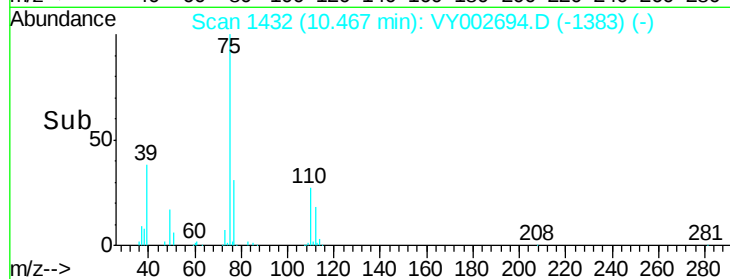
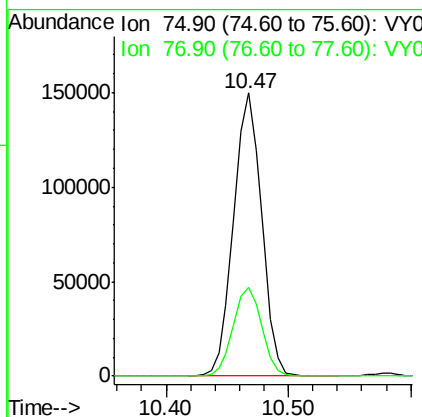
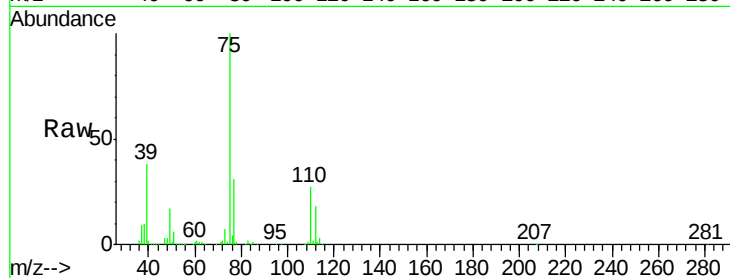
#53
t-1,3-Dichloropropene
Concen: 51.768 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

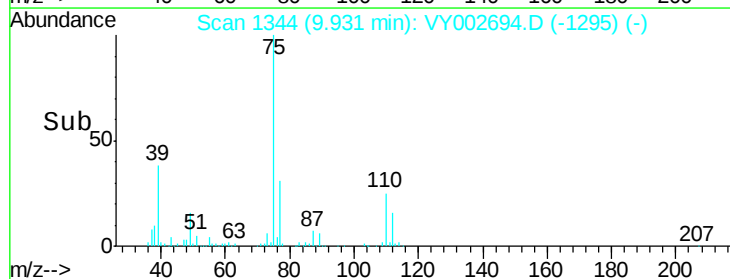
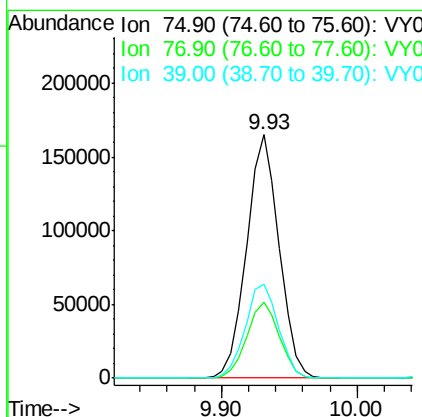
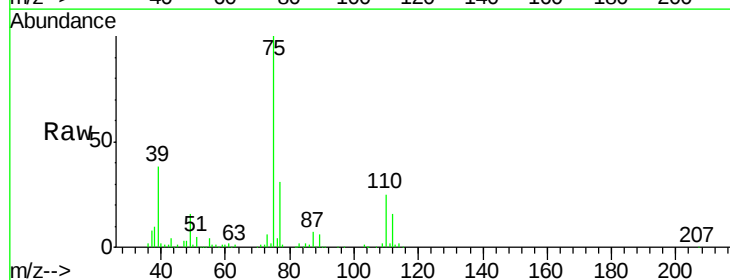
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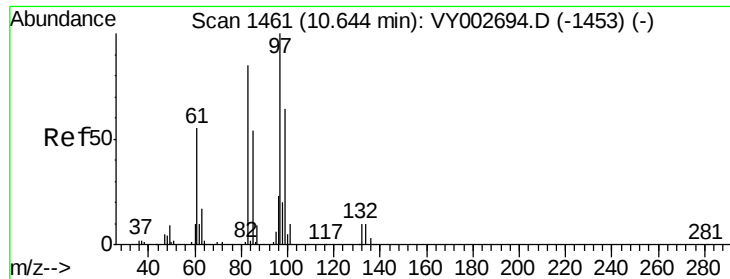
MMDadoda
5/18/2020 1:36:06 PM



#54
cis-1,3-Dichloropropene
Concen: 51.854 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	38.4	30.7	46.1





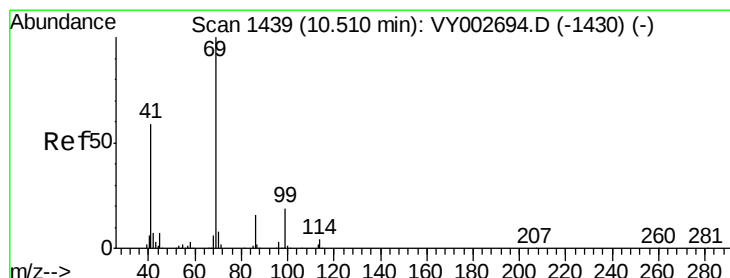
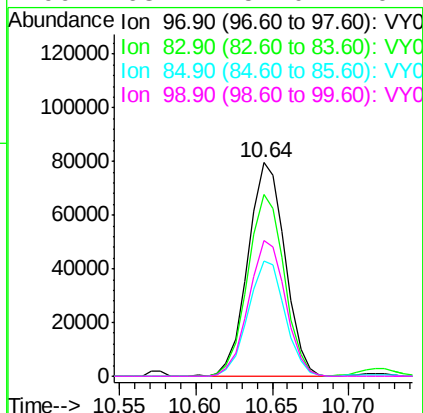
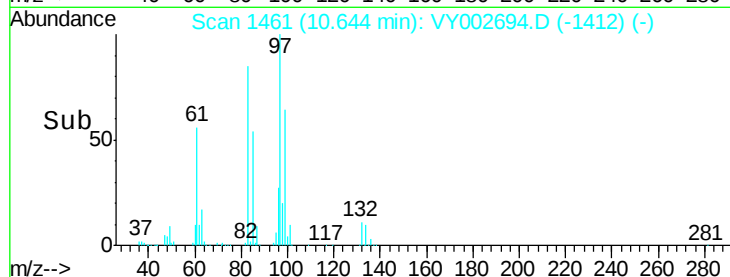
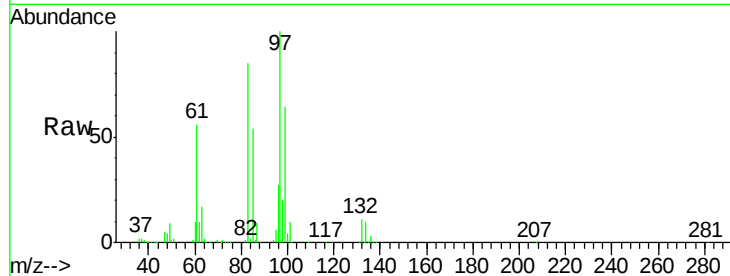
#55
 1,1,2-Trichloroethane
 Concen: 51.247 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	134539
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	53.9	43.1	64.7
99	63.7	51.0	76.4

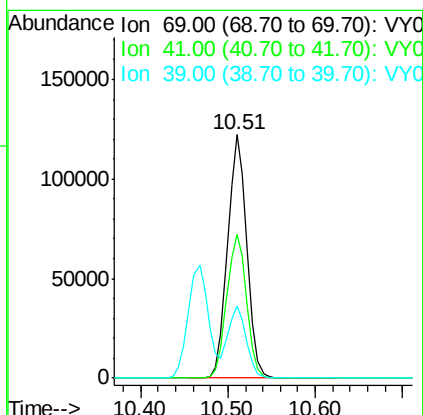
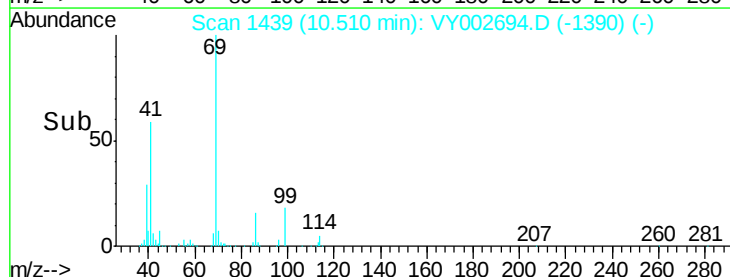
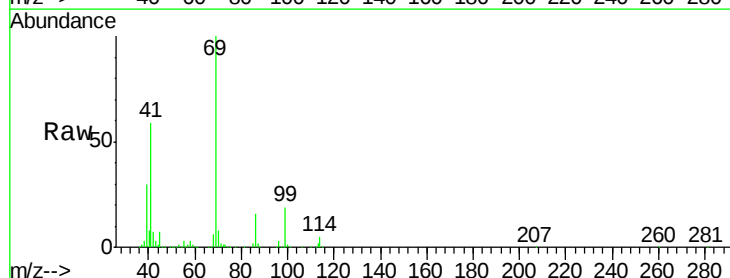
Manual Integrations
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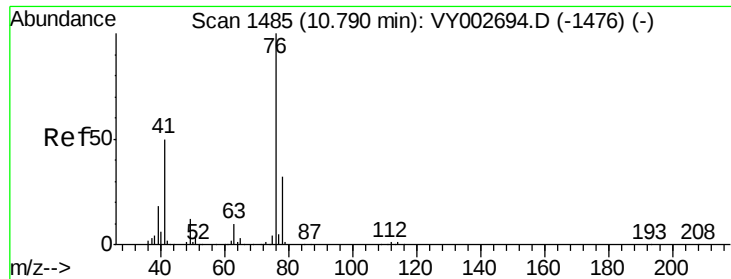
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#56
 Ethyl methacrylate
 Concen: 53.298 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Tgt Ion:	69	Resp:	186456
Ion	Ratio	Lower	Upper
69	100		
41	60.0	48.0	72.0
39	27.6	22.1	33.1





#57

1,3-Dichloropropane

Concen: 51.332 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 228392

Ion Ratio Lower Upper

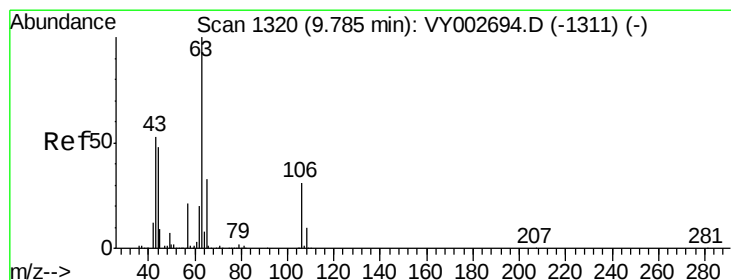
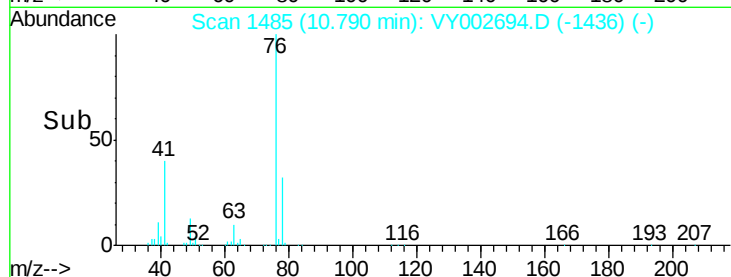
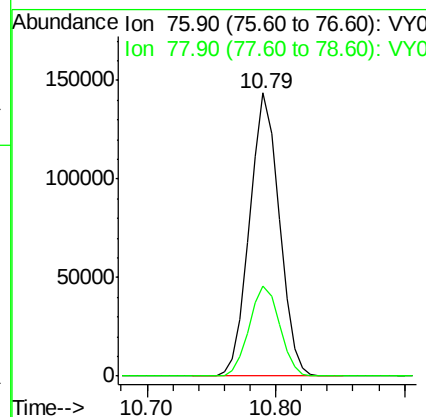
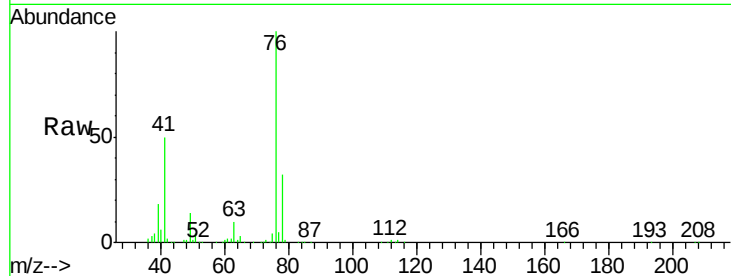
76 100

78 32.8 26.2 39.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 245.390 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002694.D

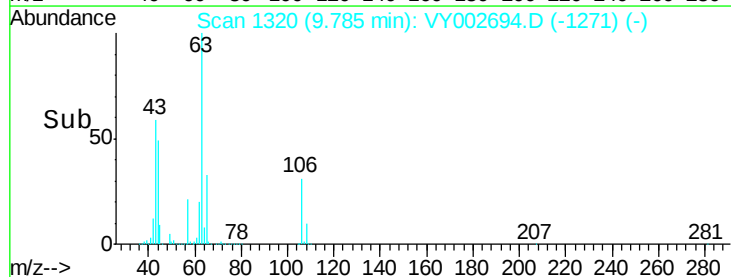
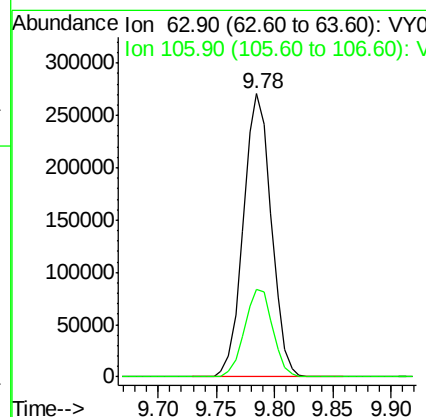
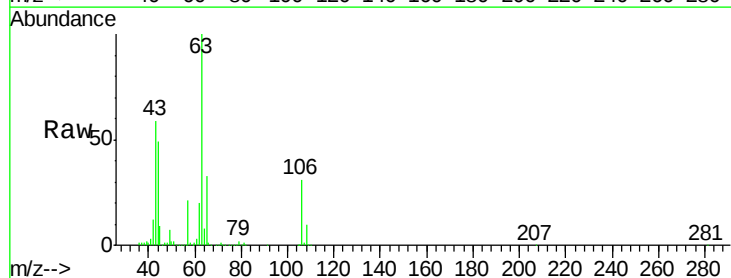
Acq: 15 May 2020 12:33

