

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
 Data File : VY002654.D
 Acq On : 11 May 2020 11:38
 Operator : SY/MD
 Sample : VY0511SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/12/2020 12:10:05 PM

Quant Time: May 11 17:16:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	392166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	578616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	513450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	264440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	153388	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	7.74	113	172385	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.19	98	677704	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.49	95	229039	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	45524	15.332	ug/l	97
3) Chloromethane	2.12	50	56458	17.769	ug/l	99
4) Vinyl Chloride	2.26	62	65147	17.757	ug/l	99
5) Bromomethane	2.65	94	46491	18.376	ug/l	95
6) Chloroethane	2.80	64	40745	18.600	ug/l	93
7) Trichlorofluoromethane	3.14	101	109328	19.227	ug/l	98
8) Diethyl Ether	3.55	74	36409	19.054	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	69378	19.964	ug/l	98
10) Methyl Iodide	4.11	142	88484	18.689	ug/l	99
11) Tert butyl alcohol	4.98	59	30189	88.988	ug/l #	87
12) 1,1-Dichloroethene	3.90	96	67094	19.874	ug/l	96
13) Acrolein	3.75	56	15670	66.797	ug/l	98
14) Allyl chloride	4.50	41	99954	20.321	ug/l	98
15) Acrylonitrile	5.20	53	81817	90.798	ug/l	99
16) Acetone	3.97	43	56670	83.276	ug/l	96
17) Carbon Disulfide	4.22	76	177949	17.521	ug/l	99
18) Methyl Acetate	4.50	43	40589	17.851	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	168948	19.182	ug/l	97
20) Methylene Chloride	4.74	84	73969	19.437	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	74112	20.085	ug/l	98
22) Diisopropyl ether	6.15	45	205988	20.697	ug/l	95
23) Vinyl Acetate	6.09	43	593027	94.745	ug/l	100
24) 1,1-Dichloroethane	6.05	63	122358	20.781	ug/l	98
25) 2-Butanone	7.02	43	96720	86.826	ug/l	99
26) 2,2-Dichloropropane	7.01	77	114507	20.460	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	83467	20.444	ug/l	100
28) Bromochloromethane	7.36	49	48739	20.203	ug/l	99
29) Tetrahydrofuran	7.37	42	65965	89.503	ug/l	99
30) Chloroform	7.53	83	123905	20.239	ug/l	97
31) Cyclohexane	7.81	56	113448	19.142	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	115251	20.254	ug/l	100
36) 1,1-Dichloropropene	7.94	75	97428	20.086	ug/l	99
37) Ethyl Acetate	7.10	43	44320	17.781	ug/l	99
38) Carbon Tetrachloride	7.92	117	105753	19.970	ug/l	100

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	127546	19.908	ug/l	99
40) Benzene	8.18	78	287597	20.529	ug/l	99
41) Methacrylonitrile	7.34	41	23294m	17.381	ug/l	
42) 1,2-Dichloroethane	8.25	62	74600	18.984	ug/l	99
43) Isopropyl Acetate	8.29	43	87682	18.764	ug/l	100
44) Trichloroethene	8.96	130	91733	20.952	ug/l	97
45) 1,2-Dichloropropane	9.23	63	69539	20.567	ug/l	100
46) Dibromomethane	9.32	93	37273	19.160	ug/l	98
47) Bromodichloromethane	9.51	83	94925	20.068	ug/l	99
48) Methyl methacrylate	9.31	41	38758	18.327	ug/l	99
49) 1,4-Dioxane	9.31	88	10334	401.206	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	227359	94.395	ug/l	99
52) Toluene	10.25	92	183381	20.368	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	97775	19.728	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	114227	19.937	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	55747	19.651	ug/l	98
56) Ethyl methacrylate	10.52	69	72523	19.217	ug/l	97
57) 1,3-Dichloropropane	10.80	76	93888	19.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	196368	98.667	ug/l	100
59) 2-Hexanone	10.84	43	151333	91.287	ug/l	100
60) Dibromochloromethane	11.00	129	71598	19.843	ug/l	99
61) 1,2-Dibromoethane	11.10	107	53872	19.178	ug/l	98
64) Tetrachloroethene	10.73	164	103516	22.691	ug/l	98
65) Chlorobenzene	11.52	112	204401	20.941	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	75379	20.805	ug/l	98
67) Ethyl Benzene	11.60	91	360966	21.053	ug/l	100
68) m/p-Xylenes	11.71	106	280302	42.253	ug/l	100
69) o-Xylene	12.03	106	132012	21.253	ug/l	98
70) Styrene	12.05	104	224348	21.128	ug/l	99
71) Bromoform	12.22	173	44887	19.960	ug/l #	99
73) Isopropylbenzene	12.34	105	363271	21.196	ug/l	99
74) N-amyl acetate	12.15	43	80556	19.540	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	48730	17.879	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	45171m	19.222	ug/l	
77) Bromobenzene	12.61	156	89555	20.915	ug/l	99
78) n-propylbenzene	12.68	91	422128	21.225	ug/l	100
79) 2-Chlorotoluene	12.77	91	231726	21.034	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	302361	21.284	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	21863	18.655	ug/l	97
82) 4-Chlorotoluene	12.86	91	242604	20.964	ug/l	99
83) tert-Butylbenzene	13.08	119	270849	21.744	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	302635	21.375	ug/l	99
85) sec-Butylbenzene	13.26	105	372957	21.577	ug/l	99
86) p-Isopropyltoluene	13.38	119	347197	21.438	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	170254	21.009	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	168430	20.989	ug/l	99
89) n-Butylbenzene	13.70	91	317649	21.545	ug/l	100
90) Hexachloroethane	13.97	117	63122	21.402	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	151888	21.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9677	19.046	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	111340	21.208	ug/l	100
94) Hexachlorobutadiene	15.12	225	70234	22.287	ug/l	98
95) Naphthalene	15.25	128	187253	19.552	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	92432	20.739	ug/l	99

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

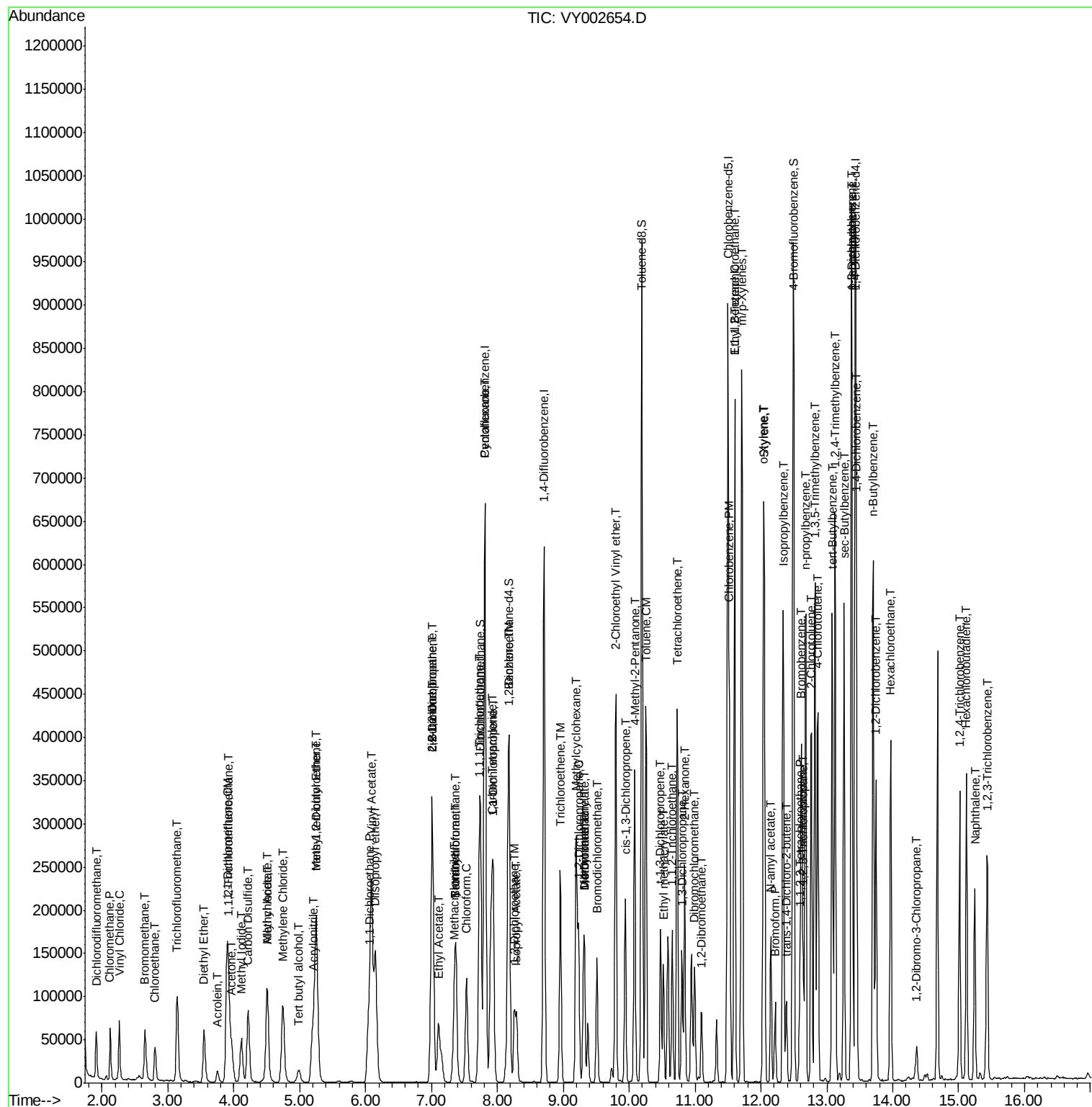
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Data File : VY002654.D
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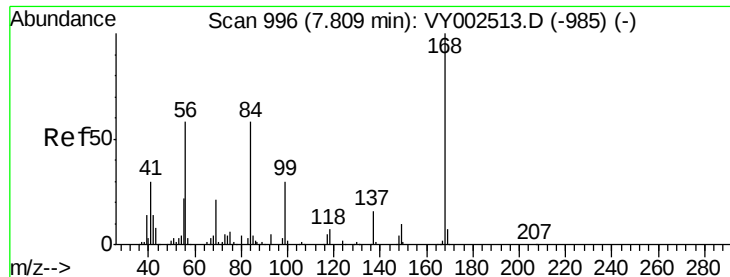
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tot Ion:168 Resp: 392166

Ion Ratio Lower Upper

168 100

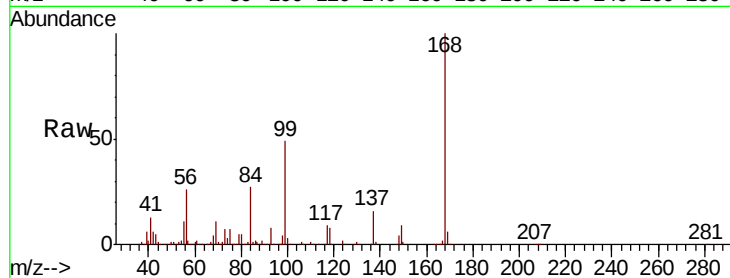
99 49.4 39.2 58.8

Manual Integrations

APPROVED

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5/12/2020 12:10:05 PM



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

150000

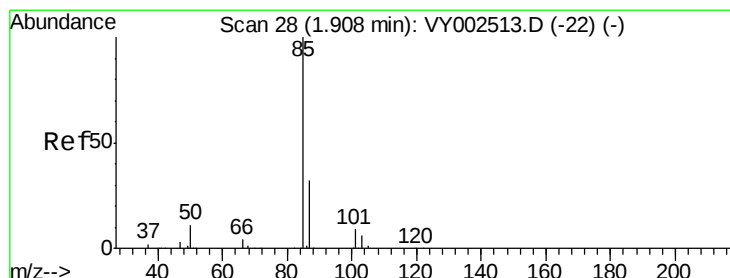
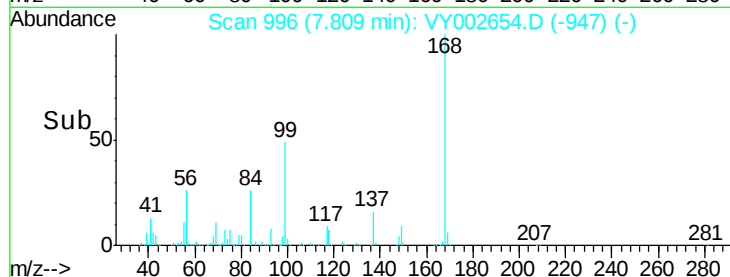
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.332 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002654.D

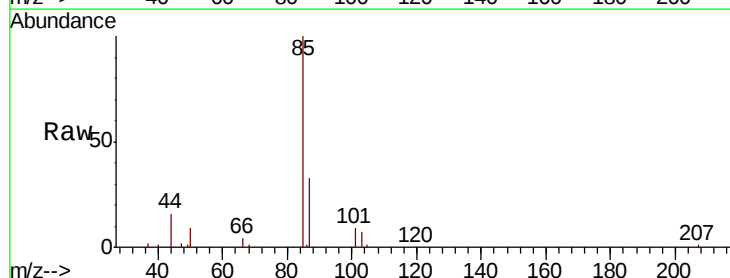
Acq: 11 May 2020 11:38

Tgt Ion: 85 Resp: 45524

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

30000

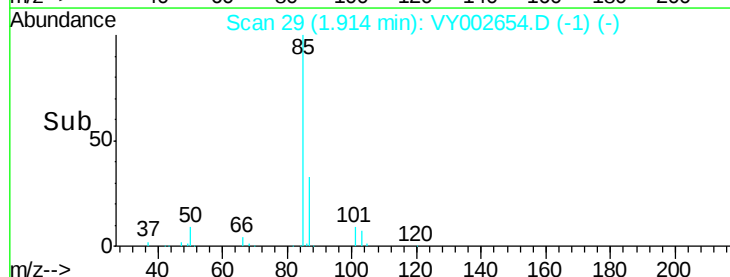
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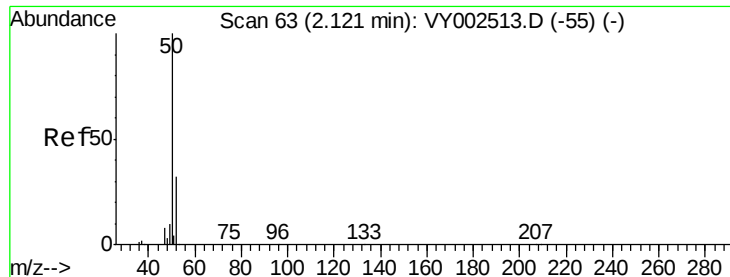
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.769 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tot Ion: 50 Resp: 56458