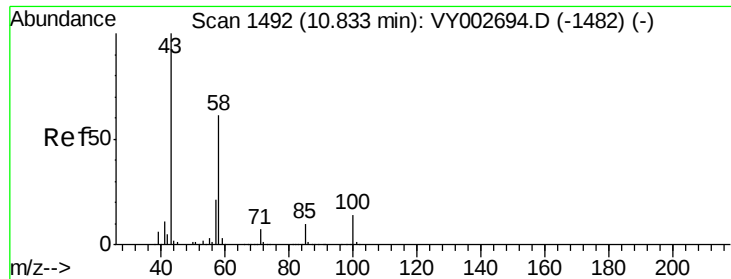
Tgt Ion: 63 Resp: 454331

Ion Ratio Lower Upper

63 100

106 31.4 25.1 37.7





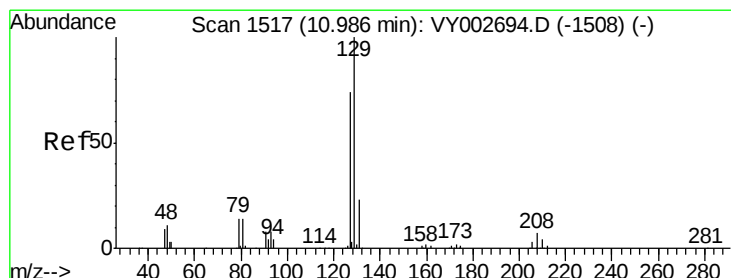
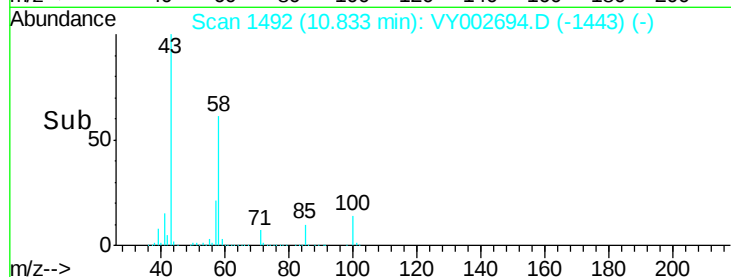
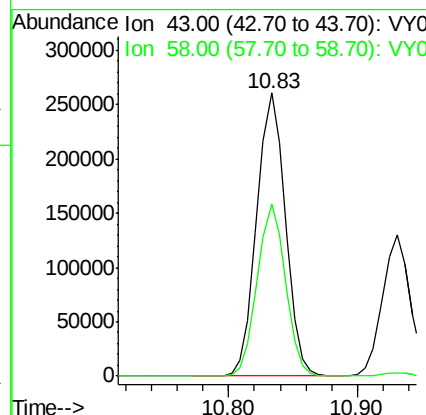
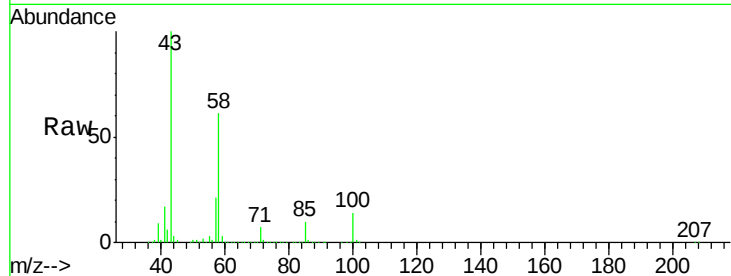
#59
2-Hexanone
Concen: 262.335 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 400589
Ion Ratio Lower Upper
43 100
58 59.6 29.8 89.4

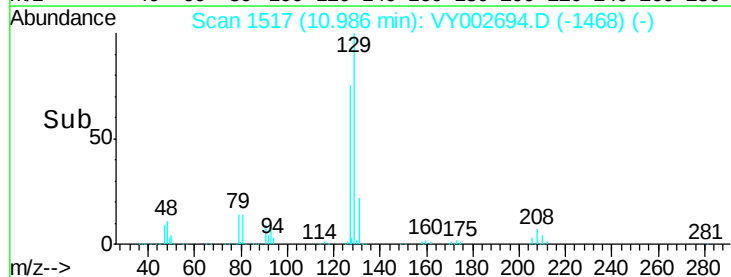
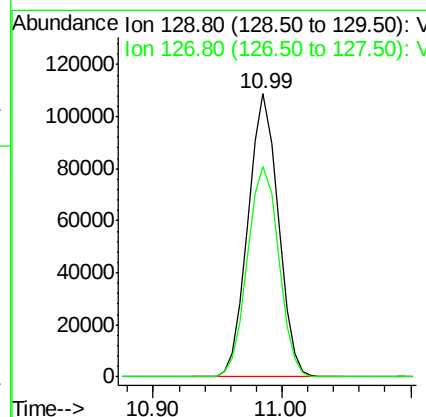
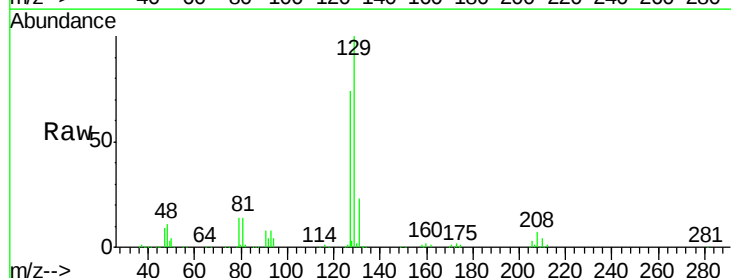
Manual Integrations
APPROVED

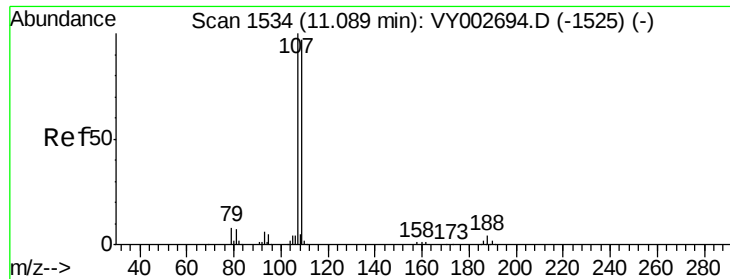
MMDadoda
5/18/2020 1:36:06 PM



#60
Dibromochloromethane
Concen: 52.536 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion: 129 Resp: 176247
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





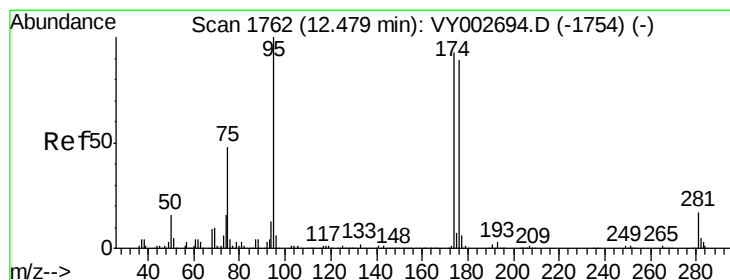
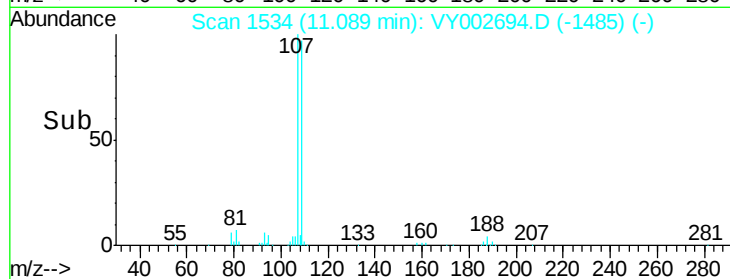
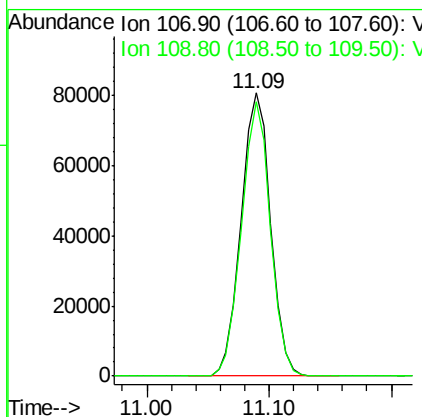
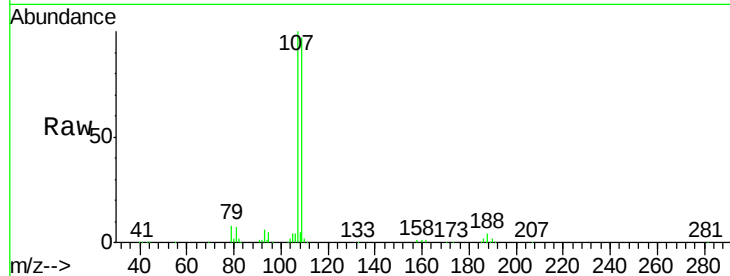
#61
 1,2-Dibromoethane
 Concen: 51.631 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.1	114.1

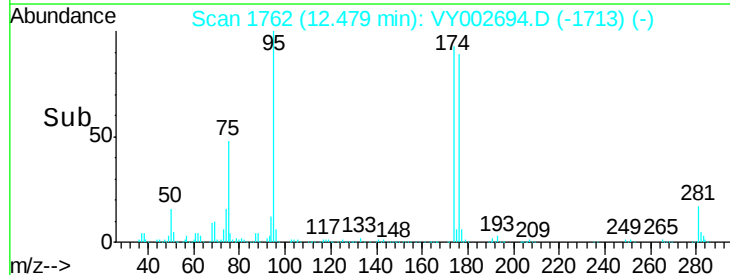
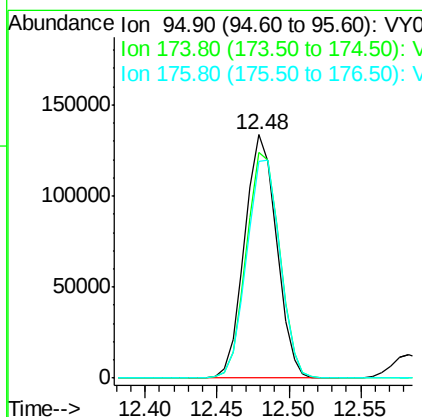
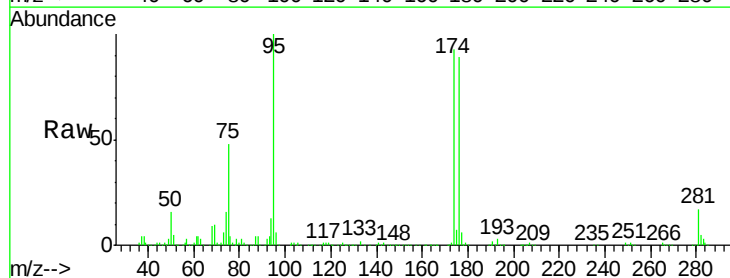
Manual Integrations
 APPROVED

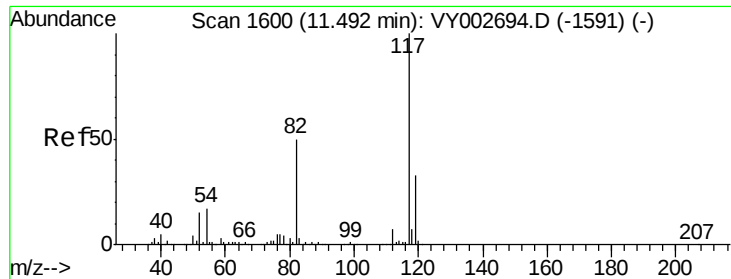
MMDadoda
 5/18/2020 1:36:06 PM



#62
 4-Bromofluorobenzene
 Concen: 50.208 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	191.4
176	93.0	0.0	186.0





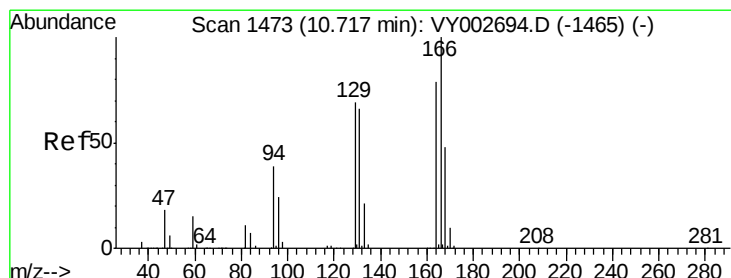
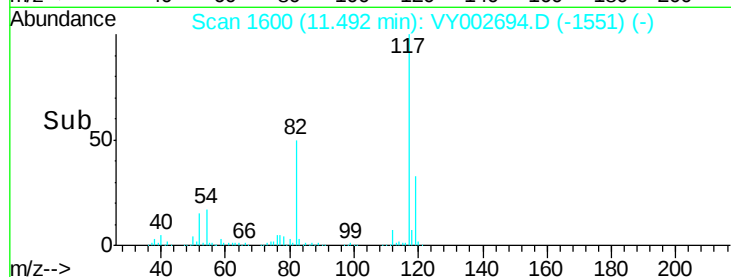
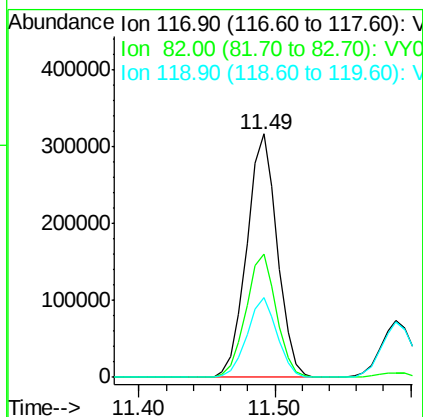
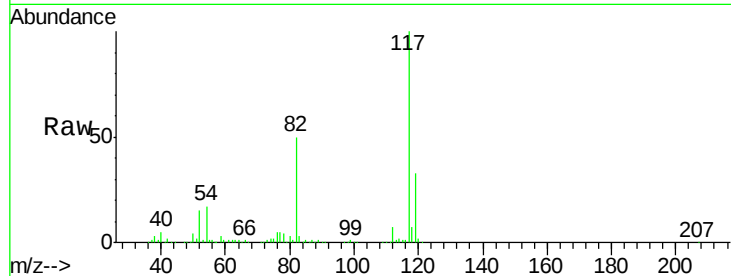
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	495920		
82	50.4	40.3	60.5	
119	32.8	26.2	39.4	

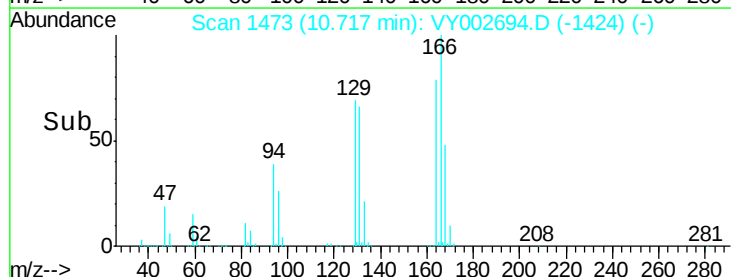
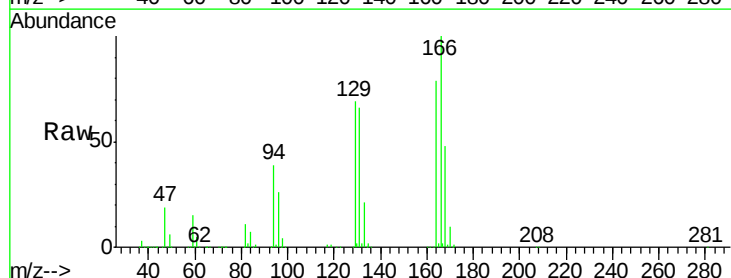
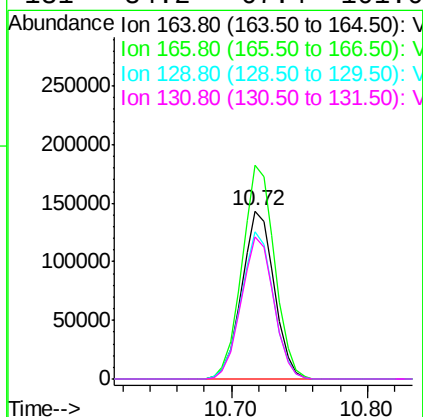
Manual Integrations
APPROVED

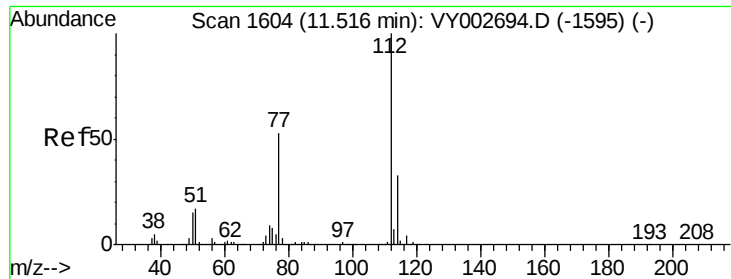
MMDadoda
5/18/2020 1:36:06 PM



#64
Tetrachloroethene
Concen: 53.686 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	237971		
166	127.0	101.6	152.4	
129	87.8	70.2	105.4	
131	84.2	67.4	101.0	





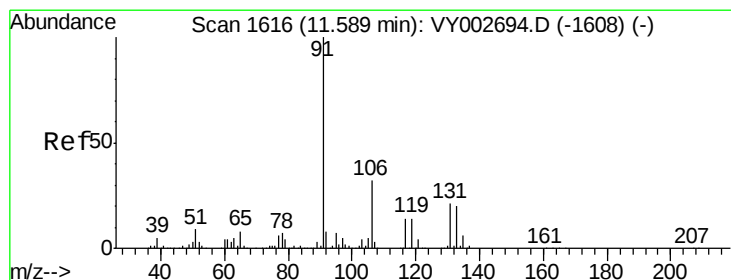
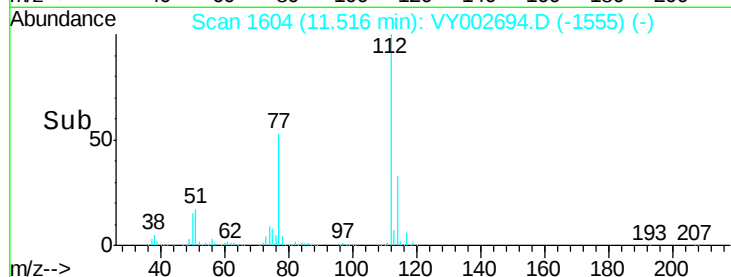
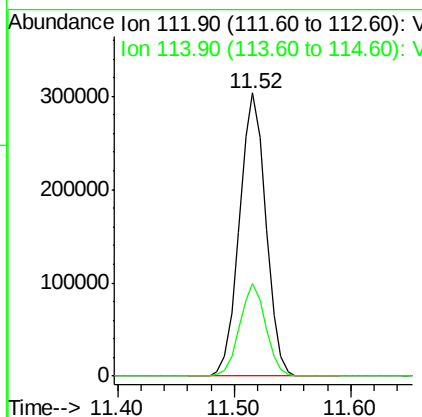
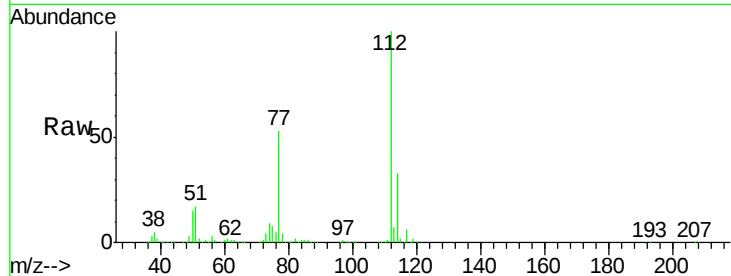
#65
Chlorobenzene
Concen: 51.076 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.1	39.1

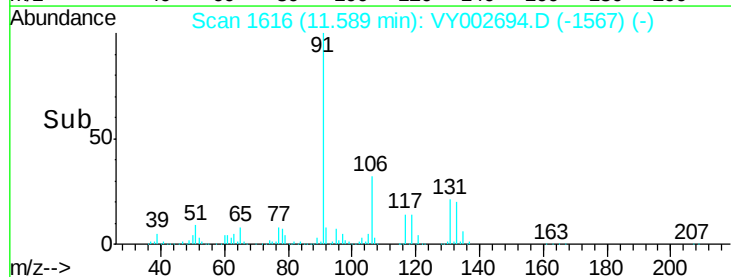
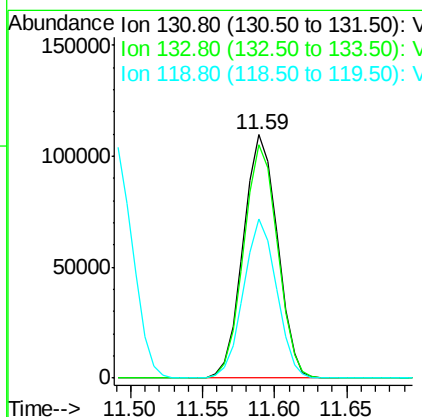
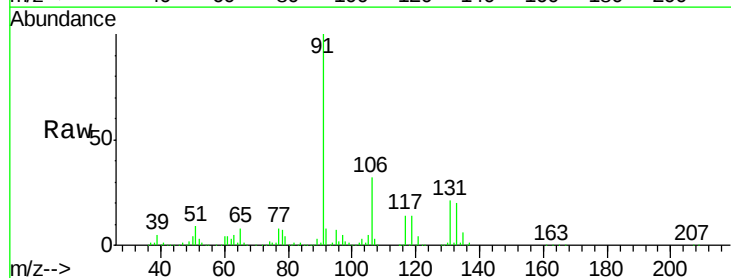
Manual Integrations
APPROVED

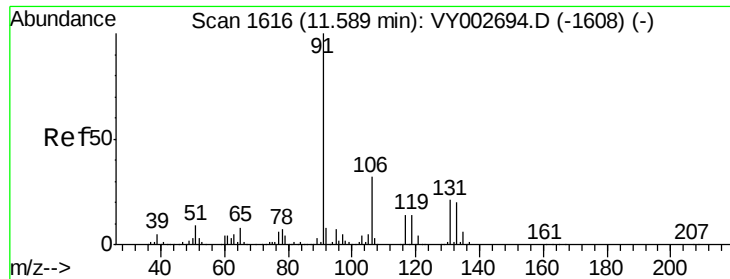
MMDadoda
5/18/2020 1:36:06 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.704 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.4	142.3
119	63.2	31.6	94.8





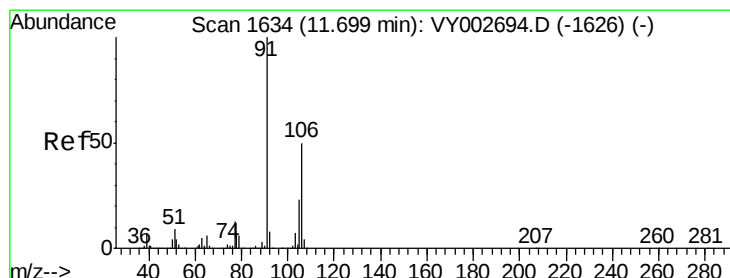
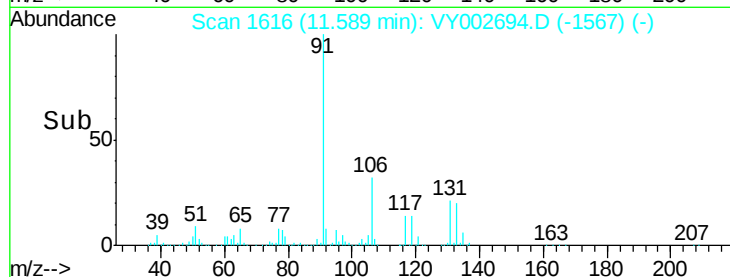
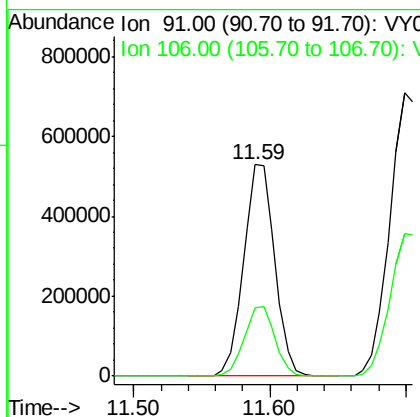
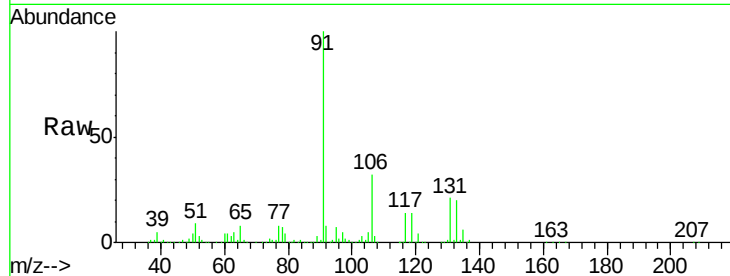
#67
Ethyl Benzene
Concen: 51.185 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 843869
Ion Ratio Lower Upper
91 100
106 32.5 26.0 39.0

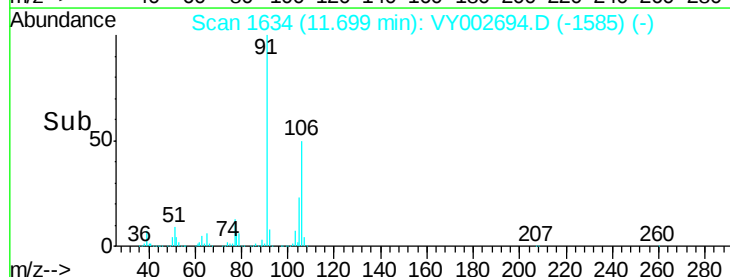
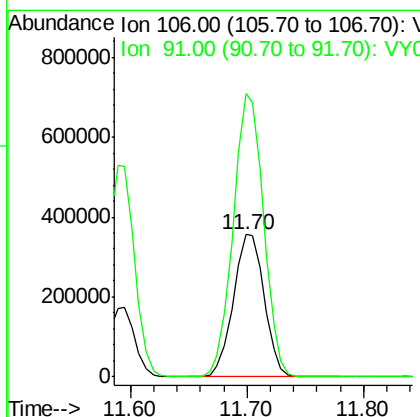
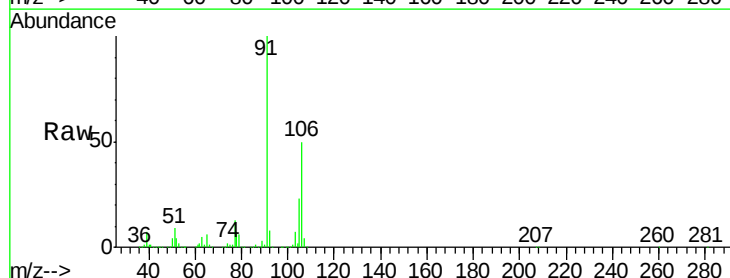
Manual Integrations
APPROVED

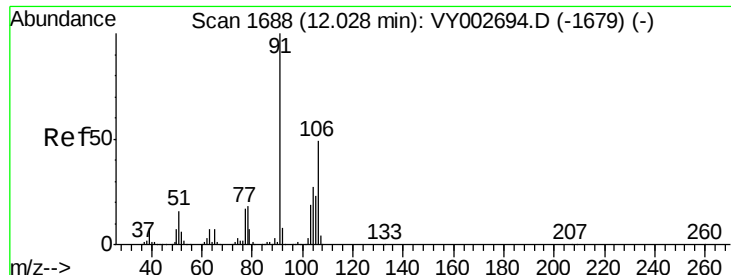
MMDadoda
5/18/2020 1:36:06 PM



#68
m/p-Xylenes
Concen: 102.909 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion: 106 Resp: 657556
Ion Ratio Lower Upper
106 100
91 195.3 156.2 234.4