Ion Ratio Lower Upper

50 100

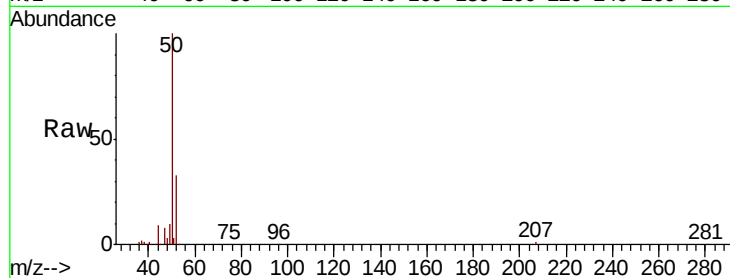
52 33.1 25.9 38.9

Manual Integrations

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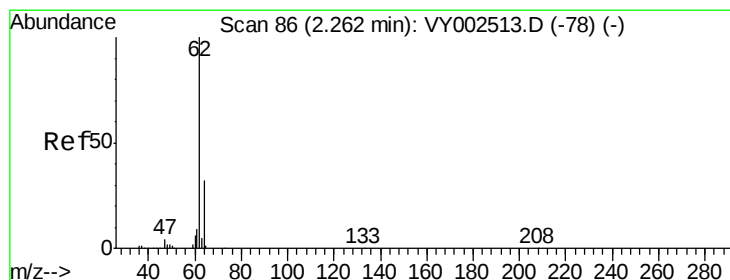
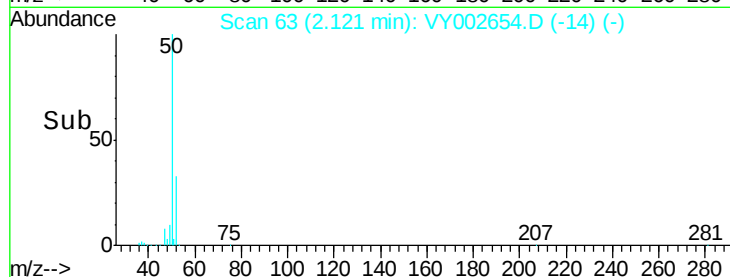
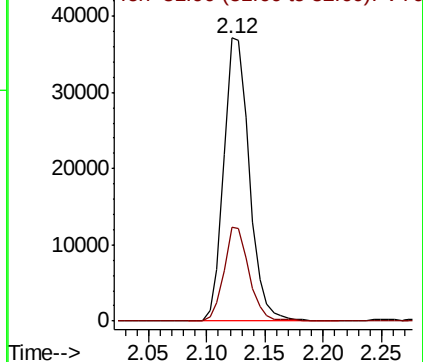
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 17.757 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002654.D

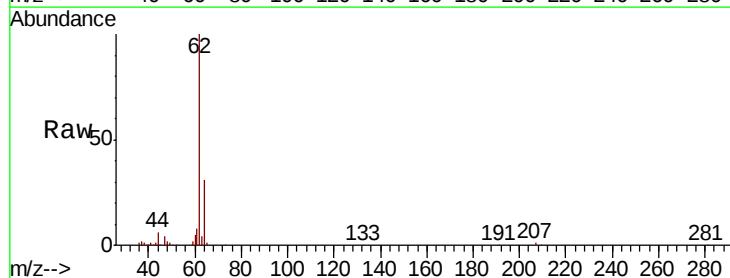
Acq: 11 May 2020 11:38

Tgt Ion: 62 Resp: 65147

Ion Ratio Lower Upper

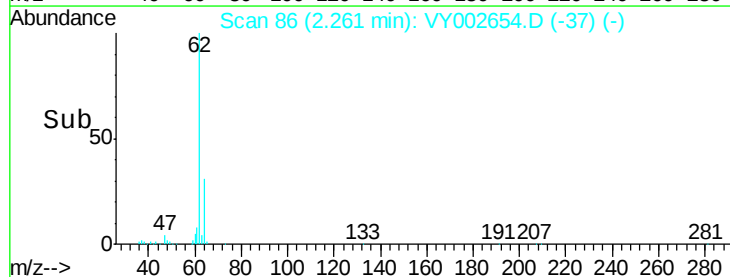
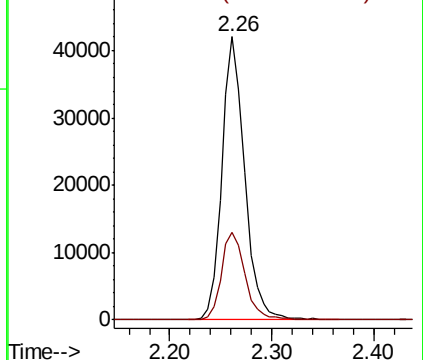
62 100

64 31.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.376 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

Tot Ion: 94 Resp: 46491

Ion Ratio Lower Upper

94 100

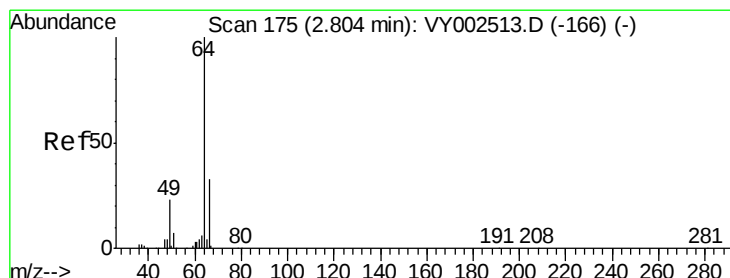
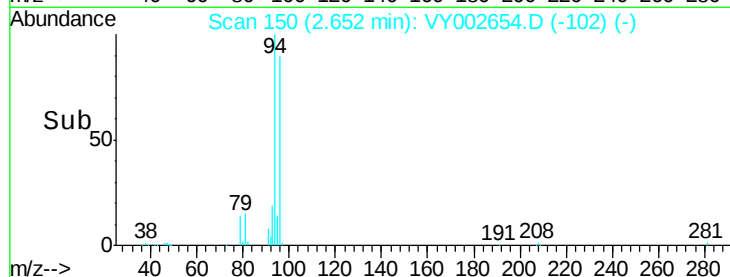
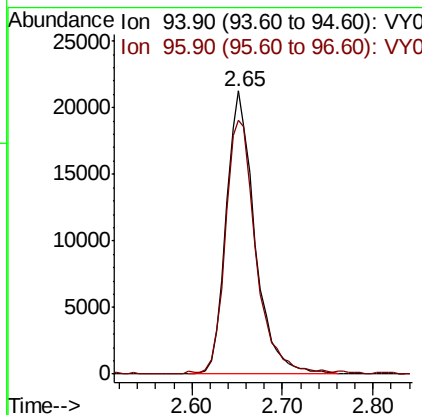
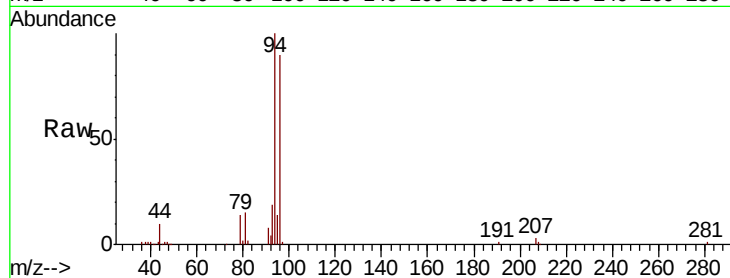
96 88.8 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 18.600 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002654.D

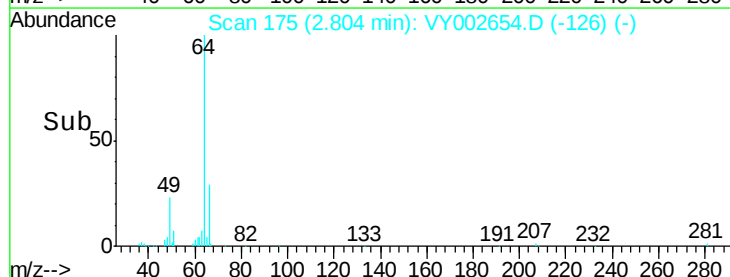
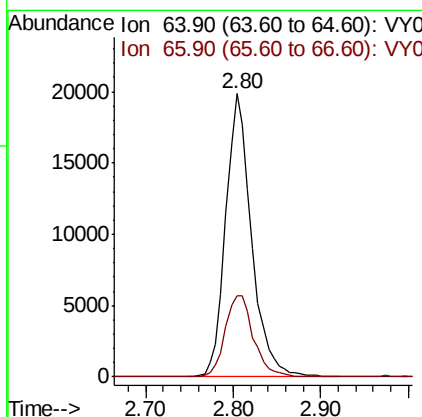
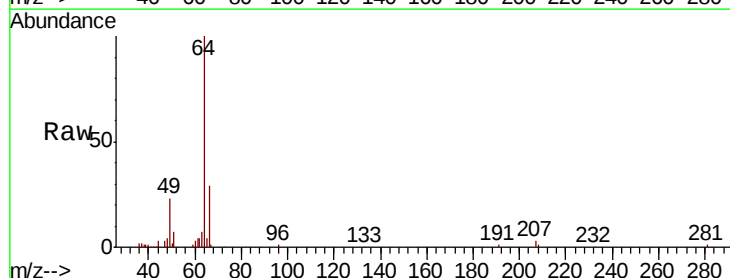
Acq: 11 May 2020 11:38

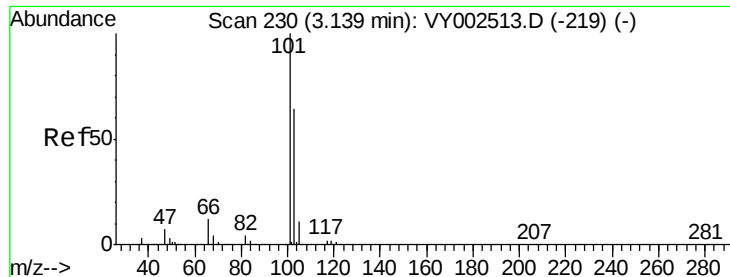
Tgt Ion: 64 Resp: 40745

Ion Ratio Lower Upper

64 100

66 28.9 26.3 39.5





#7

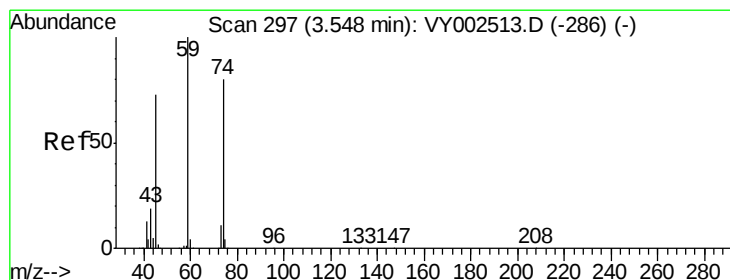
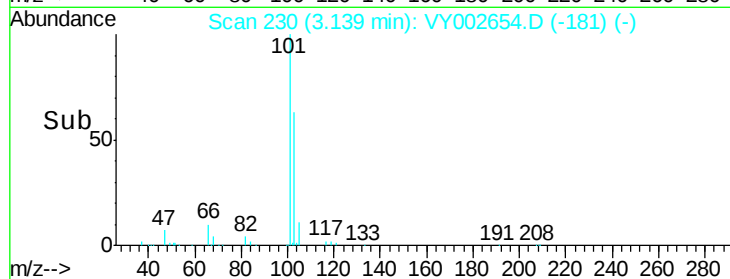
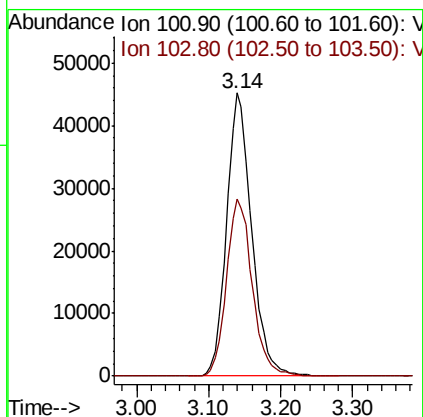
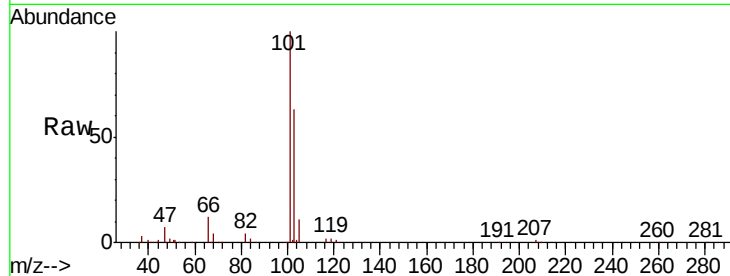
Trichlorofluoromethane
Concen: 19.227 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	109328		
103	62.7	51.4	77.0	

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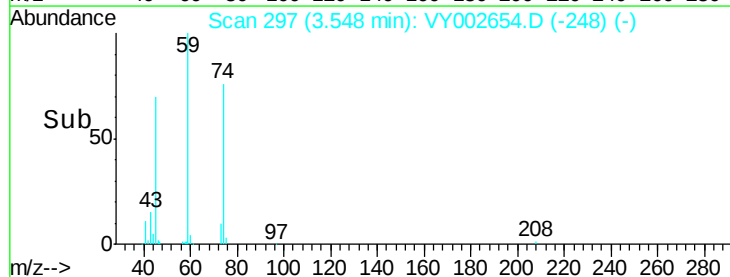
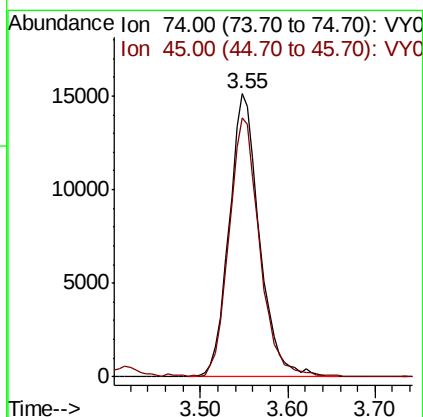
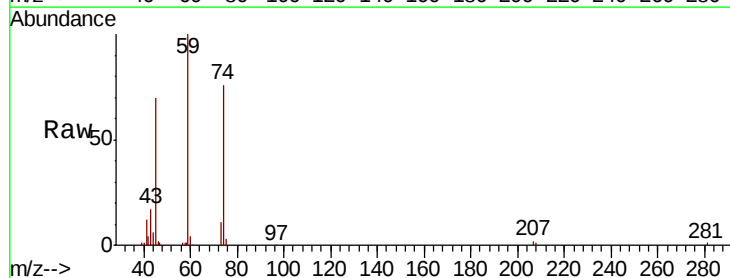
MMDadoda
5/12/2020 12:10:05 PM

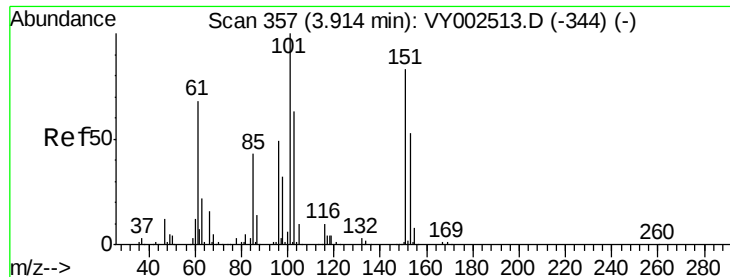


#8

Diethyl Ether
Concen: 19.054 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	36409		
45	92.8	46.2	138.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.964 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