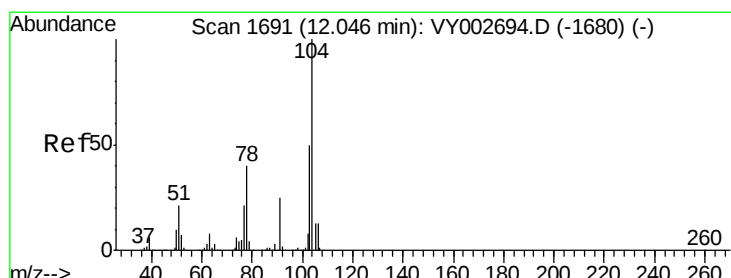
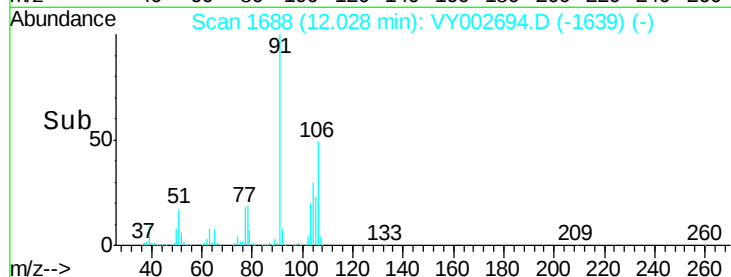
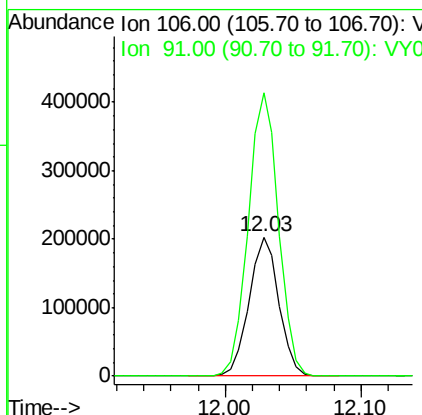
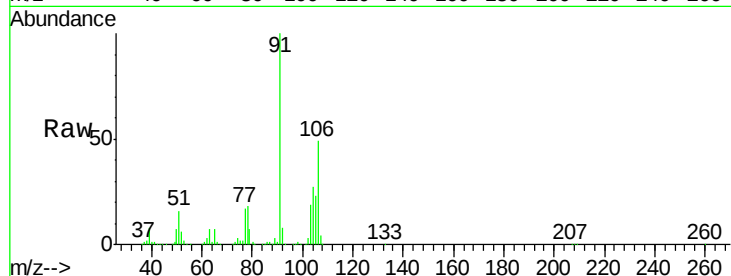
#69
o-Xylene
Concen: 51.755 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
310435	106	100		
	91	206.9	103.5	310.3

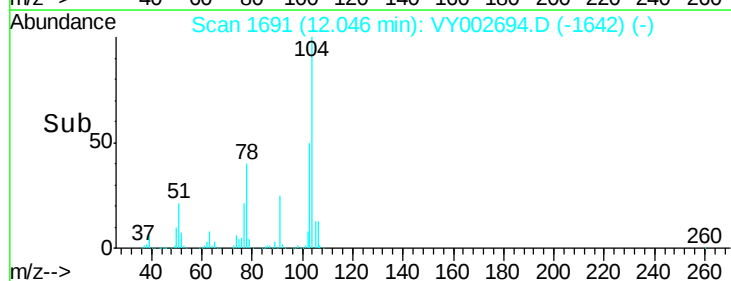
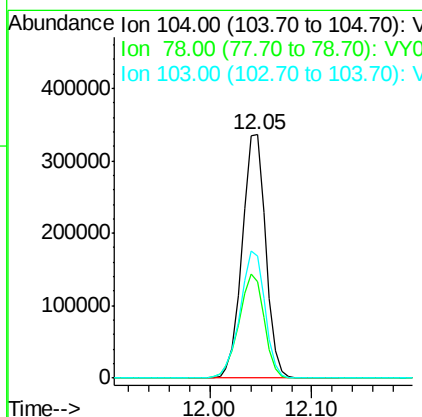
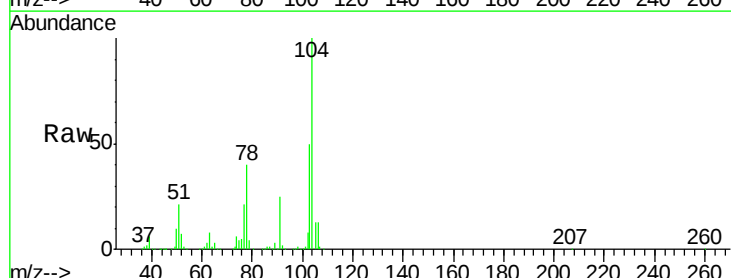
Manual Integrations
APPROVED

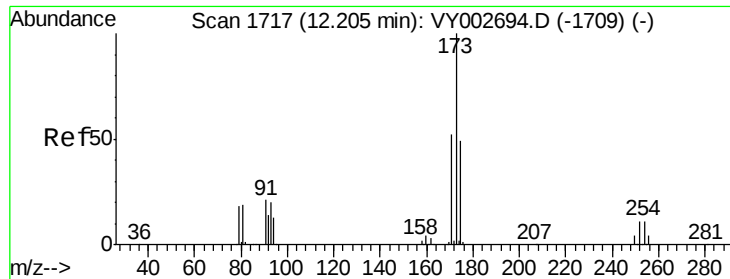
MMDadoda
5/18/2020 1:36:06 PM



#70
Styrene
Concen: 52.370 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ion	Ratio	Lower	Upper
536364	104	100		
	78	45.7	36.6	54.8
	103	55.1	44.1	66.1





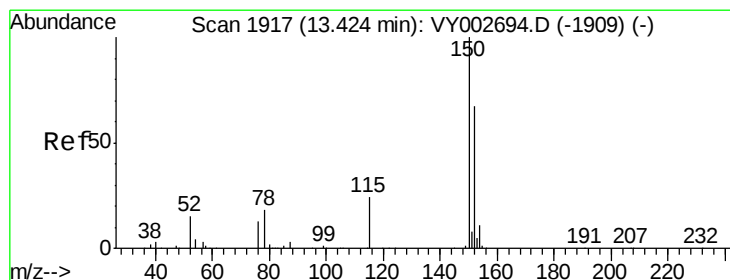
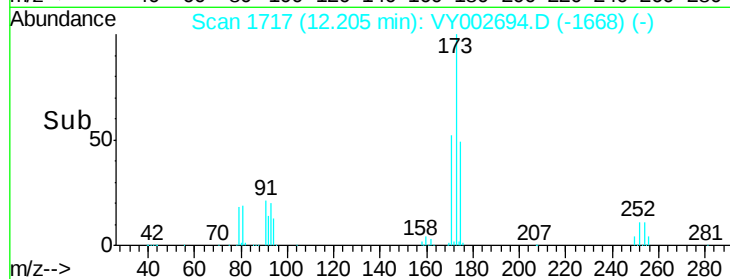
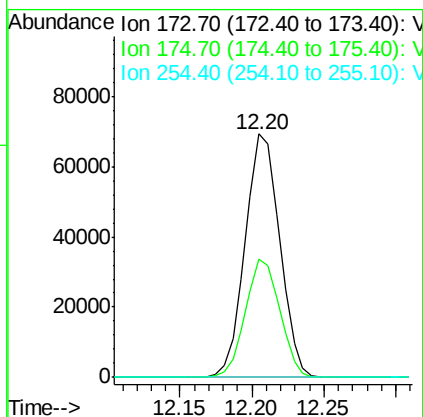
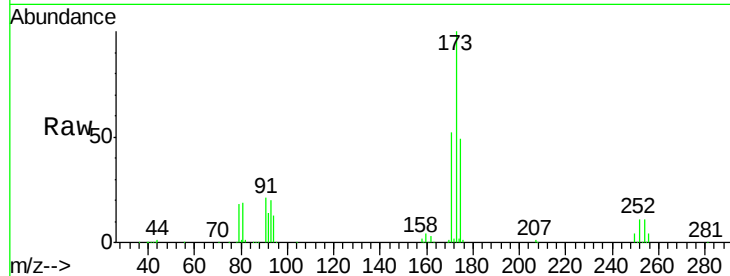
#71
Bromoform
Concen: 53.054 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.1	0.1	0.1

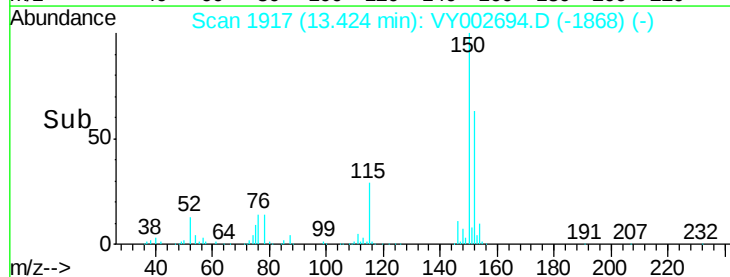
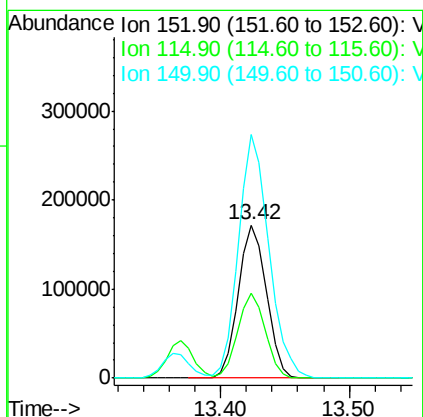
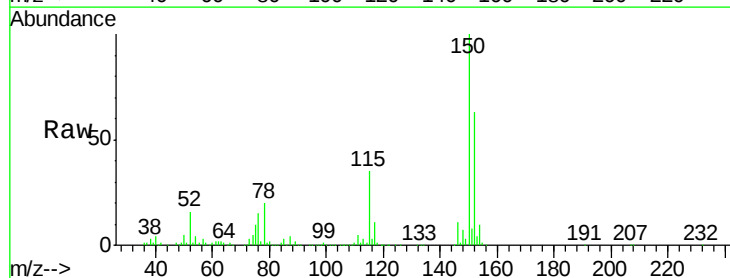
Manual Integrations
APPROVED

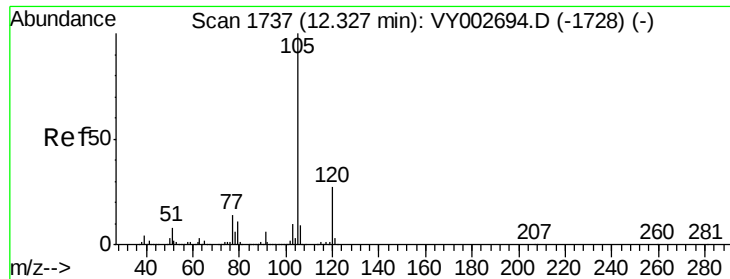
MMDadoda
5/18/2020 1:36:06 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.2	81.6
150	171.9	0.0	343.8





#73

Isopropylbenzene

Concen: 50.500 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 847270

Ion Ratio Lower Upper

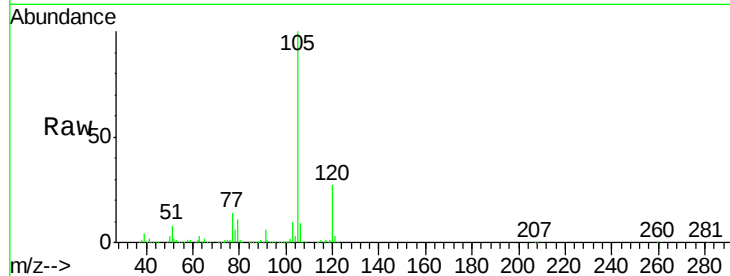
105 100

120 27.4 13.7 41.1

Manual Integrations
APPROVED

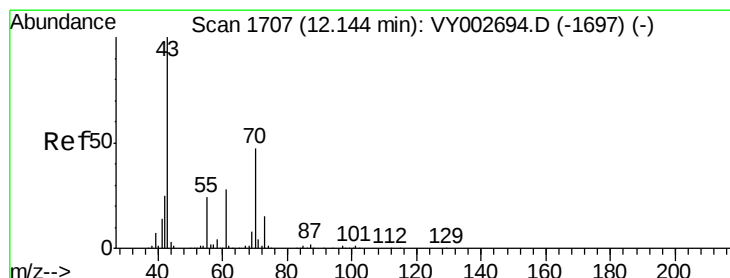
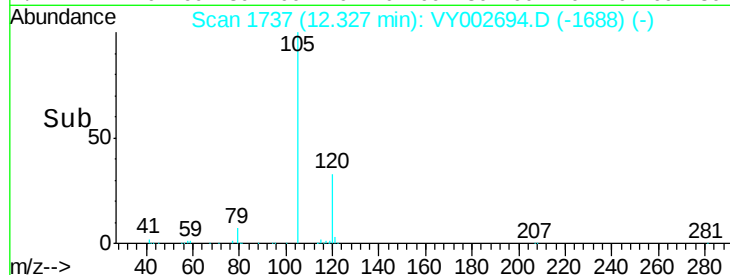
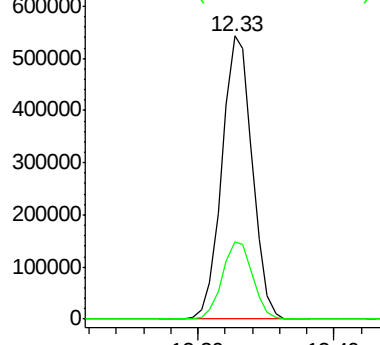
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.908 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tgt Ion: 43 Resp: 208321

Ion Ratio Lower Upper

43 100

70 47.1 37.7 56.5

55 24.2 19.4 29.0

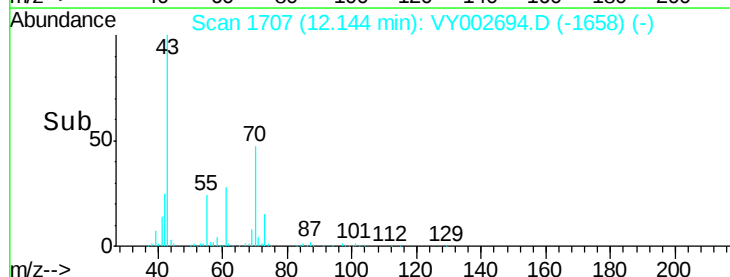
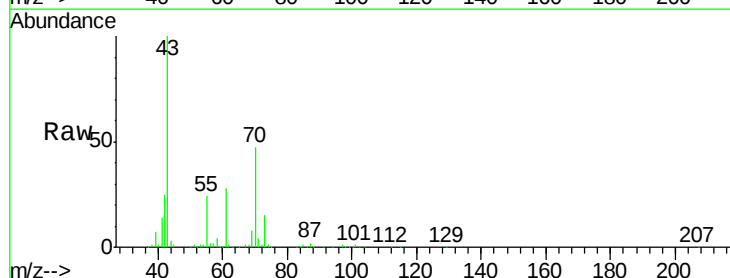
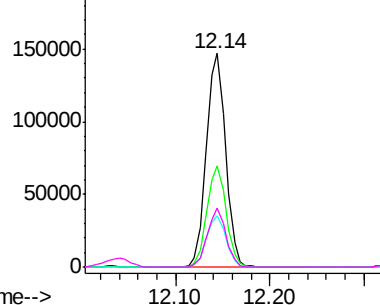
61 26.6 21.3 31.9

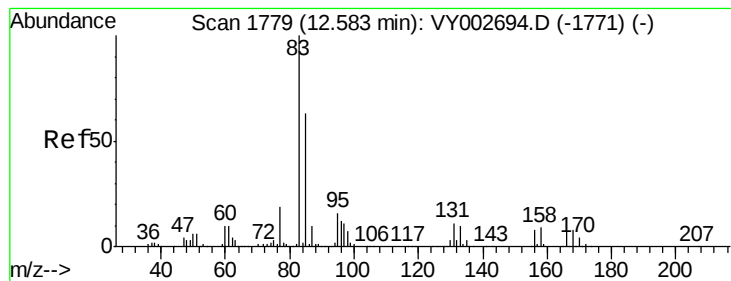
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.272 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

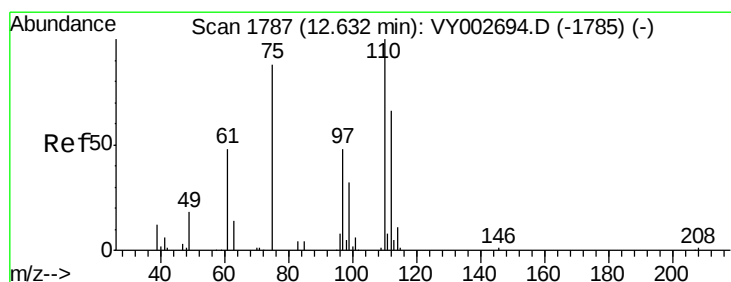
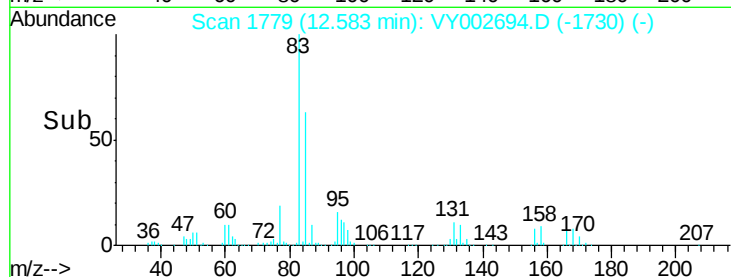
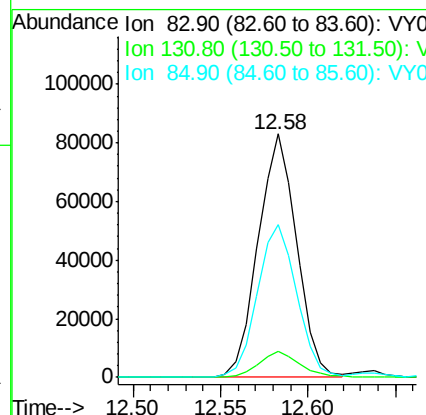
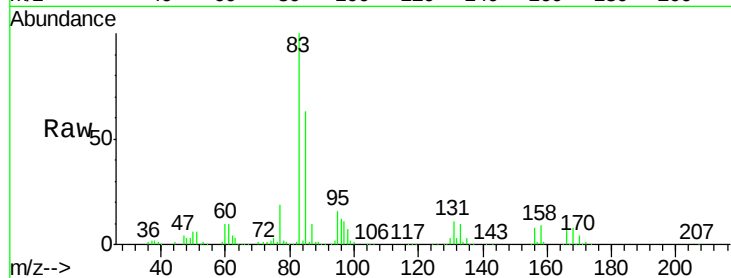
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	127050
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.3
85	63.9	31.9	95.9

Manual Integrations
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MMDadoda
5/18/2020 1:36:06 PM



#76

1,2,3-Trichloropropane

Concen: 49.161 ug/l m

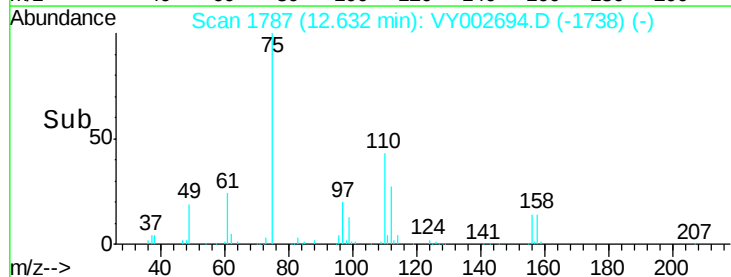
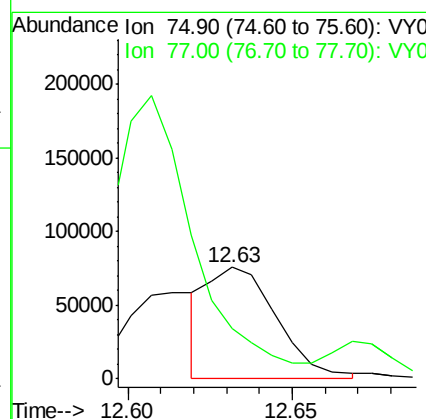
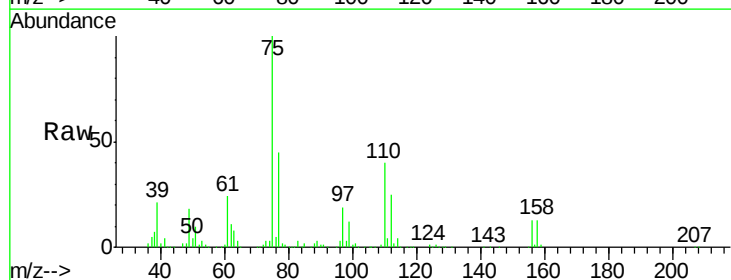
RT: 12.63 min Scan# 1787

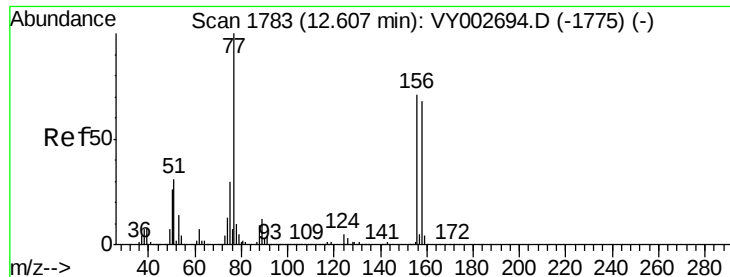
Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tgt Ion:	75	Resp:	110945
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





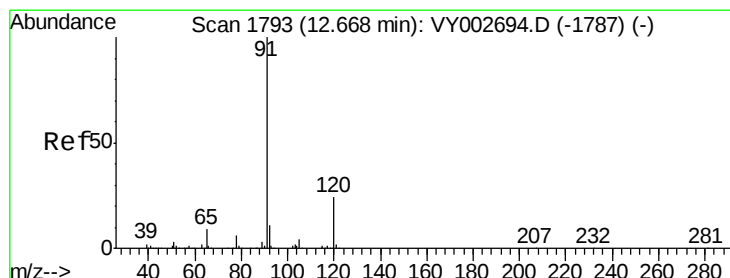
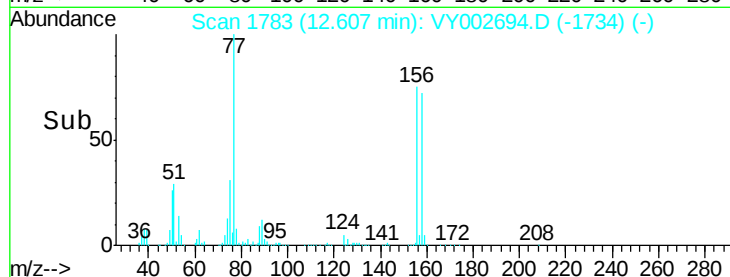
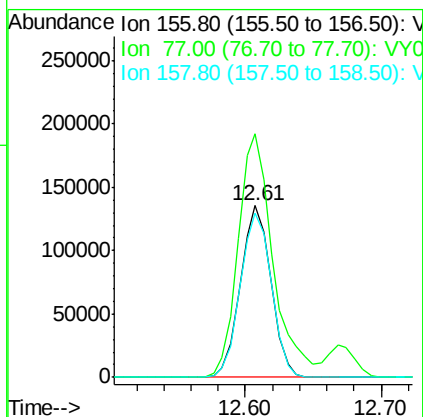
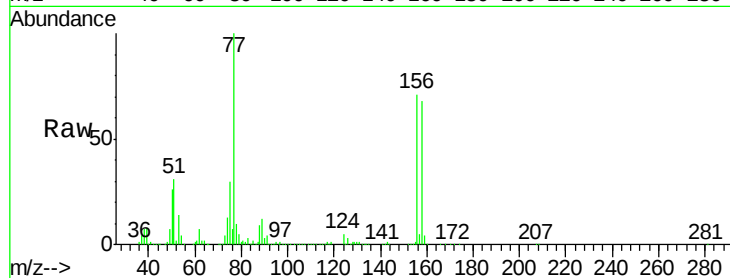
#77
Bromobenzene
Concen: 50.574 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	161.5	80.8	242.3
158	98.0	49.0	147.0

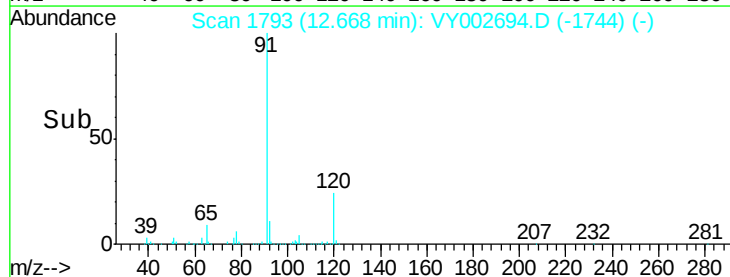
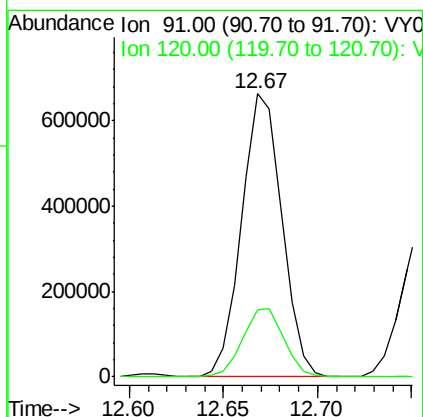
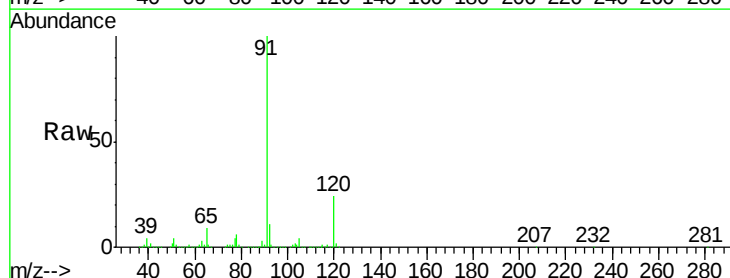
Manual Integrations
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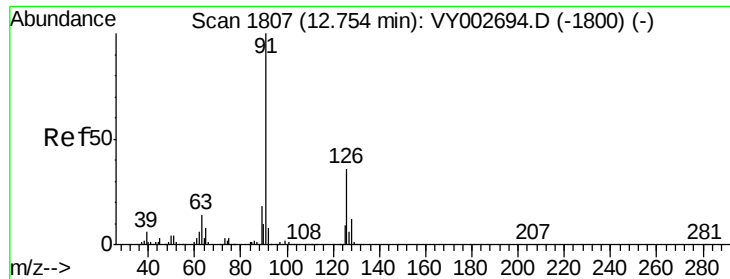
MMDadoda
5/18/2020 1:36:06 PM



#78
n-propylbenzene
Concen: 50.594 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.3	36.8





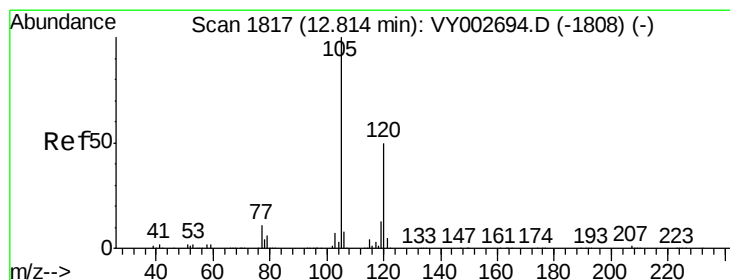
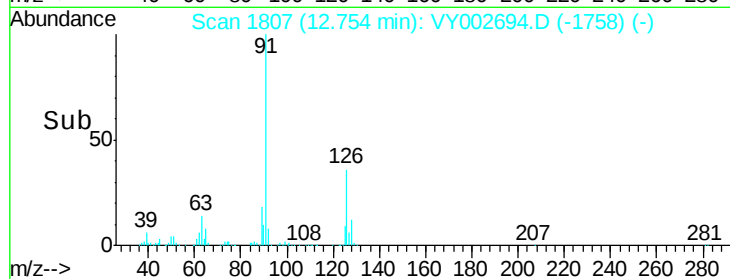
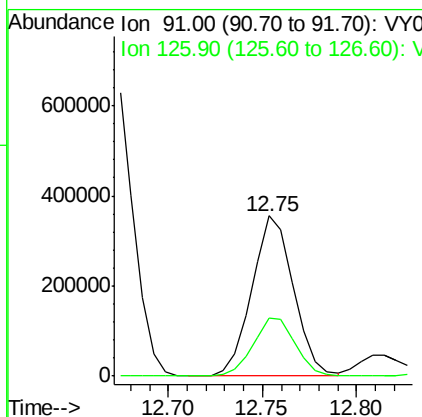
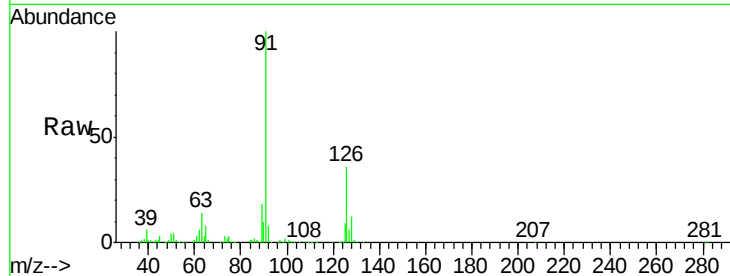
#79
2-Chlorotoluene
Concen: 50.364 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.4	55.0