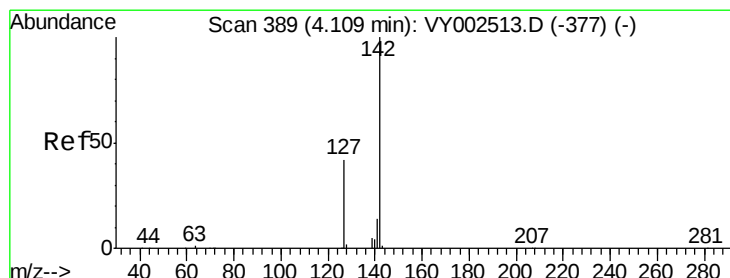
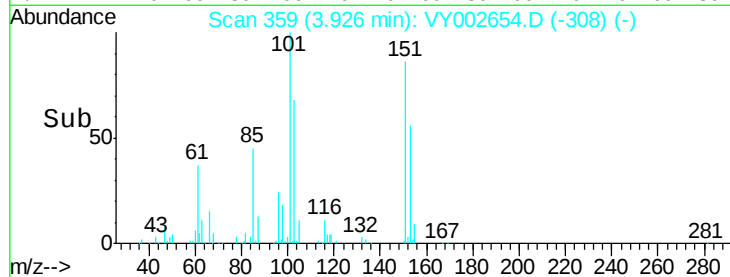
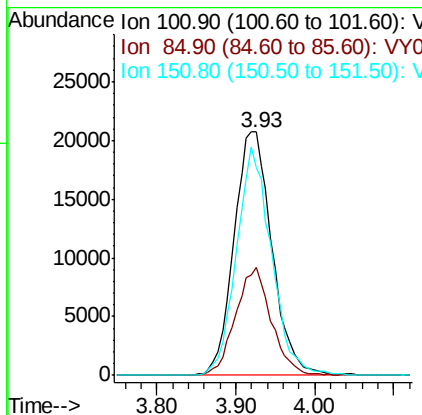
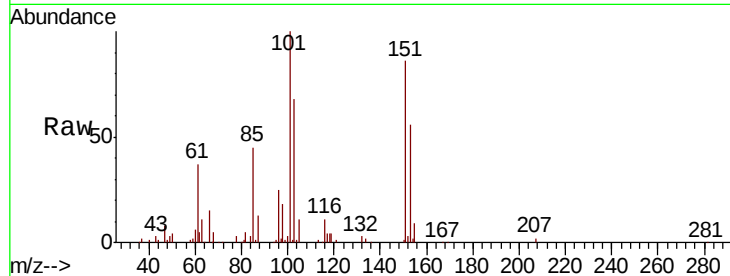
ClientSampleId :

VY0511SBSD01

Tot Ion:	101	Resp:	69378
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.4	50.2
151	86.4	66.8	100.2

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#10

Methyl Iodide

Concen: 18.689 ug/l

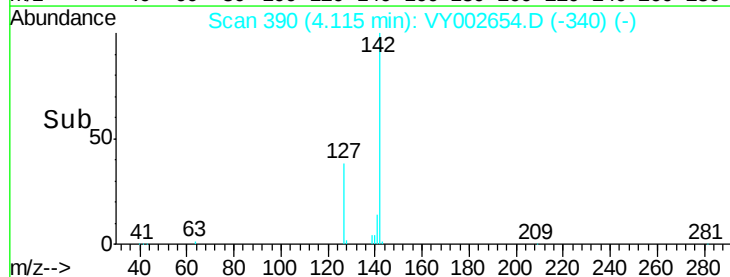
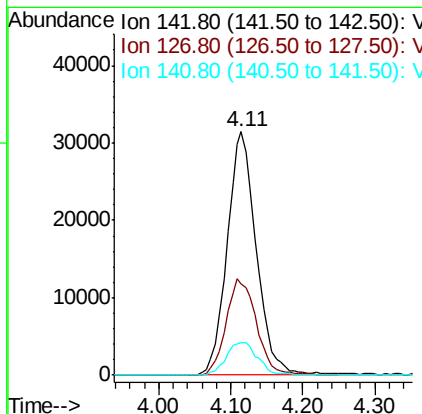
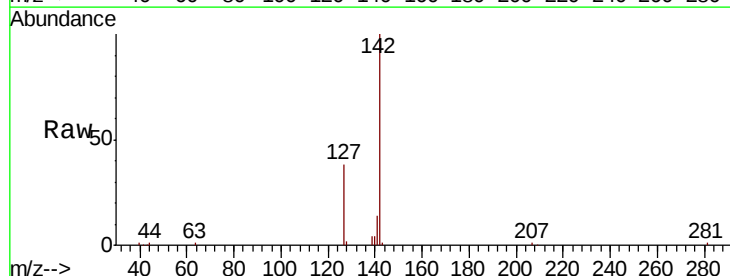
RT: 4.11 min Scan# 390

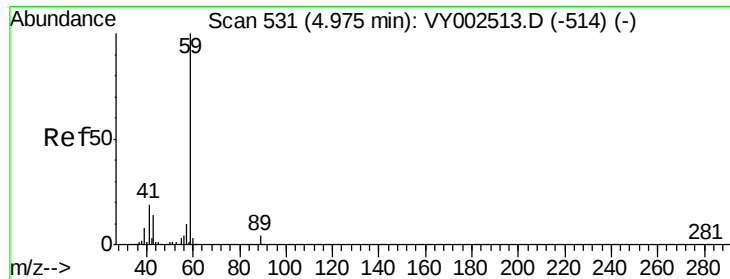
Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Tgt Ion:	142	Resp:	88484
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.7	50.5
141	14.5	11.4	17.0





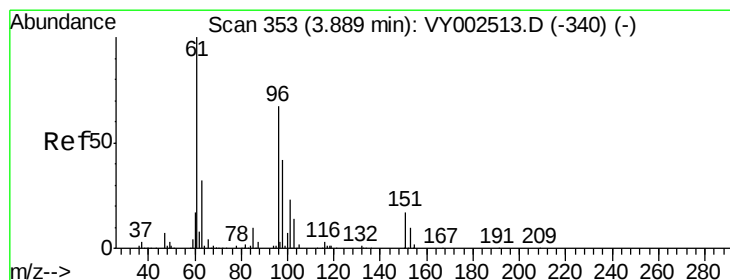
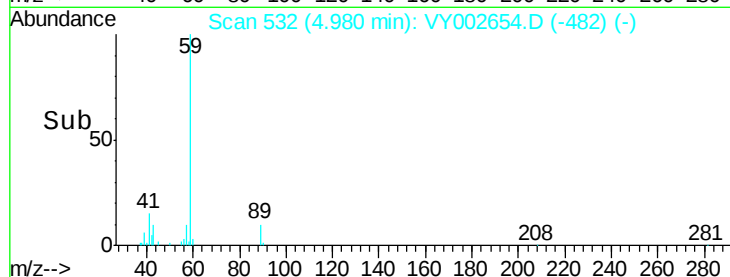
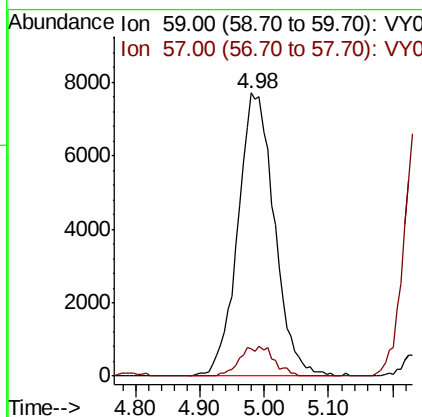
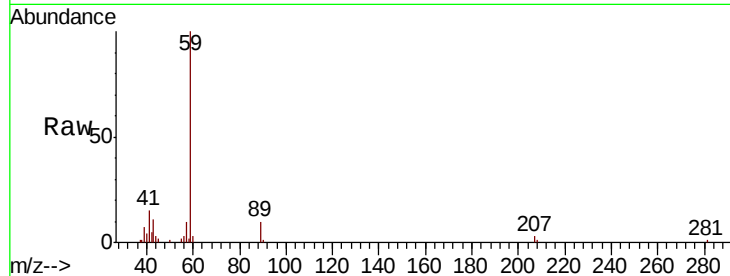
#11
Tert butyl alcohol
Concen: 88.988 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion: 59 Resp: 30189
Ion Ratio Lower Upper
59 100
57 5.0 7.8 11.6#

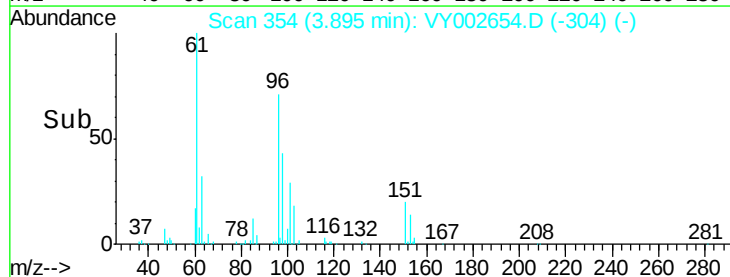
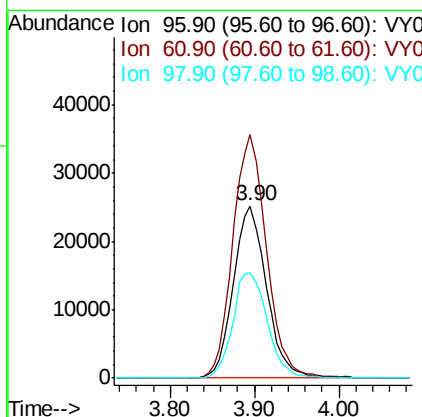
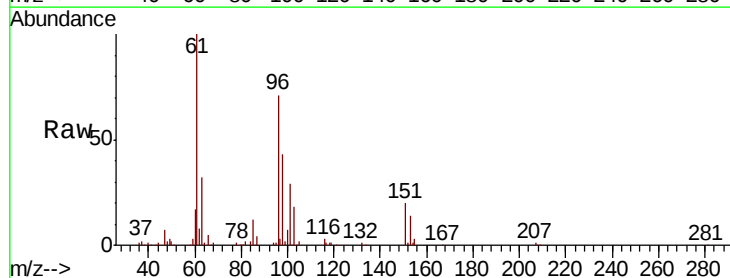
Manual Integrations
APPROVED

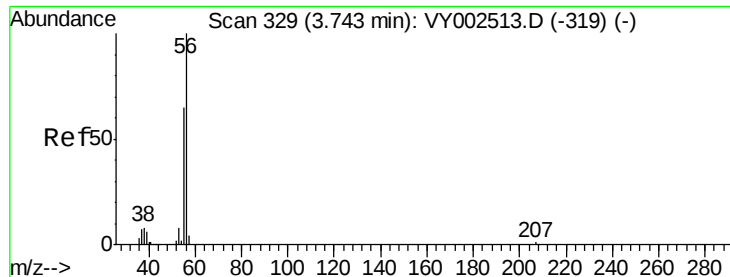
MMDadoda
5/12/2020 12:10:05 PM



#12
1,1-Dichloroethene
Concen: 19.874 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 96 Resp: 67094
Ion Ratio Lower Upper
96 100
61 141.5 118.8 178.2
98 61.3 49.6 74.4





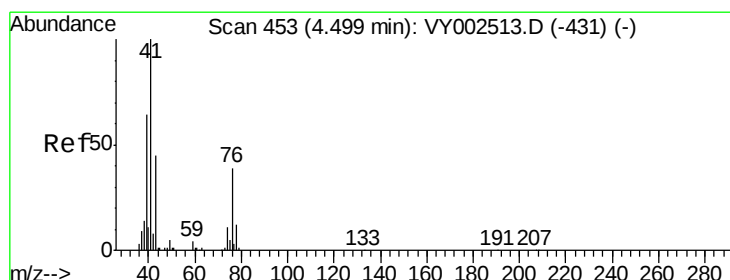
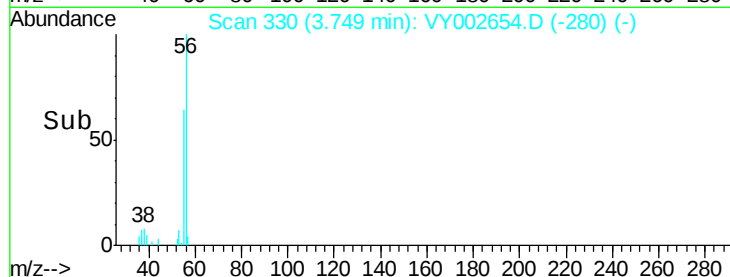
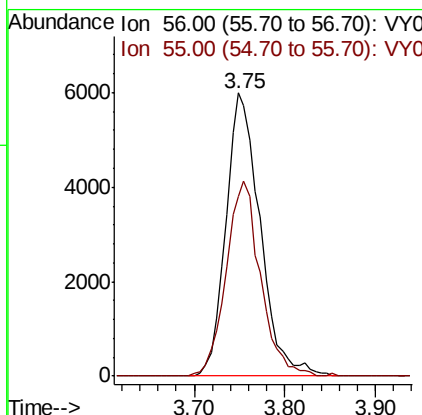
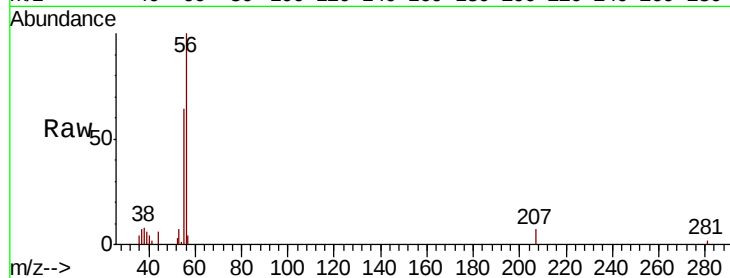
#13
Acrolein
Concen: 66.797 ug/l
RT: 3.75 min Scan# 330
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion	56	Resp	15670
Ion Ratio	100	Lower	Upper
55	69.1	53.8	80.6