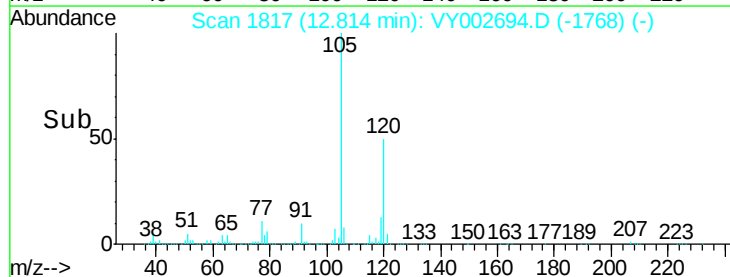
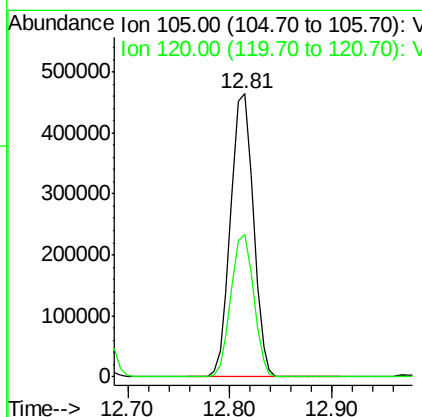
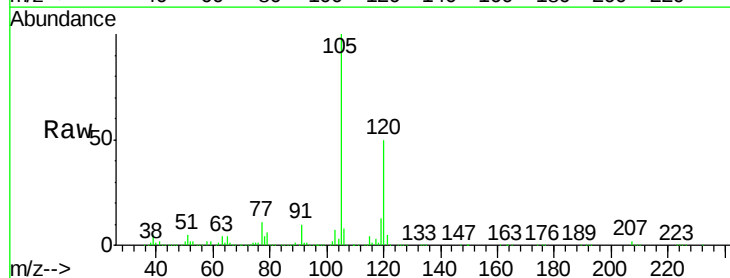
Manual Integrations
APPROVED

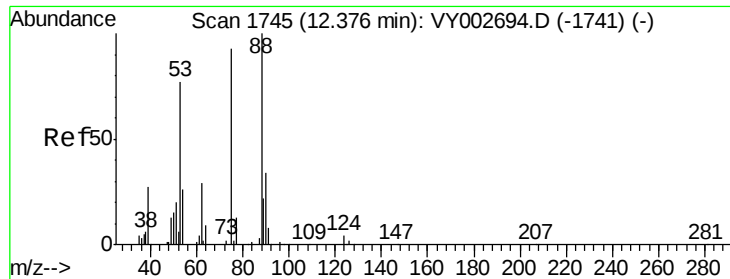
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 51.285 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.3	25.1	75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 50.325 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

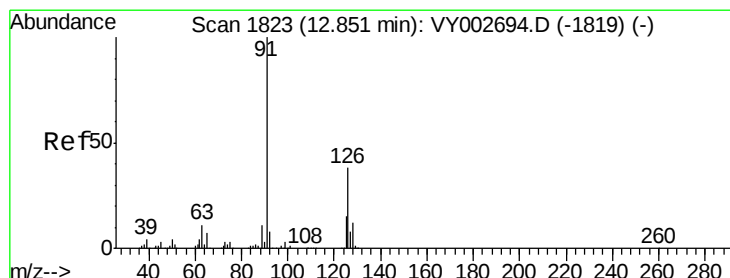
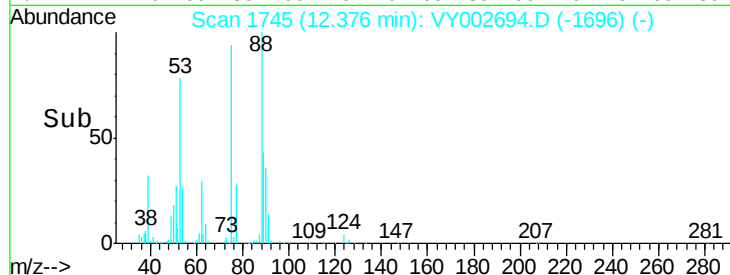
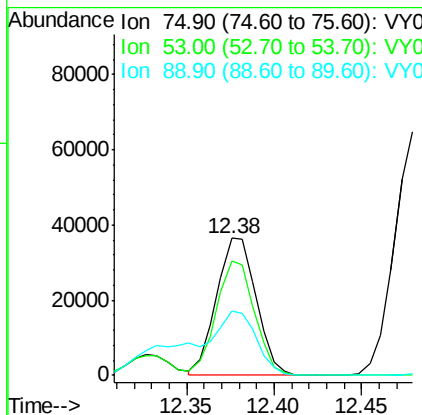
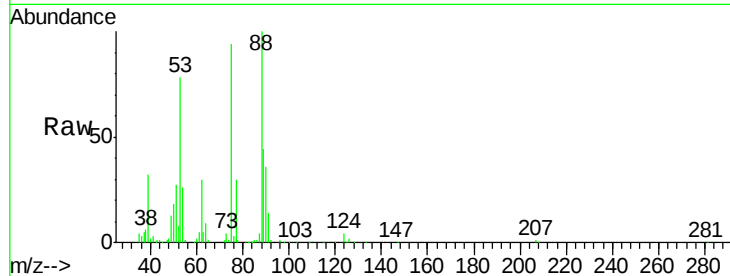
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	57354
Ion	Ratio	Lower	Upper
75	100		
53	81.3	65.0	97.6
89	83.2	66.6	99.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.010 ug/l

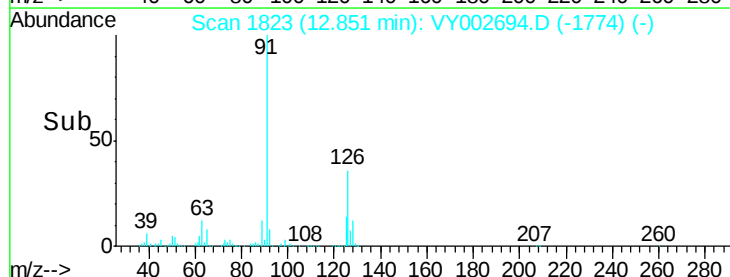
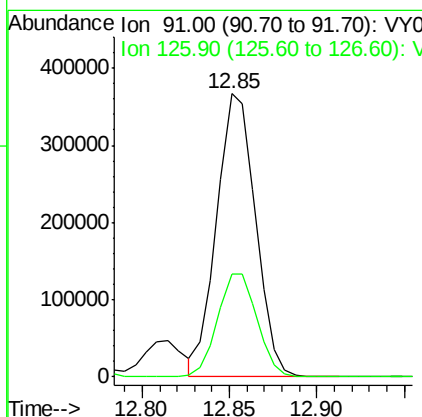
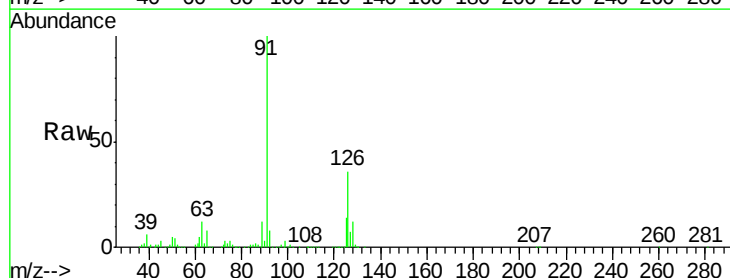
RT: 12.85 min Scan# 1823

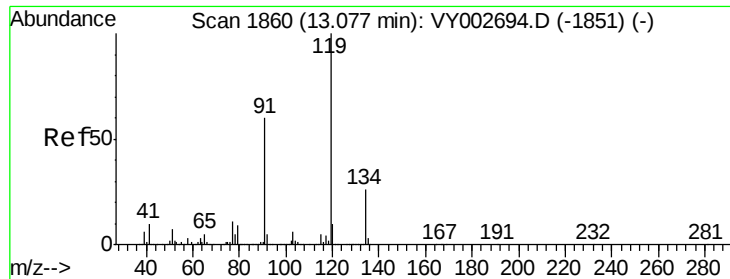
Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tgt Ion:	91	Resp:	565959
Ion	Ratio	Lower	Upper
91	100		
126	37.3	18.6	56.0





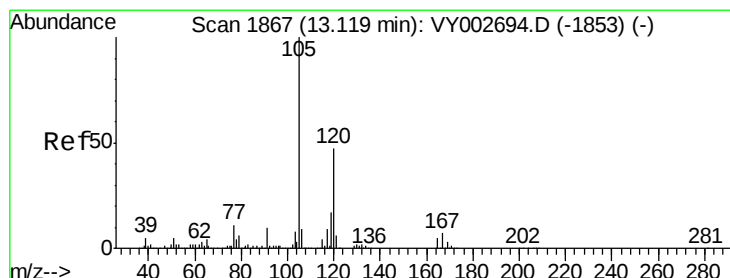
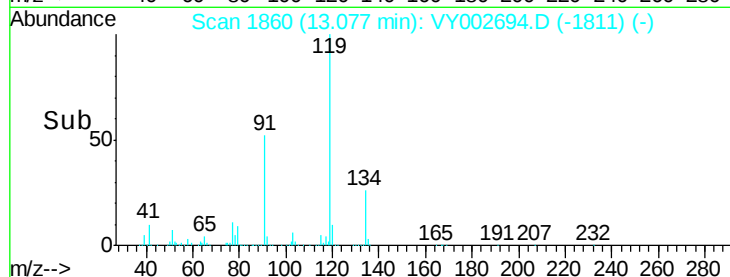
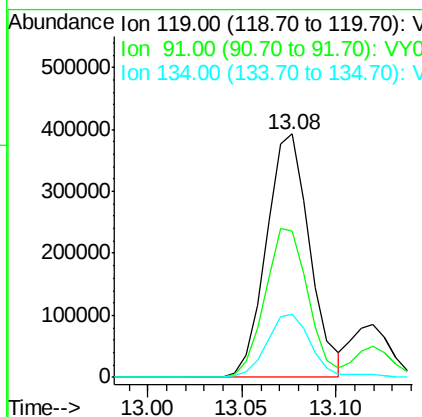
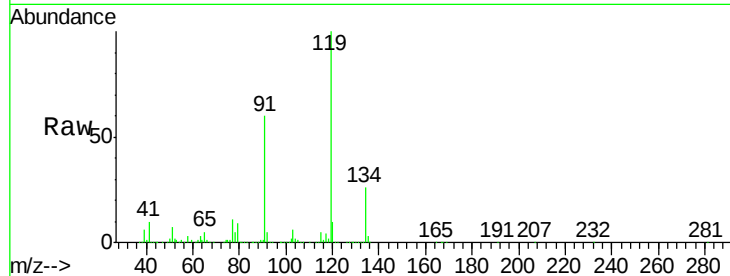
#83
tert-Butylbenzene
Concen: 51.299 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	625947		
91	60.8	30.4	91.2	
134	26.8	13.4	40.2	

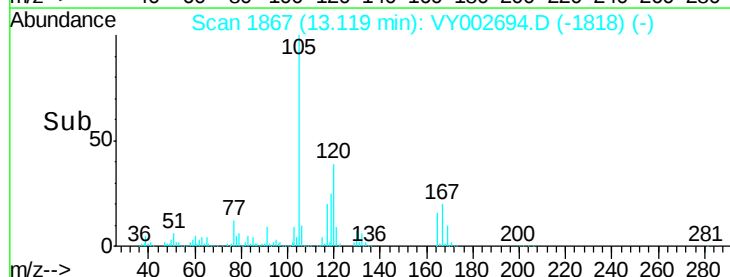
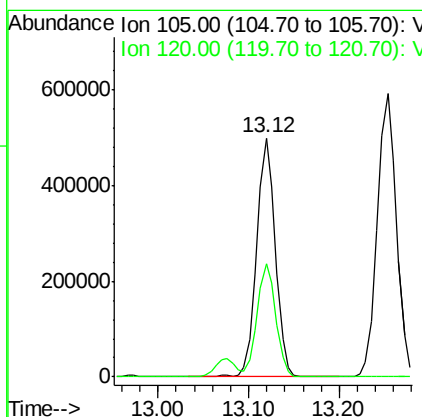
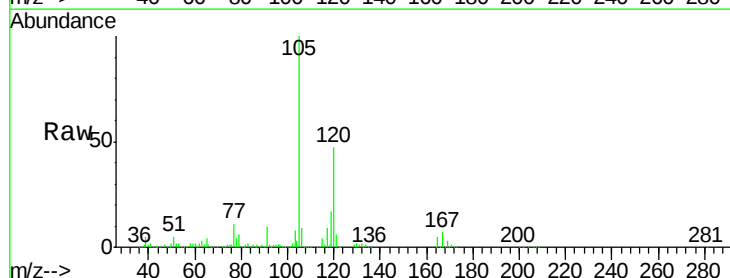
Manual Integrations
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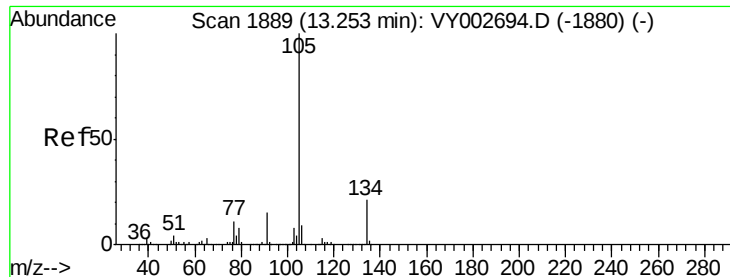
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.234 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	711424		
120	47.0	23.5	70.5	





#85

sec-Butylbenzene

Concen: 50.983 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 863384

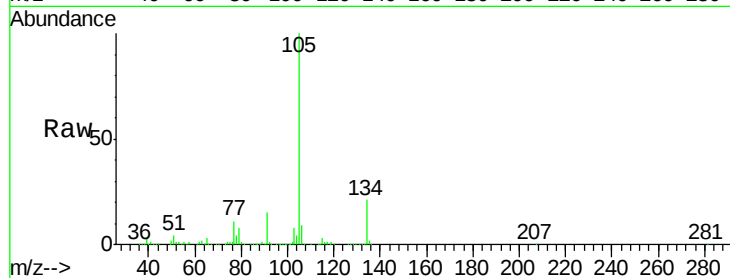
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3

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

Ion 134.00 (133.70 to 134.70): V

13.25

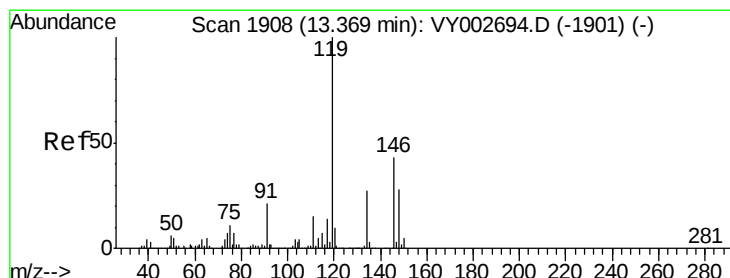
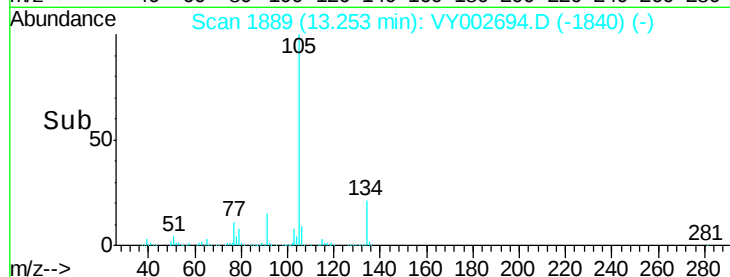
600000

400000

200000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 51.344 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

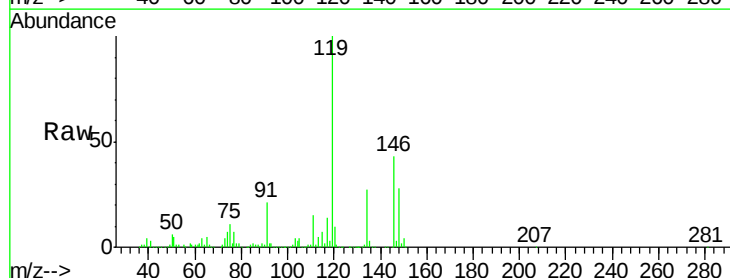
Tgt Ion:119 Resp: 814805

Ion Ratio Lower Upper

119 100

134 27.0 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

13.37

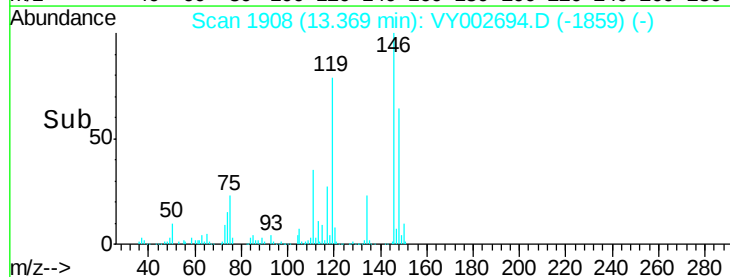
600000

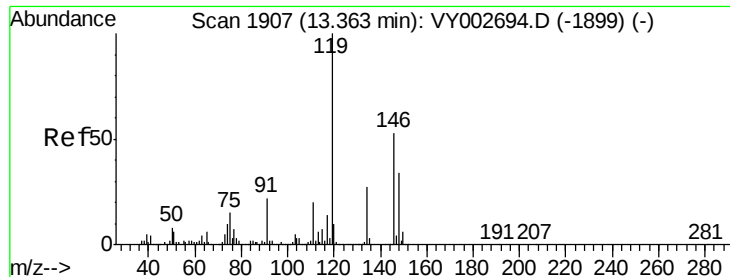
400000

200000

0

Time--> 13.30 13.35 13.40





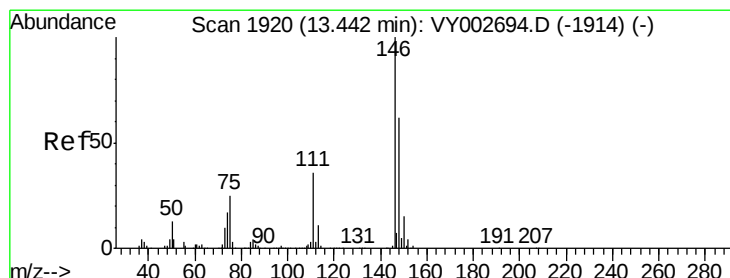
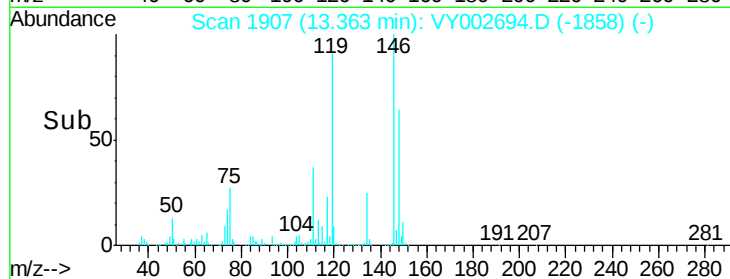
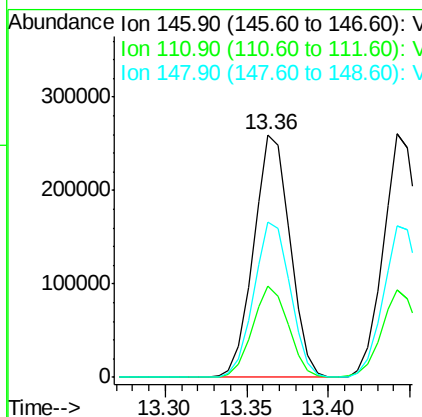
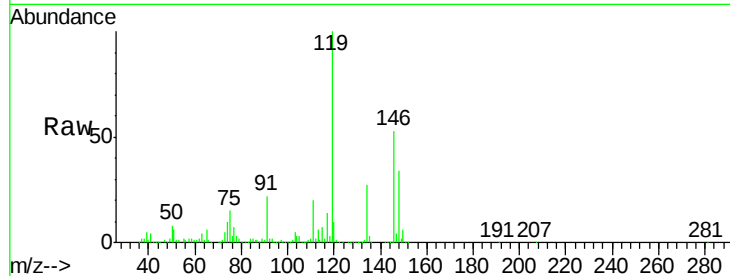
#87
 1,3-Dichlorobenzene
 Concen: 50.595 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.5	55.5
148	64.3	32.1	96.5

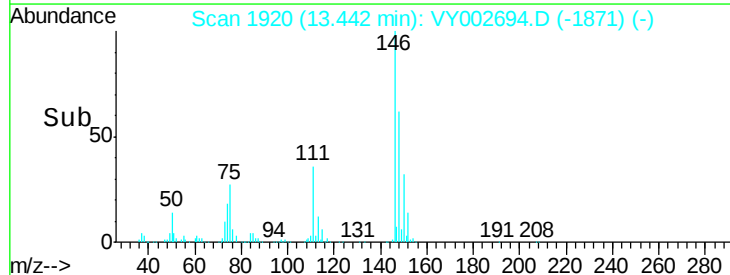
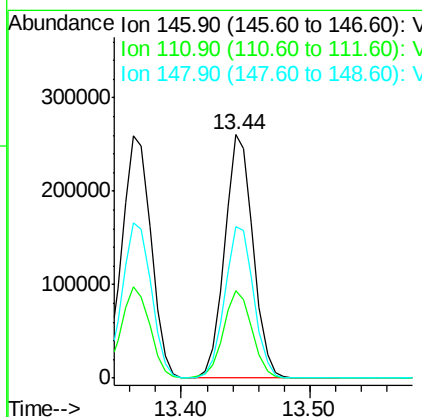
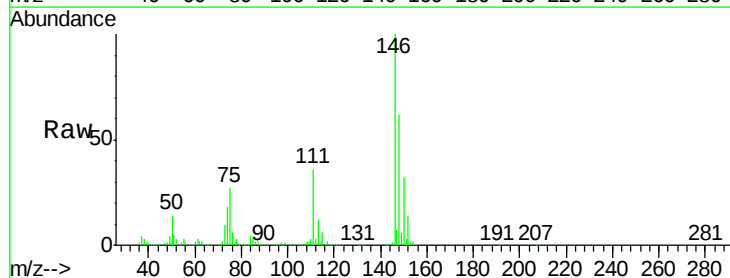
Manual Integrations
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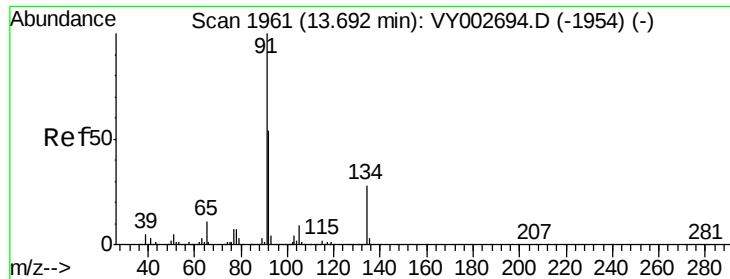
MMDadoda
 5/18/2020 1:36:06 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.016 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.4
148	63.5	31.8	95.3





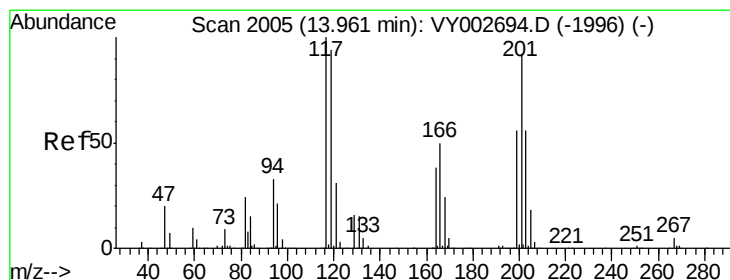
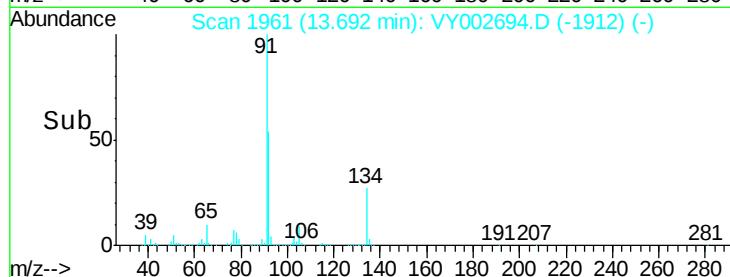
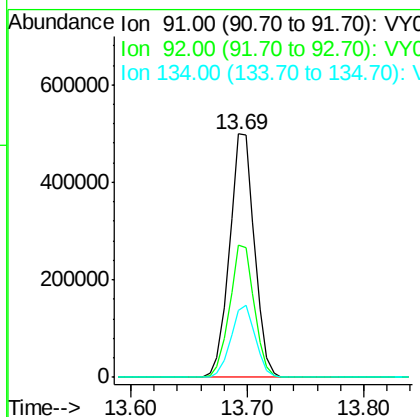
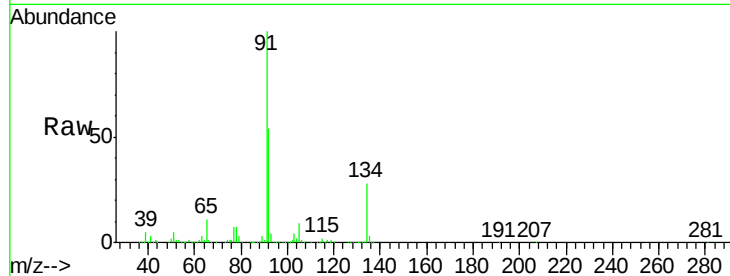
#89
n-Butylbenzene
Concen: 51.158 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.4
134	29.0	14.5	43.5

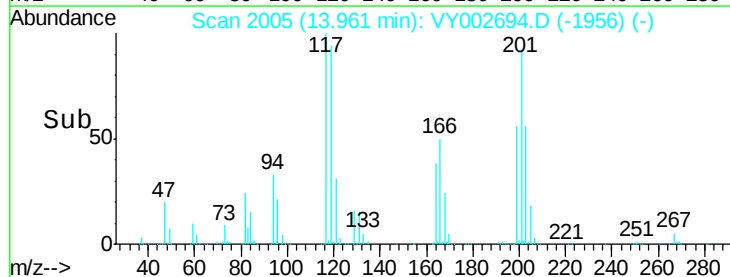
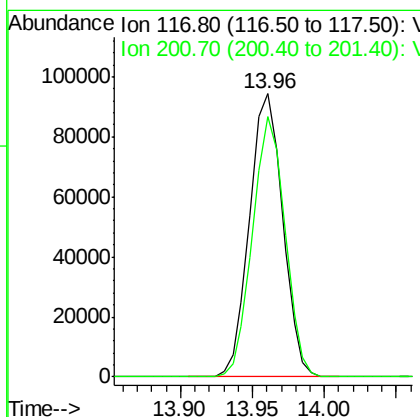
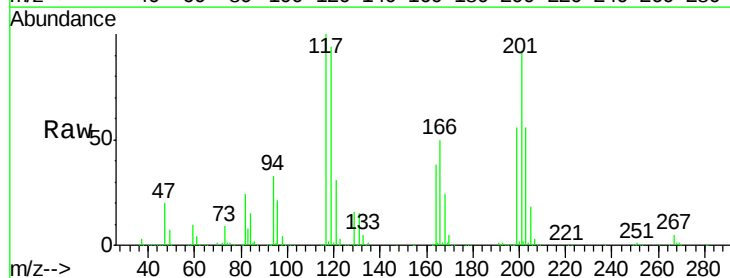
Manual Integrations
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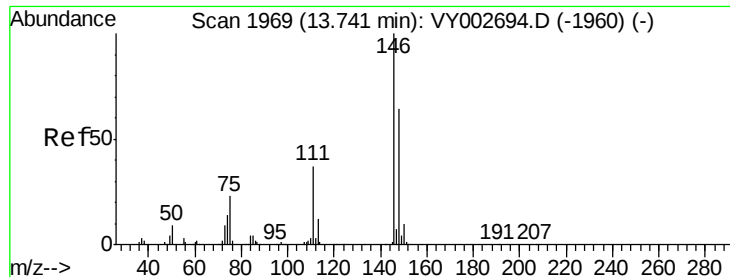
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#90
Hexachloroethane
Concen: 51.835 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.8	44.9	134.7