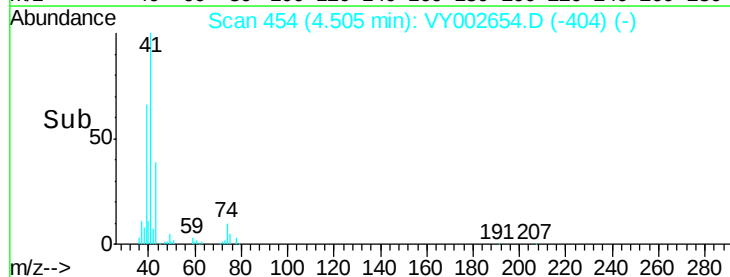
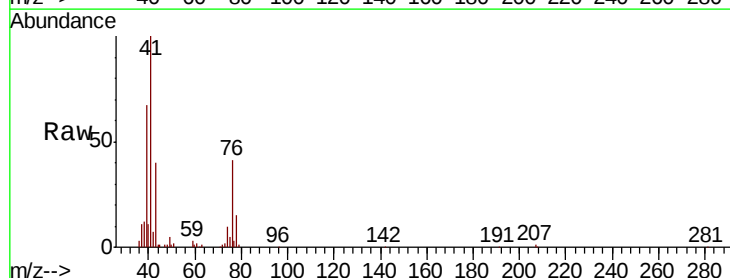
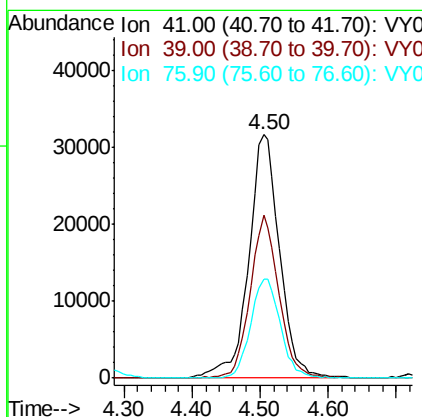
Manual Integrations
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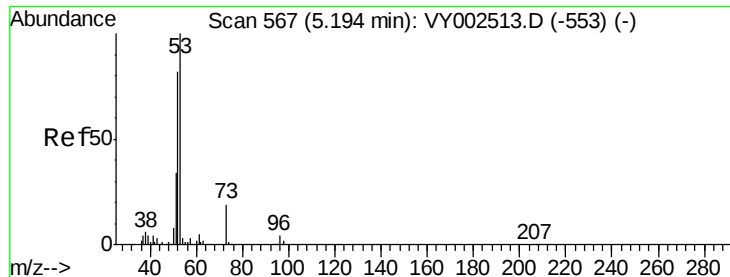
MMDadoda
5/12/2020 12:10:05 PM



#14
Allyl chloride
Concen: 20.321 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	41	Resp	99954
Ion Ratio	100	Lower	Upper
39	62.5	51.8	77.6
76	39.4	31.7	47.5





#15

Acrylonitrile

Concen: 90.798 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

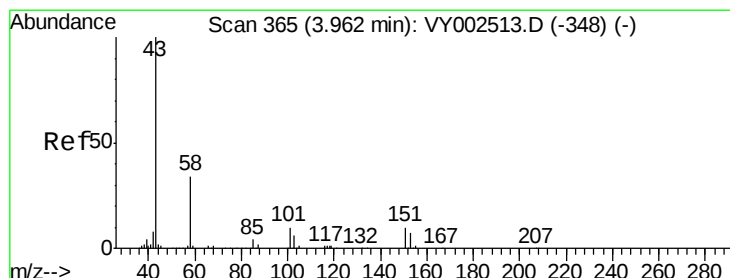
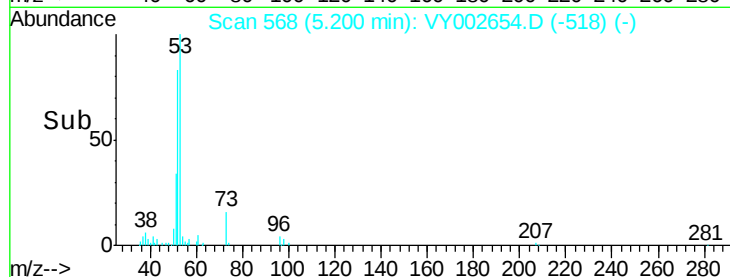
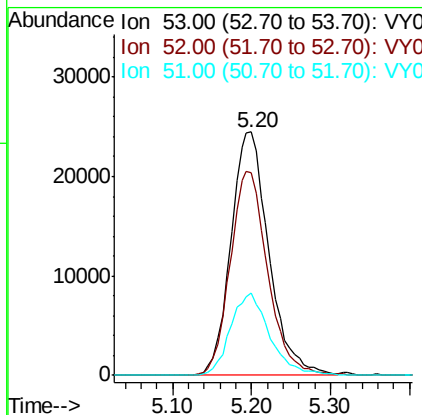
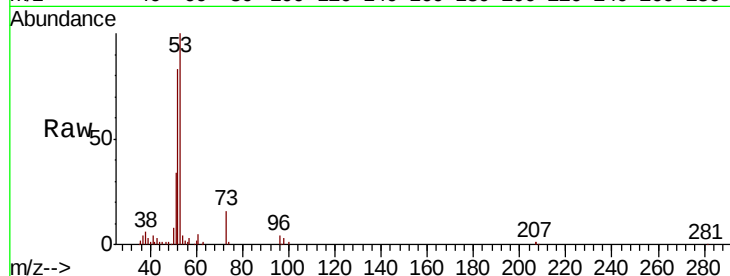
ClientSampleId :

VY0511SBS01

Tot Ion:	53	Resp:	81817
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.4	98.0
51	34.8	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 83.276 ug/l

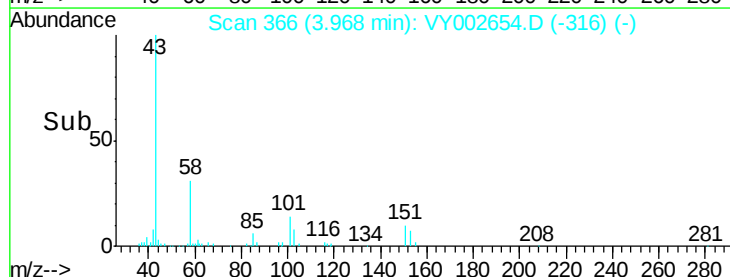
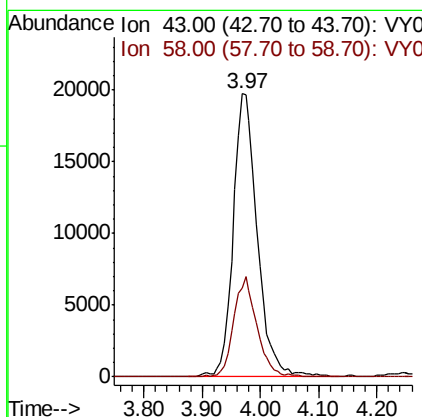
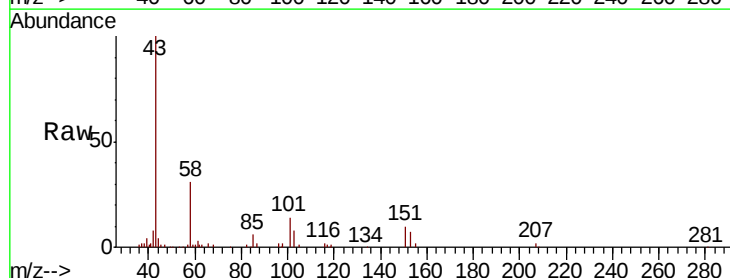
RT: 3.97 min Scan# 366

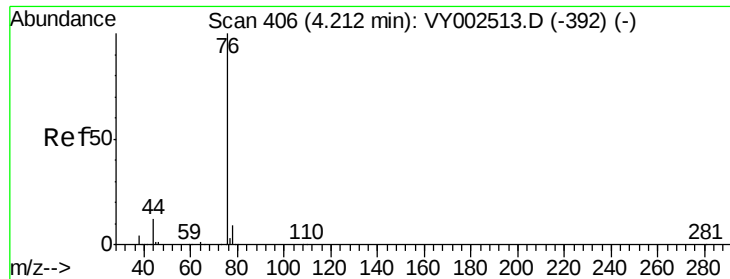
Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Tgt Ion:	43	Resp:	56670
Ion Ratio	Lower	Upper	
43	100		
58	31.4	26.9	40.3





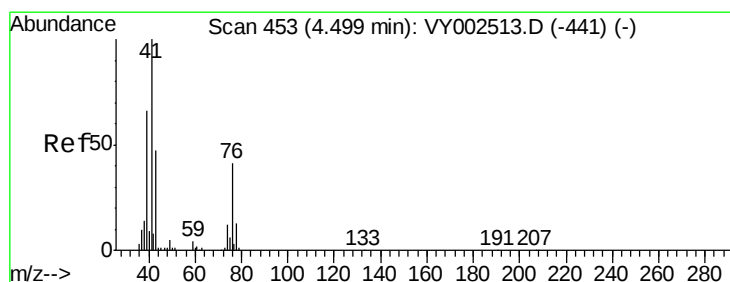
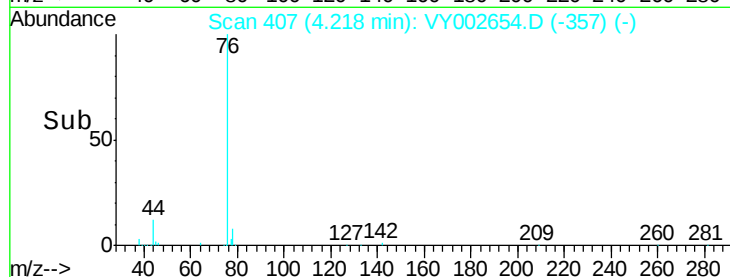
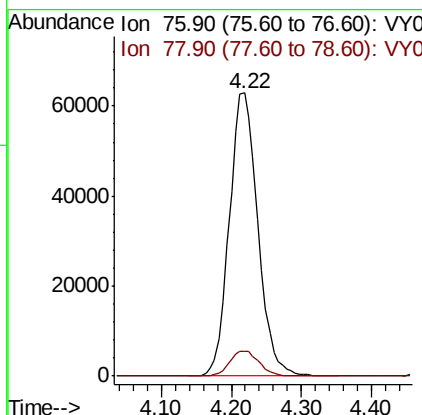
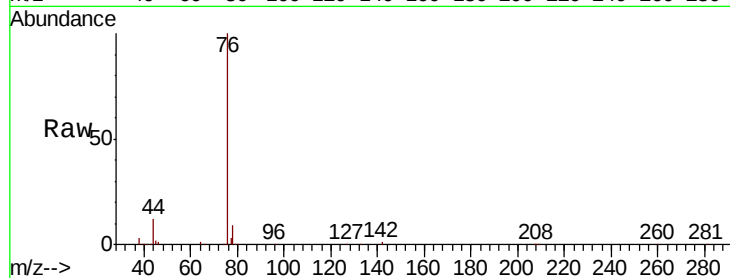
#17
Carbon Disulfide
Concen: 17.521 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

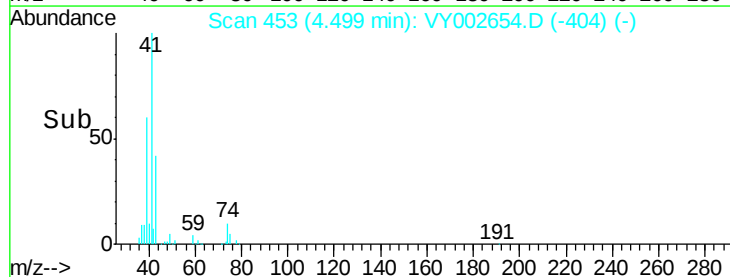
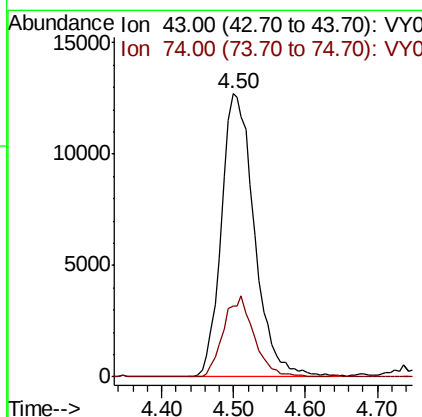
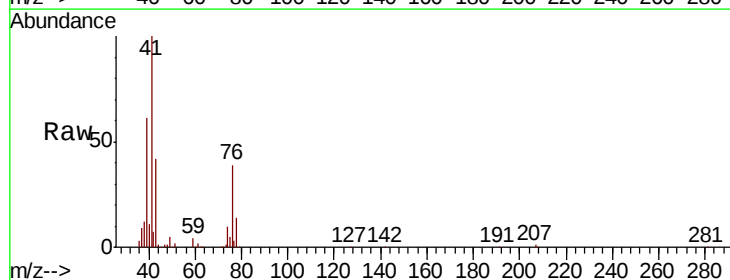
Manual Integrations
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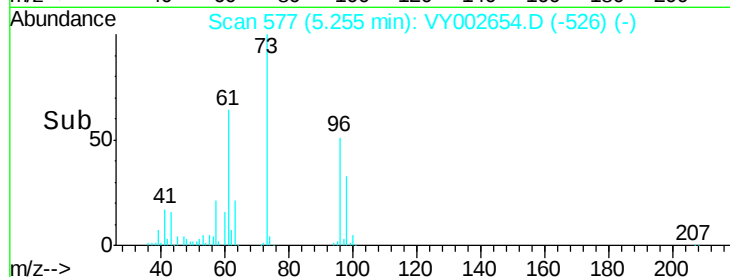
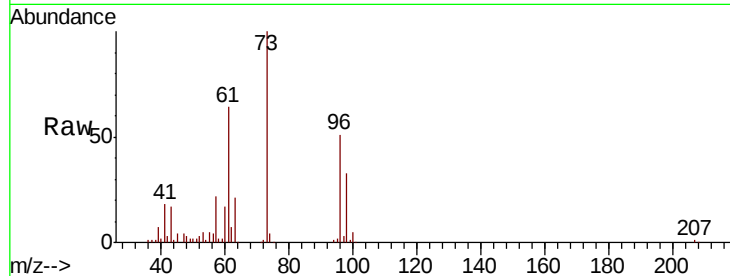
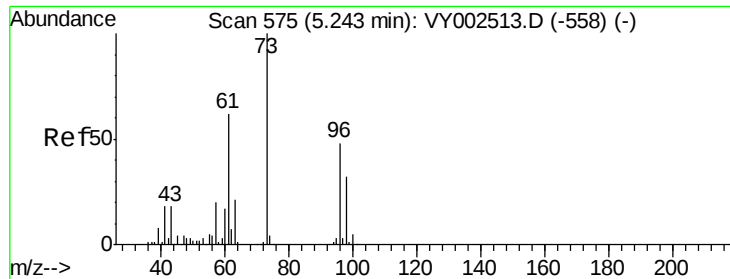
MMDadoda
5/12/2020 12:10:05 PM



#18
Methyl Acetate
Concen: 17.851 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	21.2	31.8





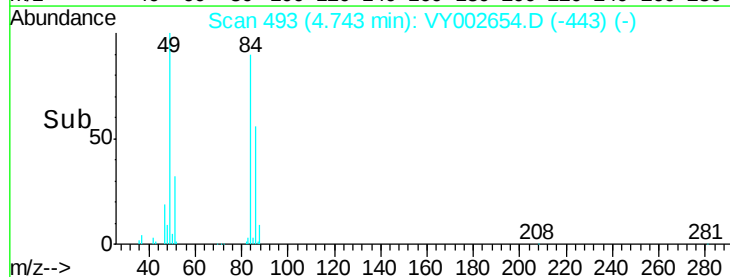
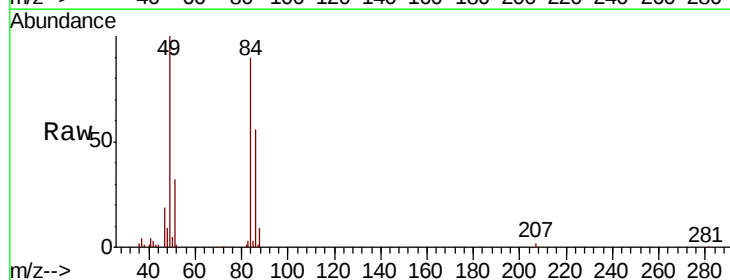
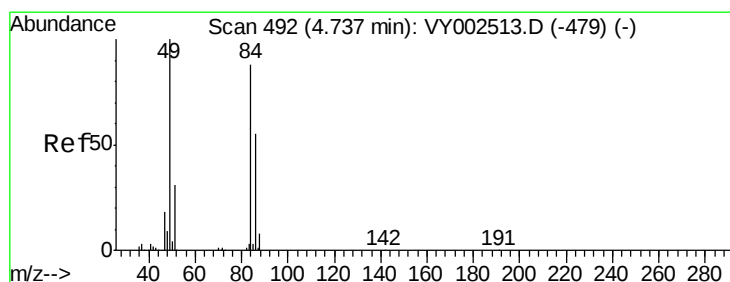
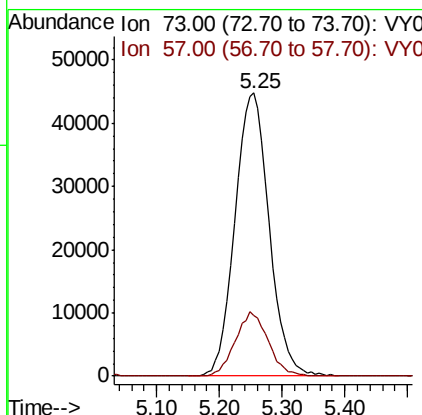
#19
Methvl tert-butvl Ether
Concen: 19.182 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tot Ion: 73 Resp: 168948
Ion Ratio Lower Upper
73 100
57 21.6 16.3 24.5

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

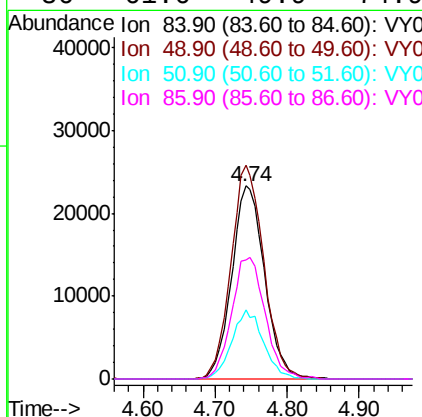
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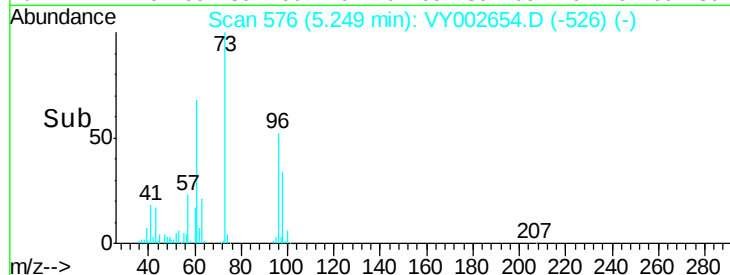
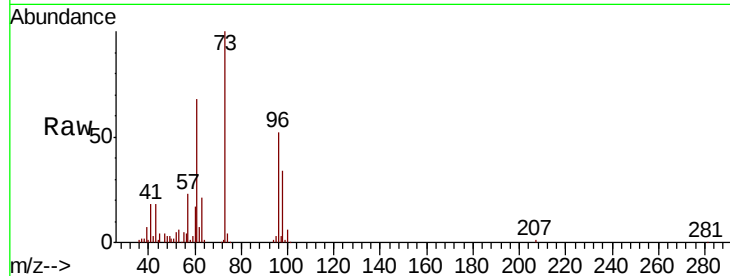
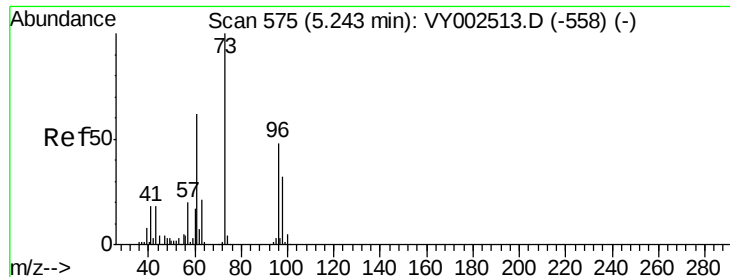
MMDadoda
5/12/2020 12:10:05 PM



#20
Methylene Chloride
Concen: 19.437 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 84 Resp: 73969
Ion Ratio Lower Upper
84 100
49 110.7 90.5 135.7
51 35.6 28.3 42.5
86 61.6 49.9 74.9





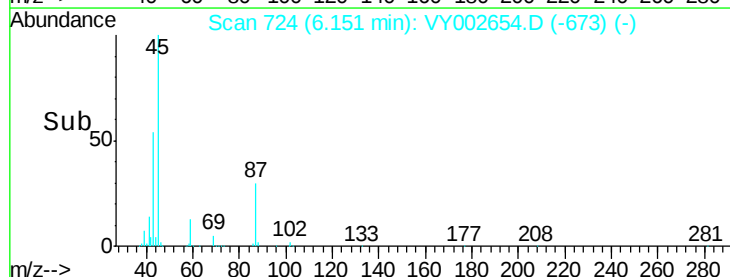
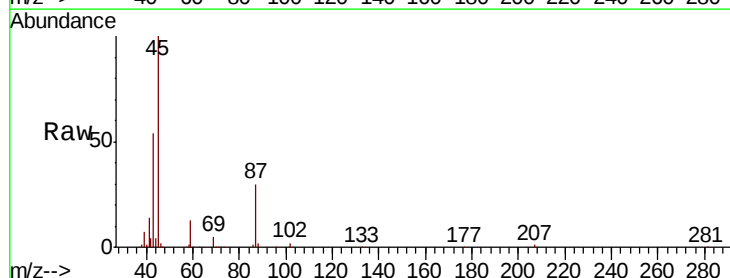
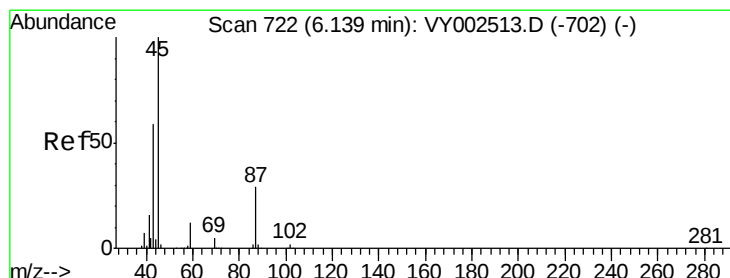
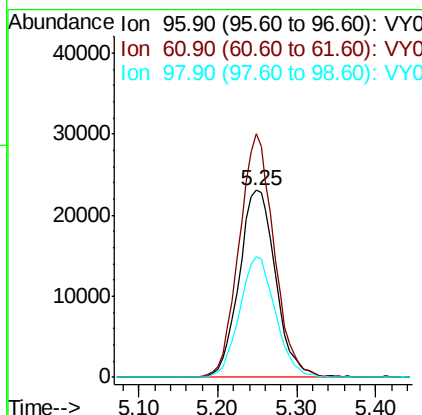
#21
trans-1,2-Dichloroethene
Concen: 20.085 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	102.0	153.0
98	64.7	53.0	79.4

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

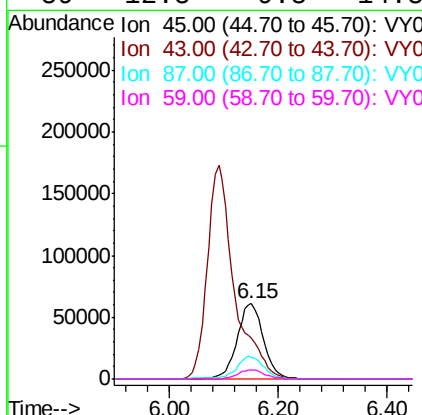
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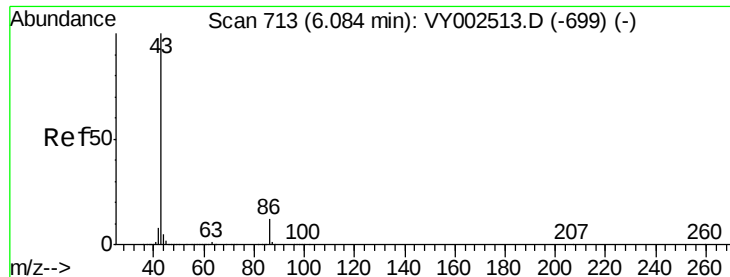
MMDadoda
5/12/2020 12:10:05 PM



#22
Diisopropyl ether
Concen: 20.697 ug/l
RT: 6.15 min Scan# 724
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.5	47.4	71.0
87	29.5	24.0	36.0
59	12.5	9.8	14.8





#23

Vinyl Acetate

Concen: 94.745 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tot Ion: 43 Resp: 593027

Ion Ratio Lower Upper

43 100

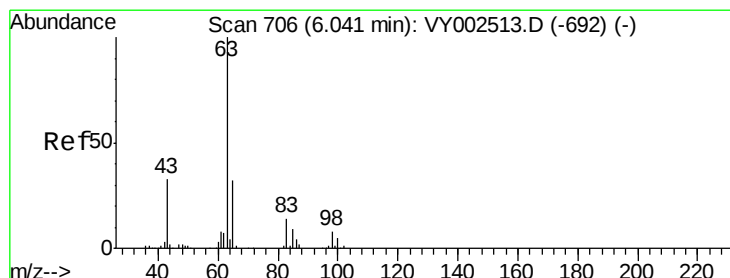
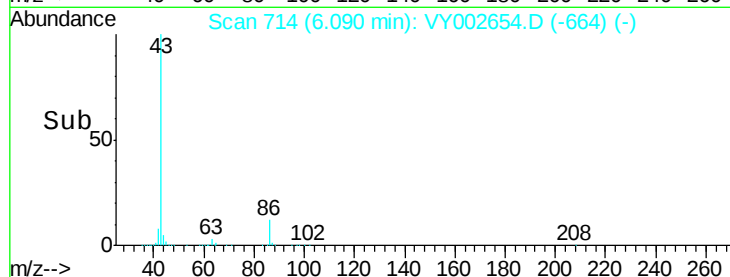
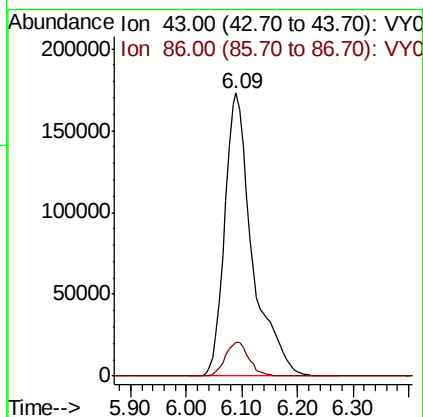
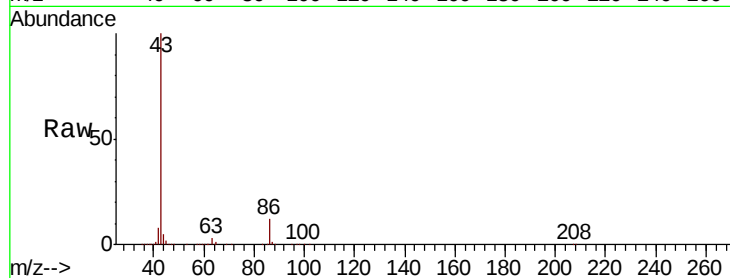
86 12.1 9.8 14.6

Manual Integrations

APPROVED

MMDadoda

5/12/2020 12:10:05 PM



#24

1,1-Dichloroethane

Concen: 20.781 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

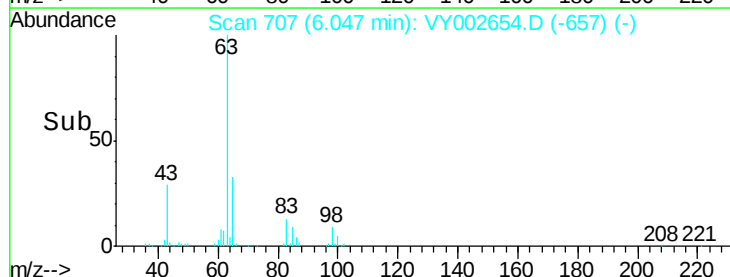
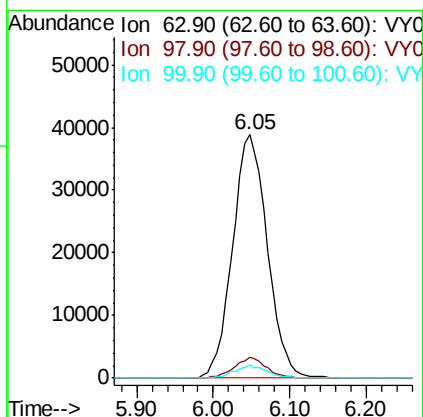
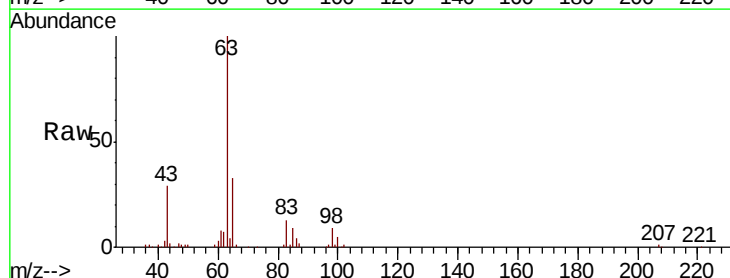
Tgt Ion: 63 Resp: 122358