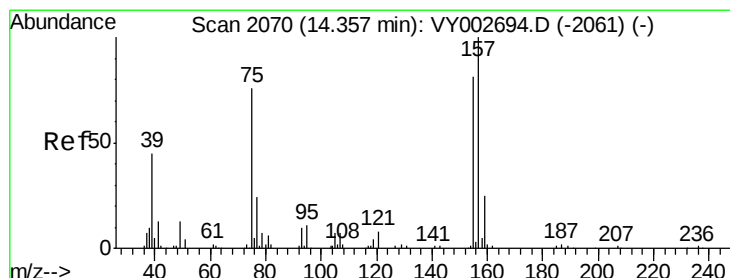
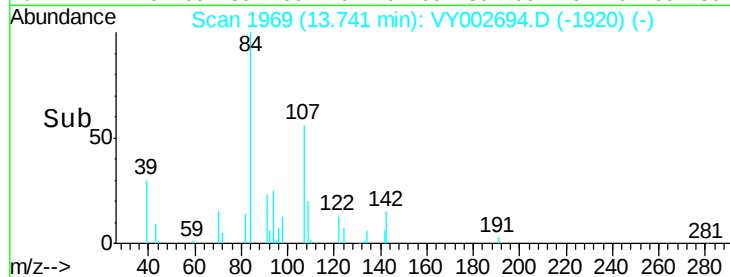
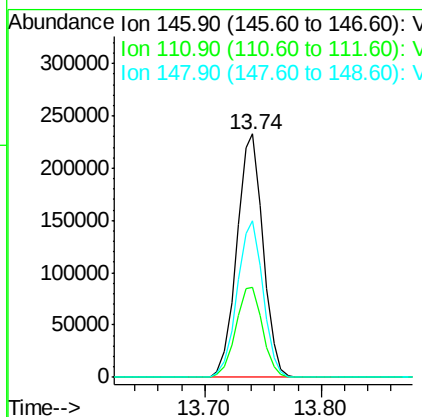
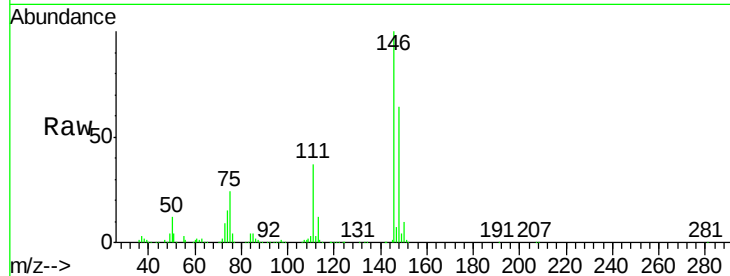
#91
 1,2-Dichlorobenzene
 Concen: 51.086 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.8	31.9	95.7

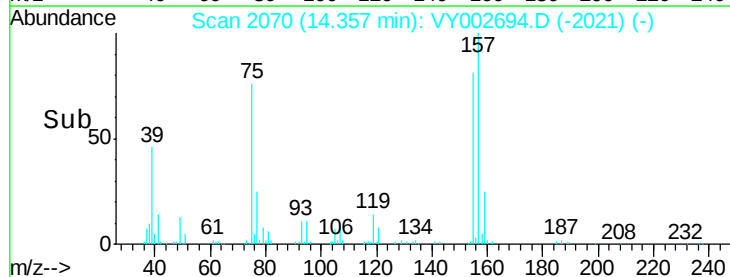
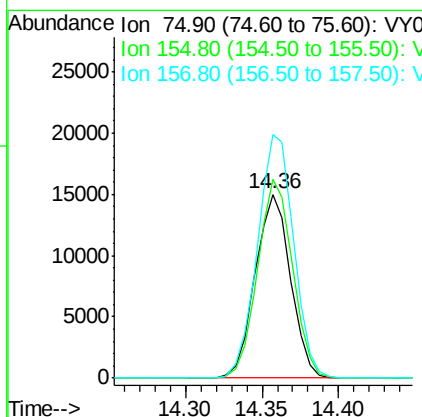
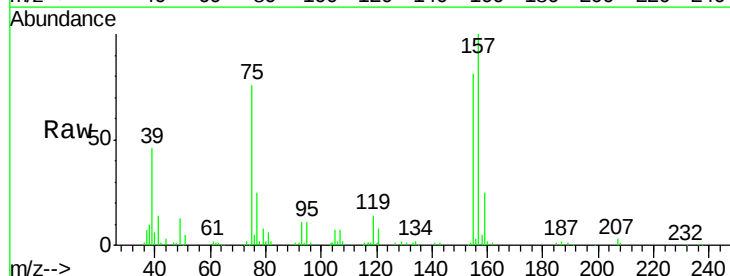
Manual Integrations
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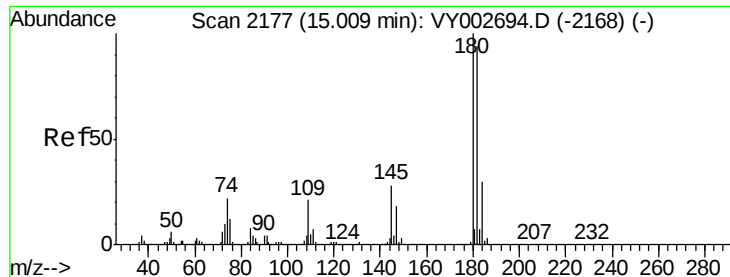
MMDadoda
 5/18/2020 1:36:06 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.959 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.1	53.5	160.7
157	135.8	67.9	203.7





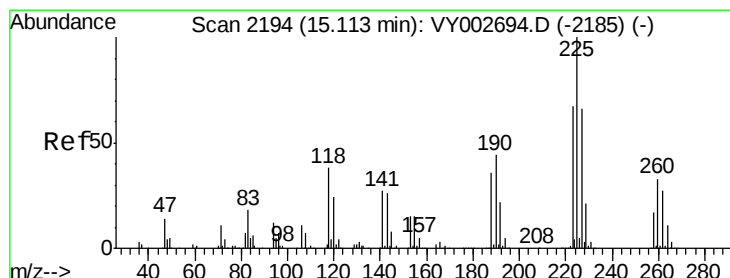
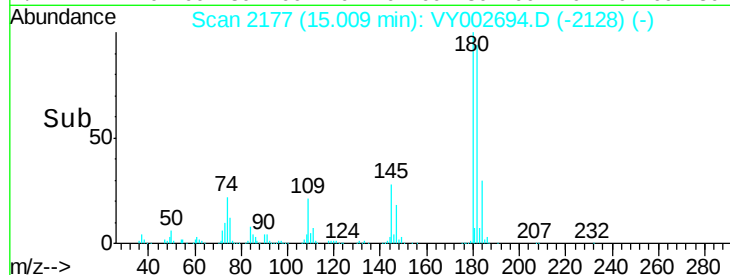
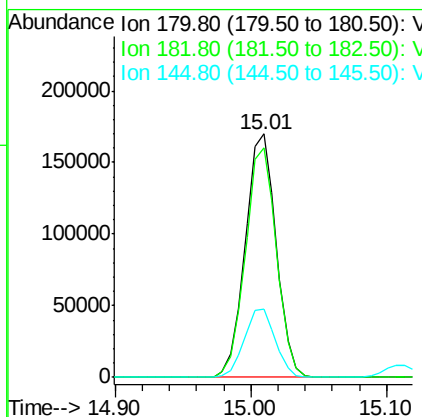
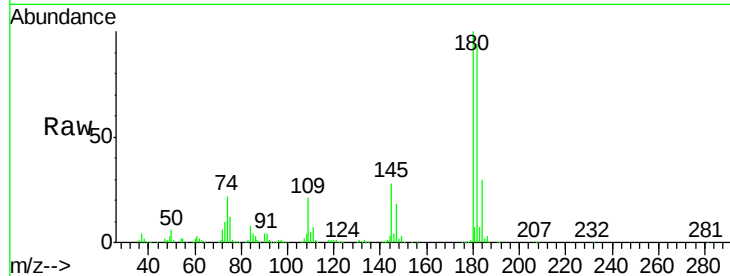
#93
 1,2,4-Trichlorobenzene
 Concen: 52.180 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	269904		
182	94.7	47.3	142.0	
145	28.1	14.1	42.2	

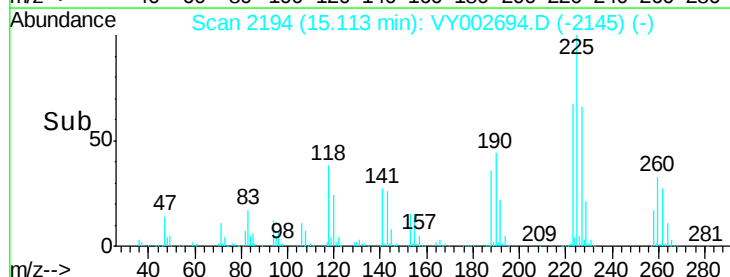
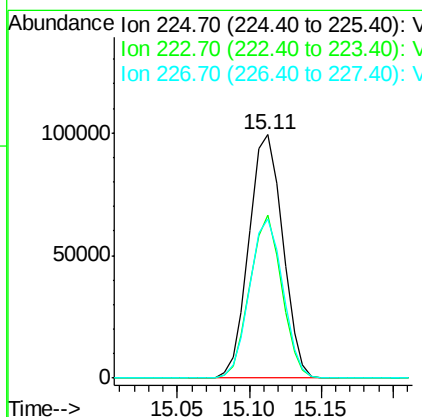
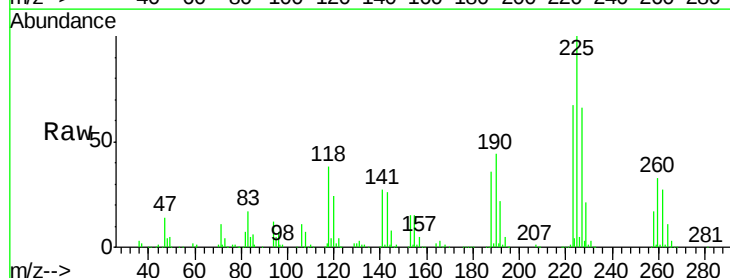
Manual Integrations
 APPROVED

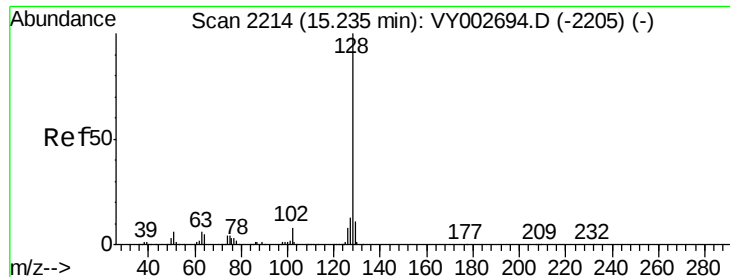
MMDadoda
 5/18/2020 1:36:06 PM



#94
 Hexachlorobutadiene
 Concen: 51.823 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	161185		
223	63.2	31.6	94.8	
227	64.4	32.2	96.6	





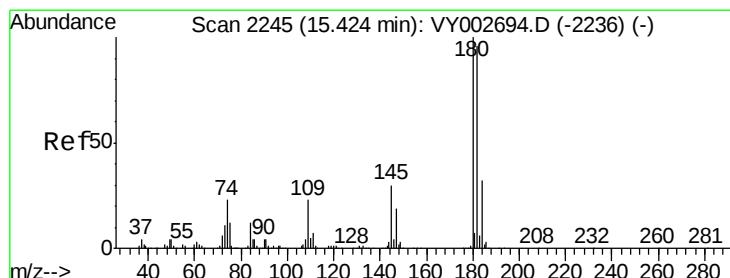
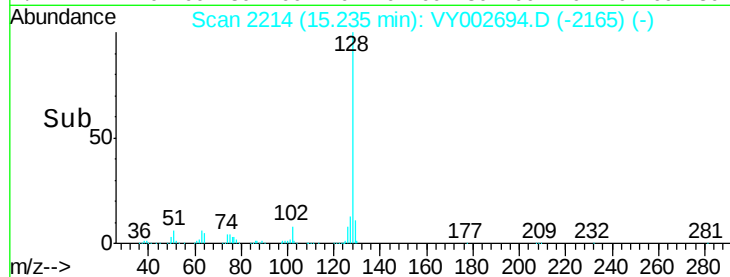
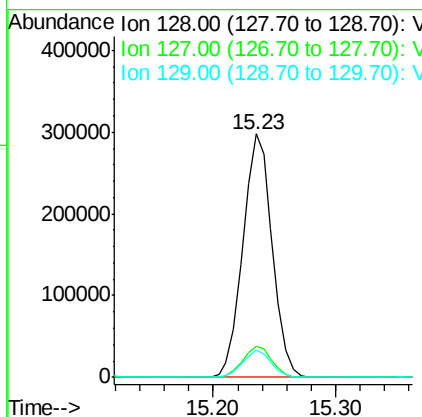
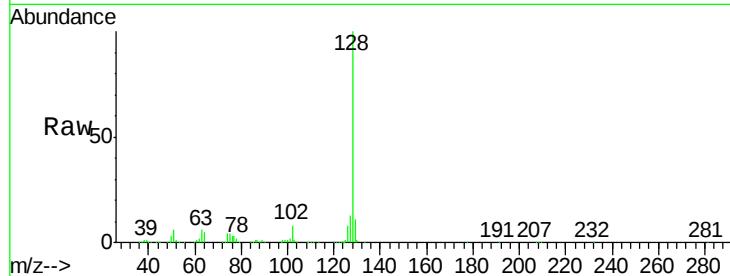
#95
Naphthalene
Concen: 52.459 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	492471		
127	12.9	10.3	15.5	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
5/18/2020 1:36:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.854 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	227385		
182	95.3	47.6	142.9	
145	30.2	15.1	45.3	