Ion Ratio Lower Upper

63 100

98 8.8 3.9 11.7

100 5.2 2.4 7.2





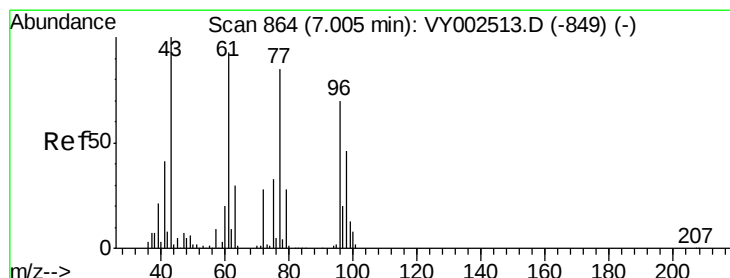
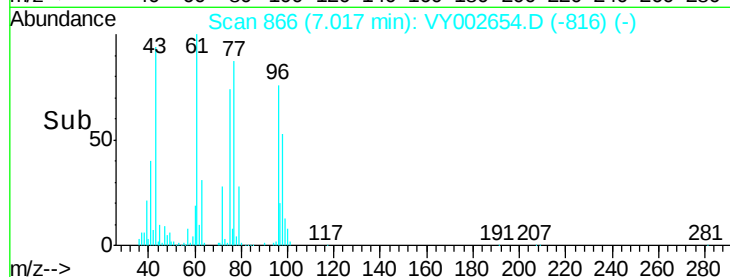
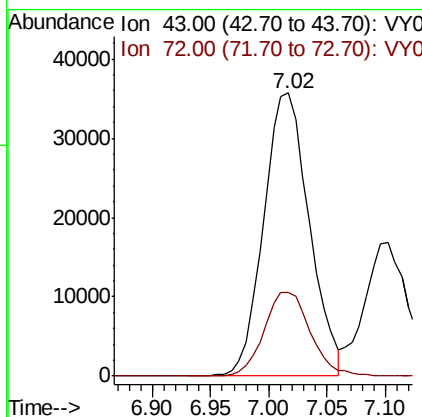
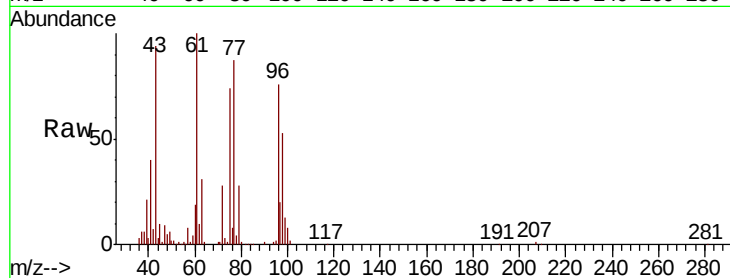
#25
2-Butanone
Concen: 86.826 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

Tot Ion: 43 Resp: 96720
Ion Ratio Lower Upper
43 100
72 29.7 24.1 36.1

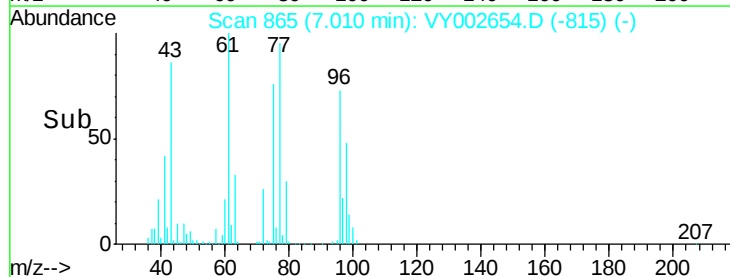
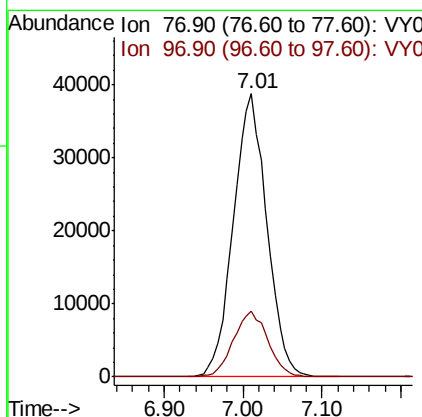
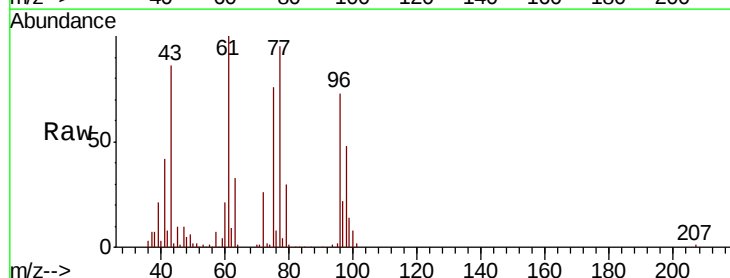
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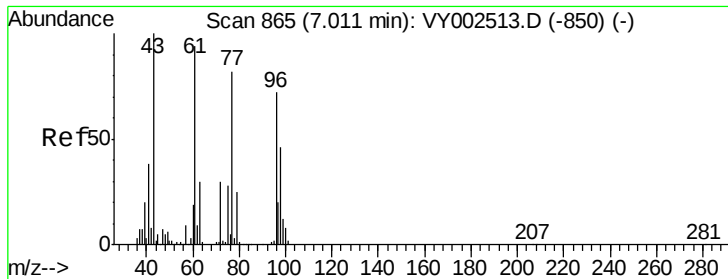
MMDadoda
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#26
2,2-Dichloropropane
Concen: 20.460 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 77 Resp: 114507
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5





#27

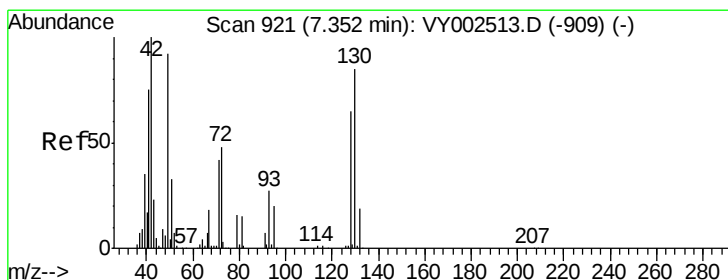
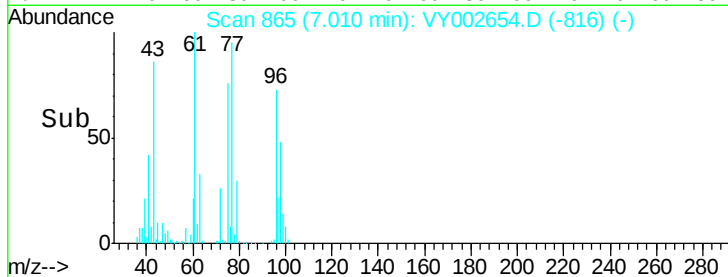
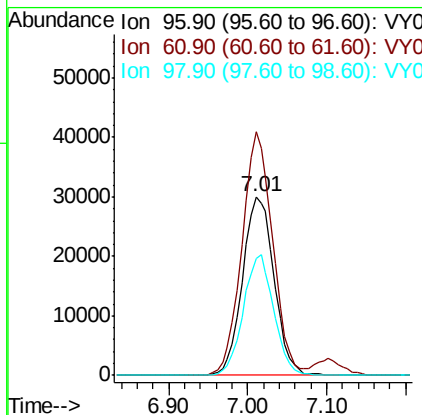
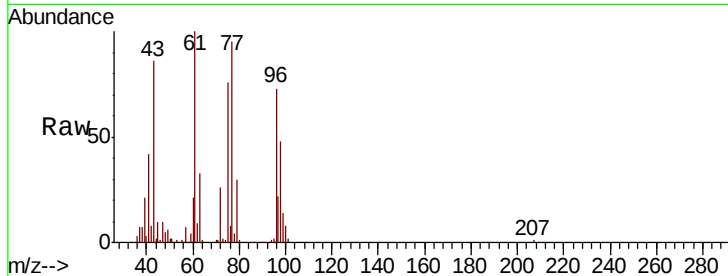
cis-1,2-Dichloroethene
 Concen: 20.444 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	266.6
98	64.9	0.0	129.2

Manual Integrations
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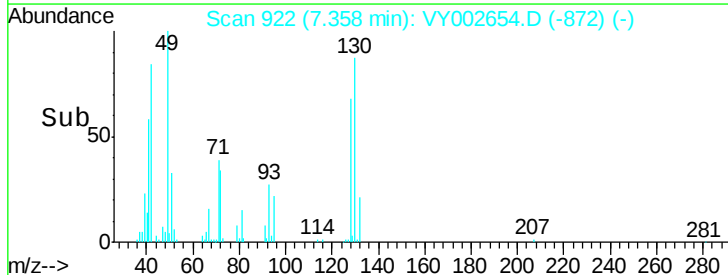
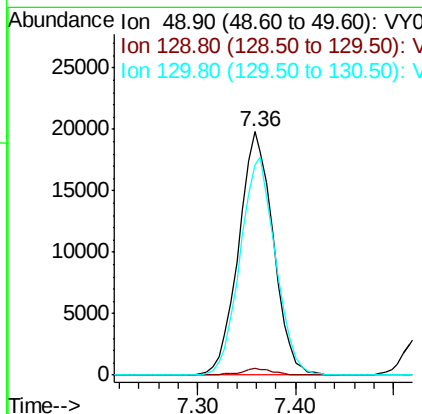
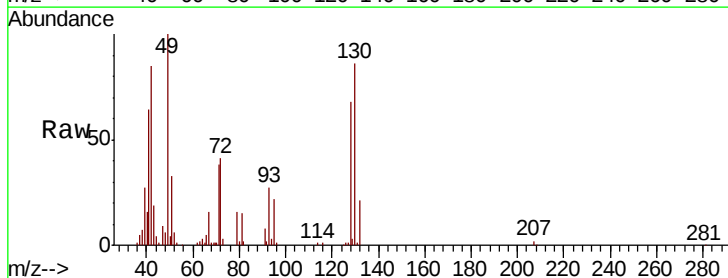
MMDadoda
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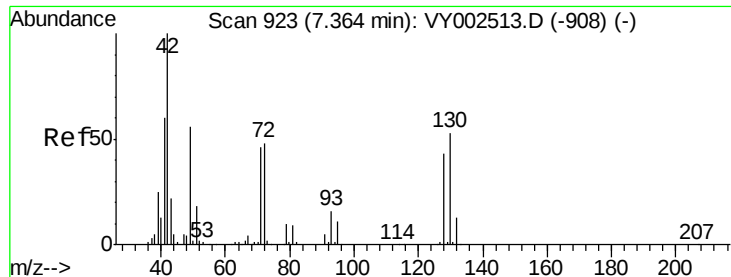


#28

Bromochloromethane
 Concen: 20.203 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	91.2	72.5	108.7





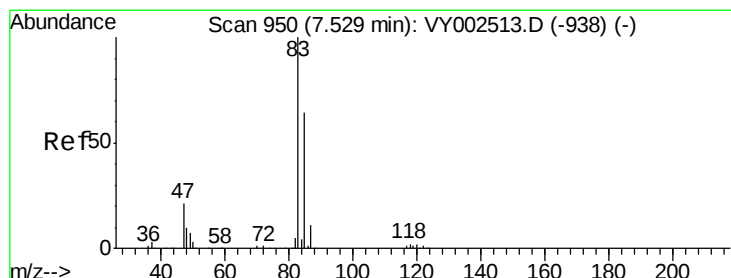
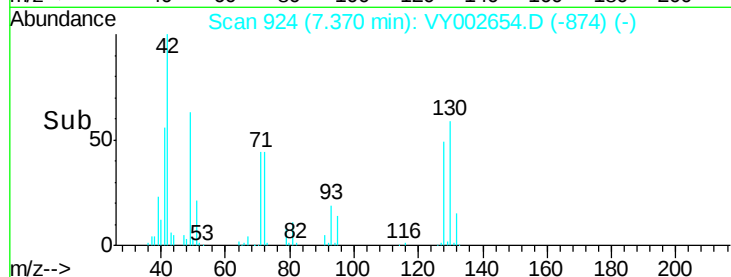
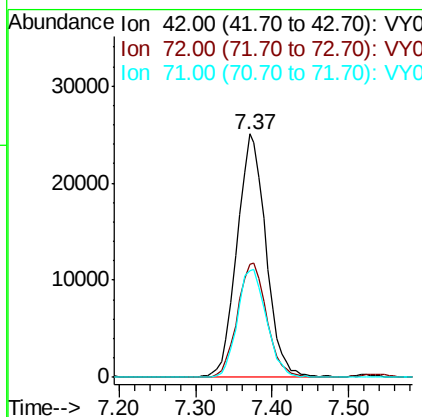
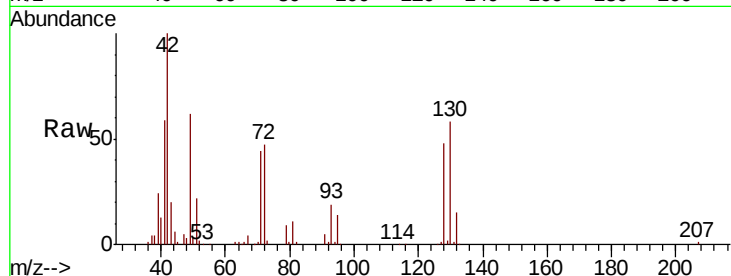
#29
Tetrahydrofuran
Concen: 89.503 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.4	56.2
71	44.5	35.0	52.4

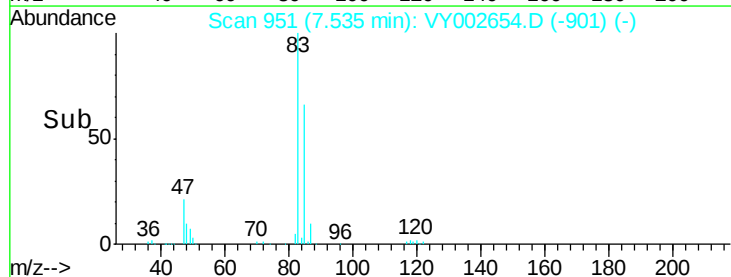
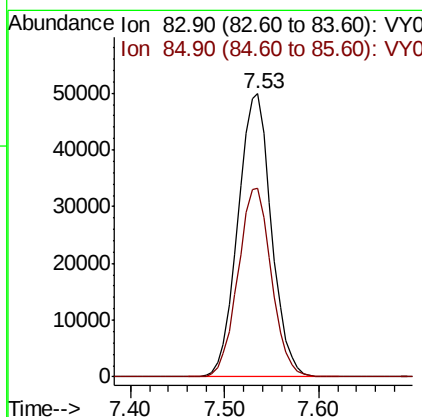
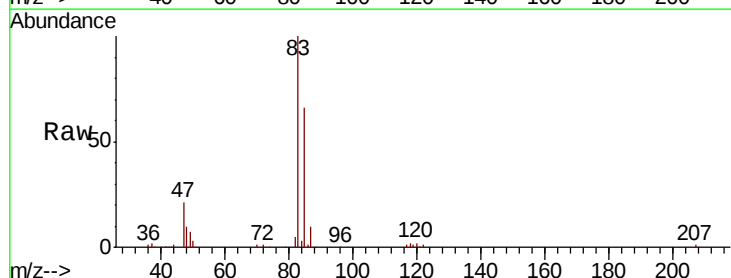
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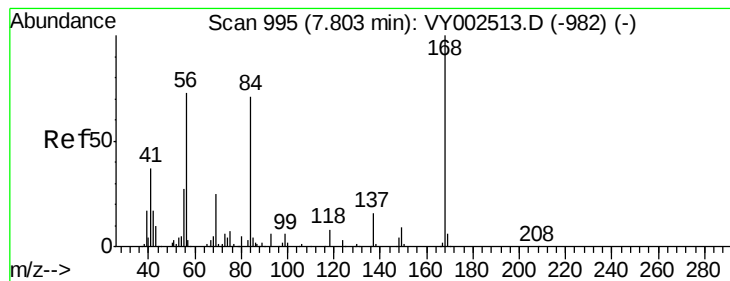
MMDadoda
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#30
Chloroform
Concen: 20.239 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.5	77.3





#31

Cvclohexane

Concen: 19.142 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

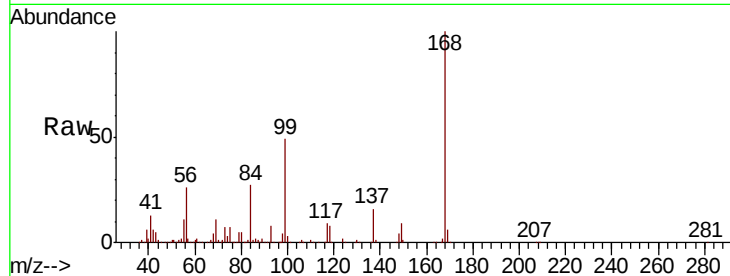
ClientSampleId :

VY0511SBS01

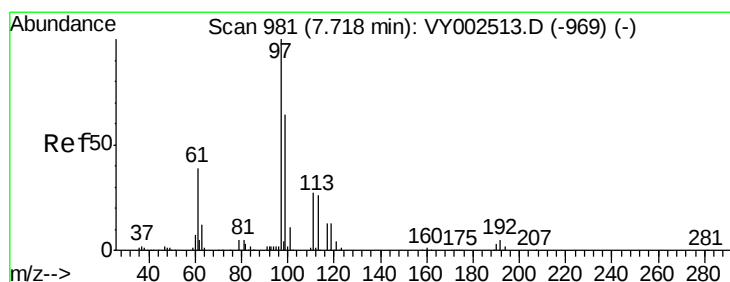
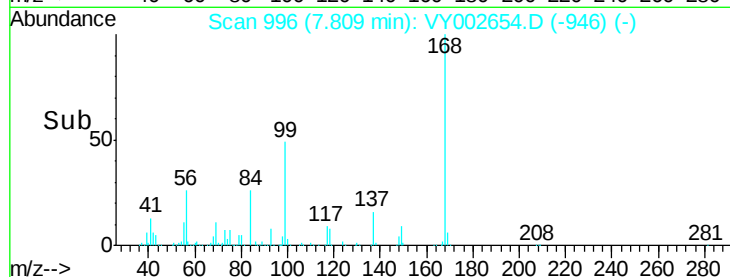
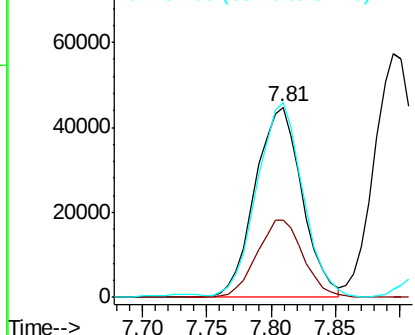
Tot Ion:	56	Resp:	113448
Ion	Ratio	Lower	Upper
56	100		
69	40.5	27.6	41.4
84	100.7	77.7	116.5

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.254 ug/l

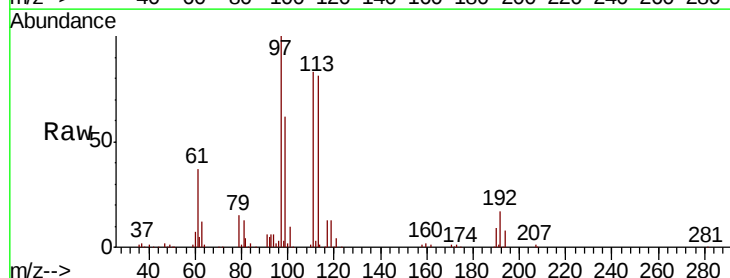
RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

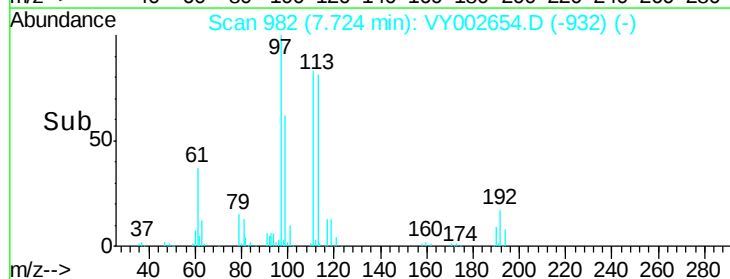
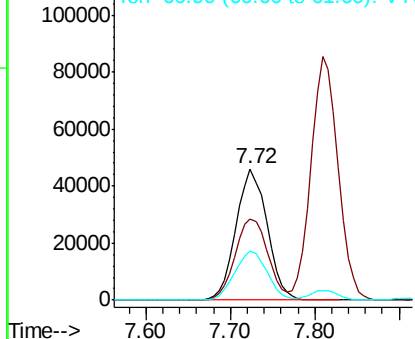
Lab File: VY002654.D

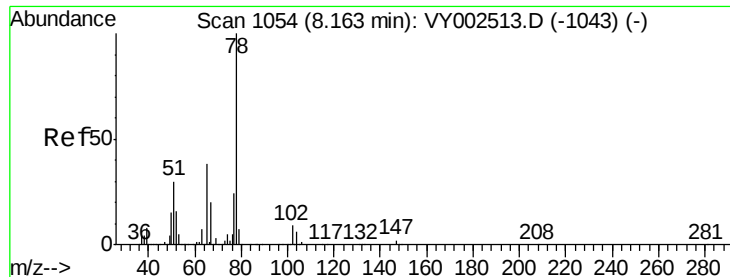
Acq: 11 May 2020 11:38

Tgt Ion:	97	Resp:	115251
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	38.5	31.0	46.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





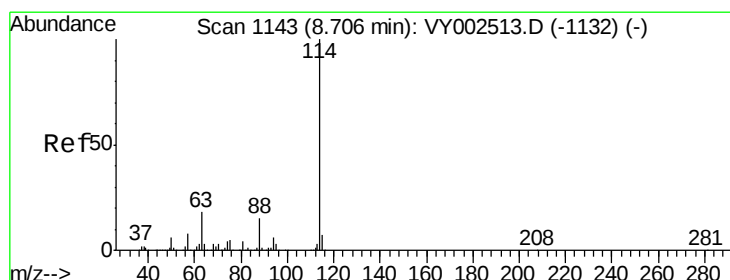
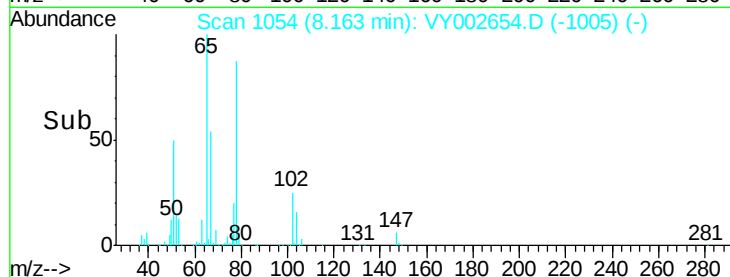
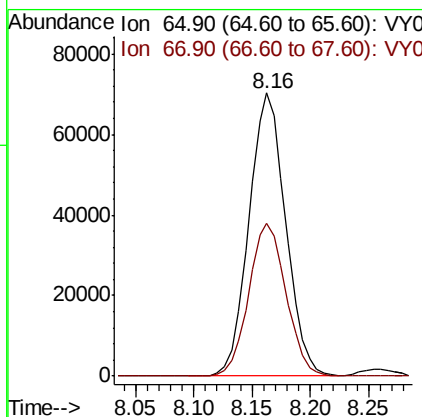
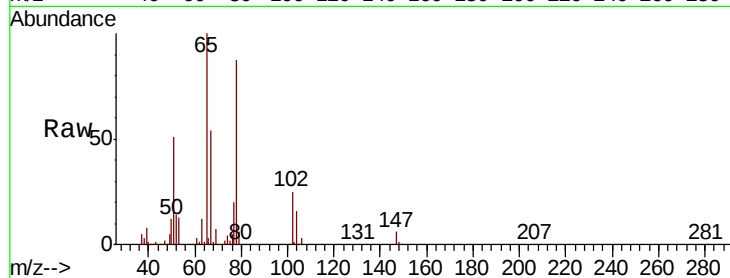
#33
 1,2-Dichloroethane-d4
 Concen: 46.518 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.7	0.0	107.2	

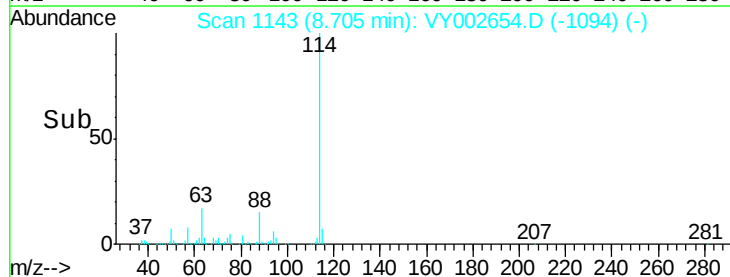
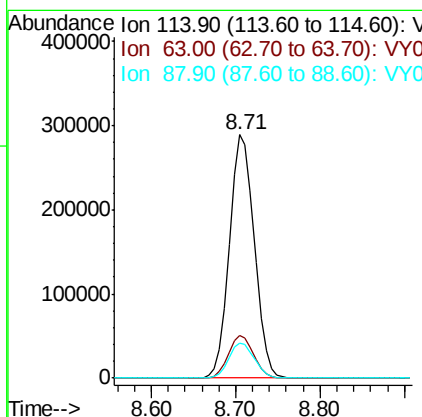
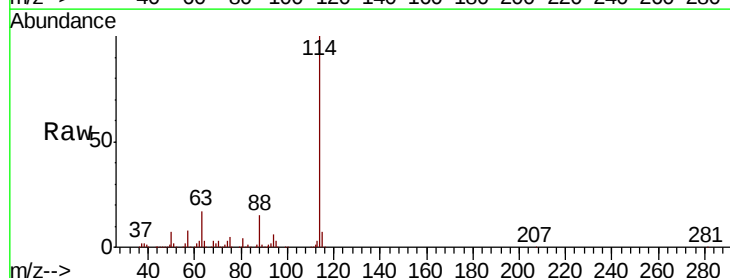
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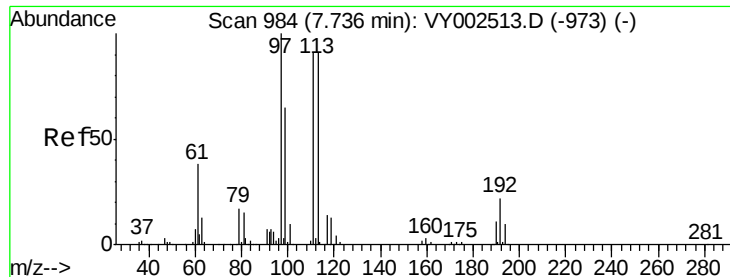
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.3	0.0	36.4	
88	14.6	0.0	29.6	





#35

Dibromofluoromethane

Concen: 52.094 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

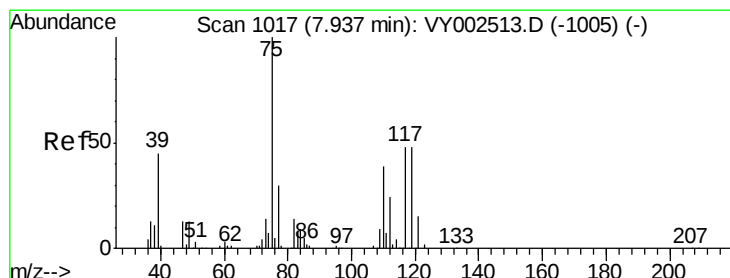
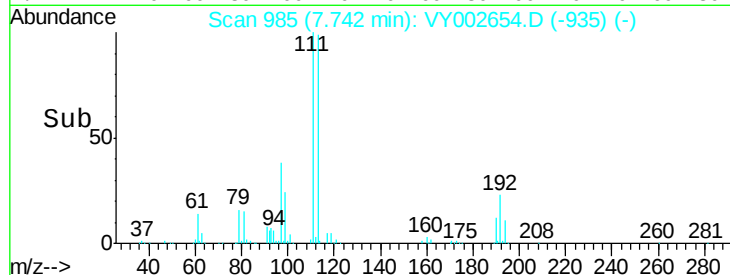
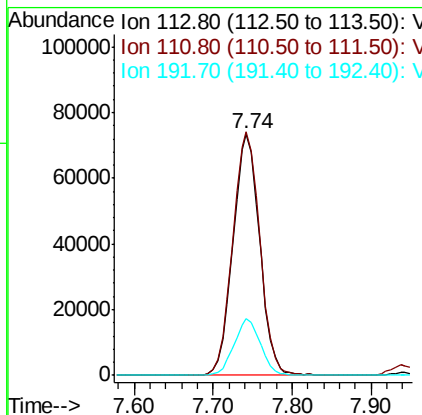
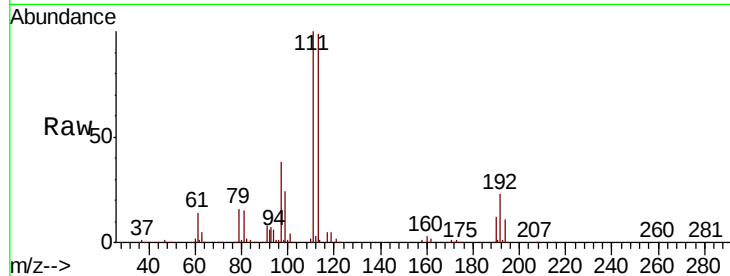
ClientSampleId :

VY0511SBS01

Tot Ion:113	Resp:	172385
Ion Ratio	Lower	Upper
113 100		
111 102.7	81.8	122.6
192 23.1	18.2	27.4

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5/12/2020 12:10:05 PM



#36

1,1-Dichloropropene

Concen: 20.086 ug/l

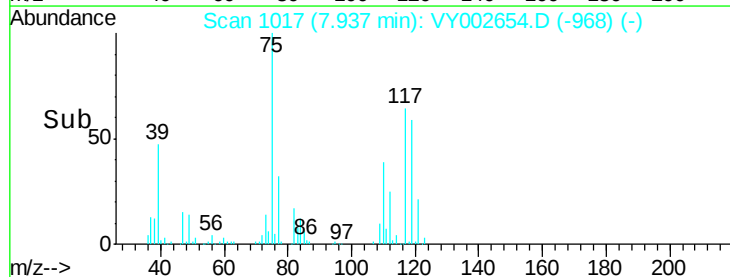
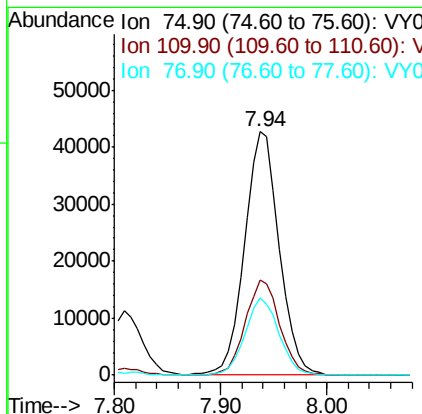
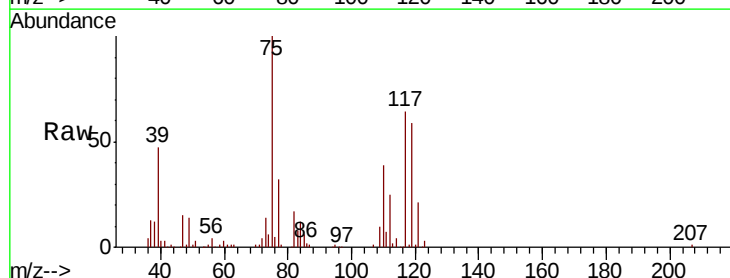
RT: 7.94 min Scan# 1017

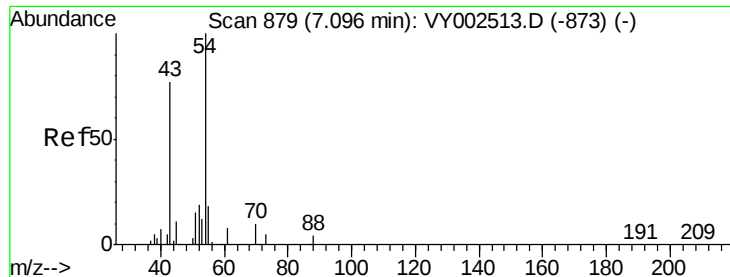
Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Tgt Ion: 75	Resp:	97428
Ion Ratio	Lower	Upper
75 100		
110 38.8	19.1	57.3
77 31.2	24.6	37.0





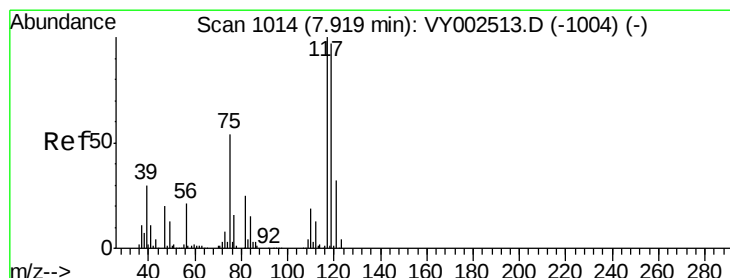
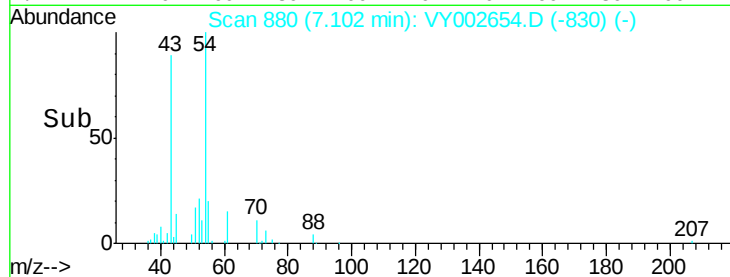
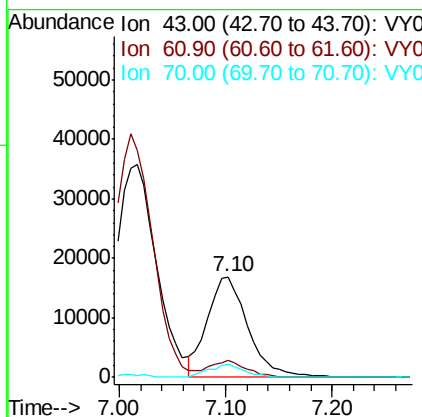
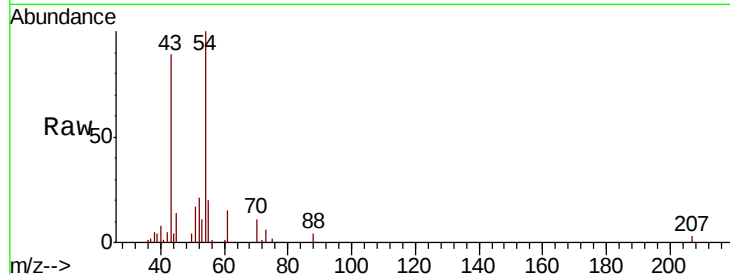
#37
Ethyl Acetate
Concen: 17.781 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion	43	61	70
Resp	44320	14.3	11.6
Ratio	100	11.6	9.0
Lower		11.6	9.0
Upper		17.4	13.6

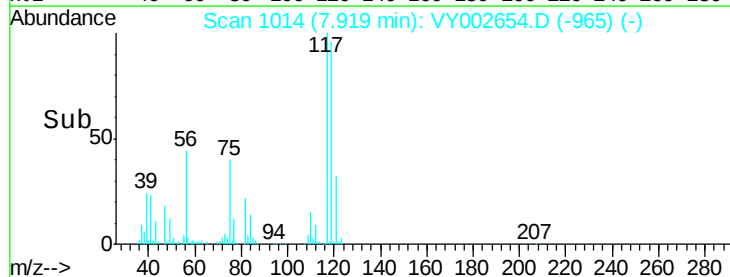
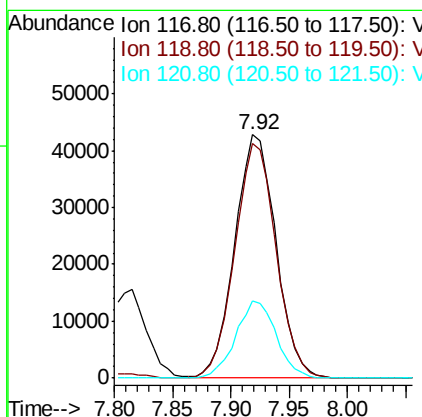
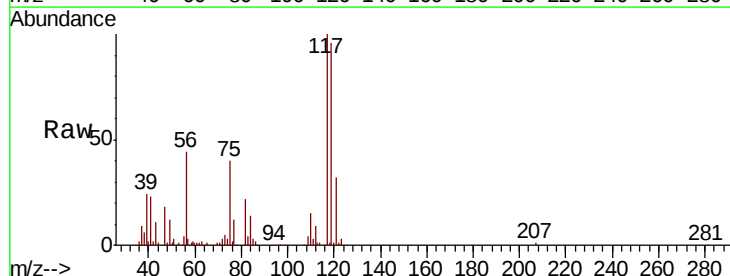
Manual Integrations
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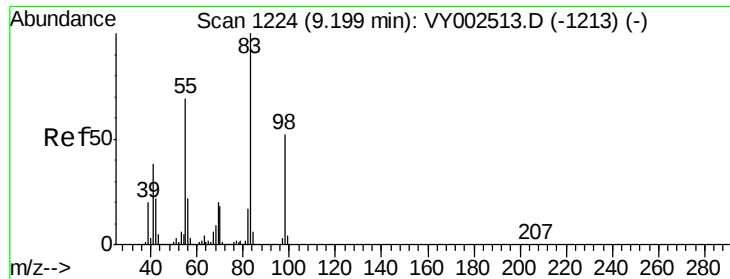
MMDadoda
5/12/2020 12:10:05 PM



#38
Carbon Tetrachloride
Concen: 19.970 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	117	119	121
Resp	105753	96.3	31.9
Ratio	100	77.1	25.2
Lower		77.1	25.2
Upper		115.7	37.8





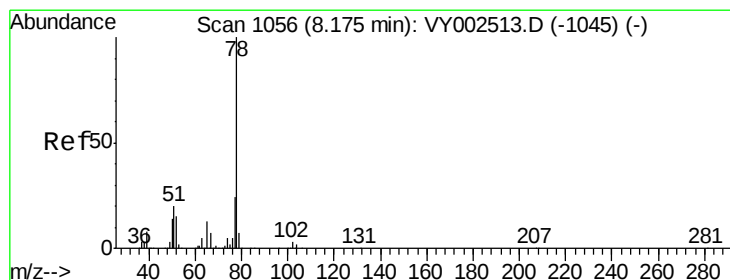
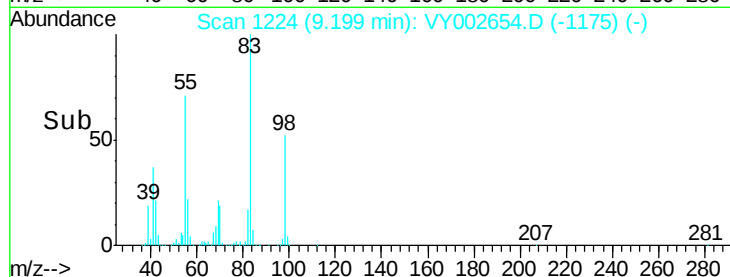
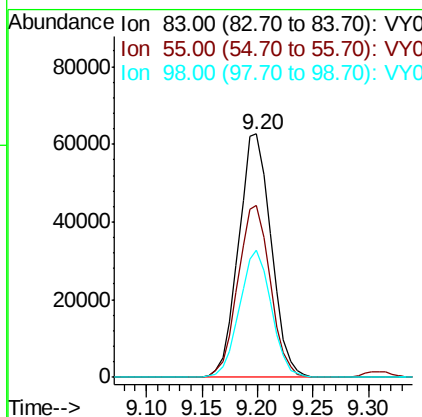
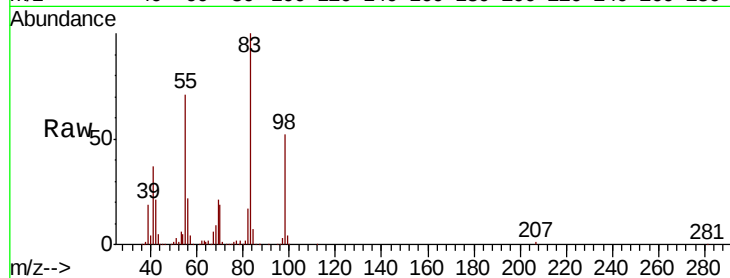
#39
Methvlcvclohexane
Concen: 19.908 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.6	55.4	83.0
98	52.1	41.3	61.9

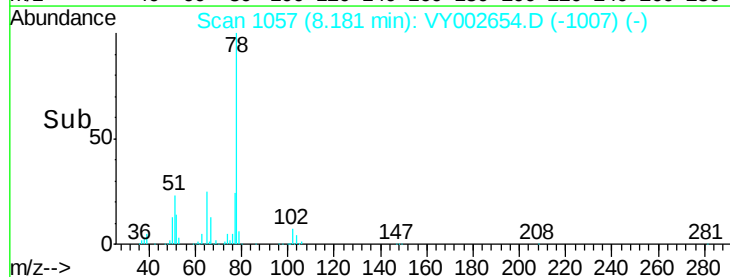
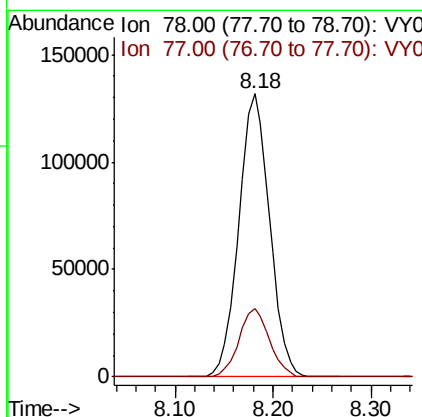
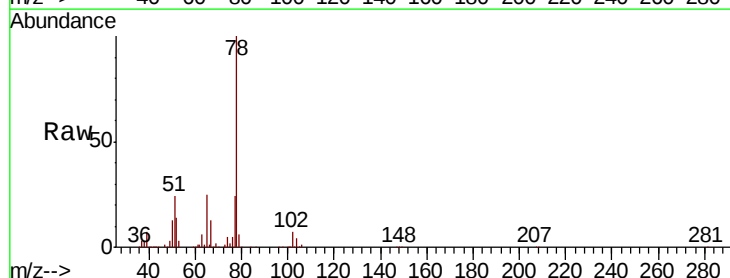
Manual Integrations
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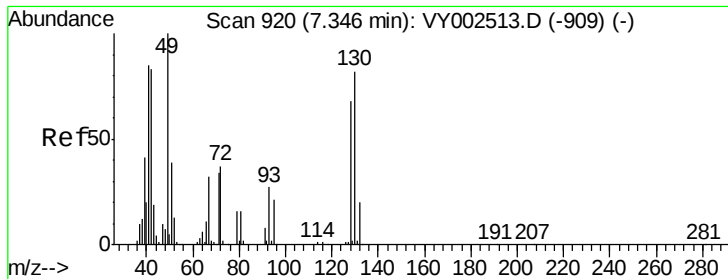
MMDadoda
5/12/2020 12:10:05 PM



#40
Benzene
Concen: 20.529 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8





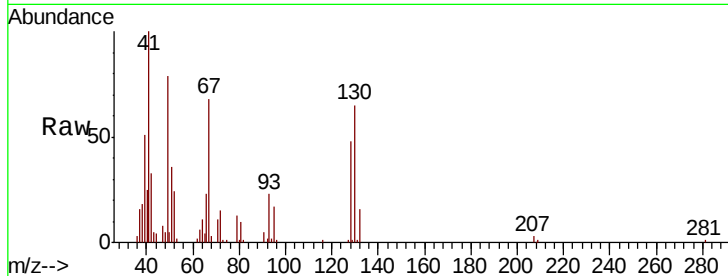
#41
Methacrylonitrile
Concen: 17.381 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

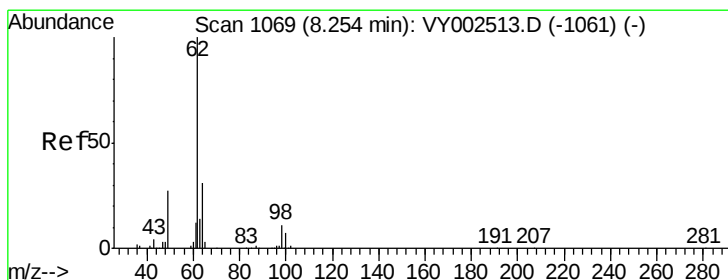
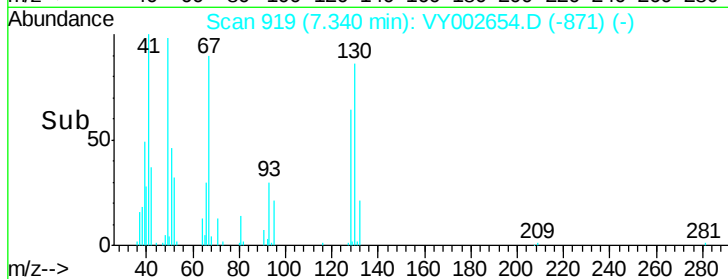
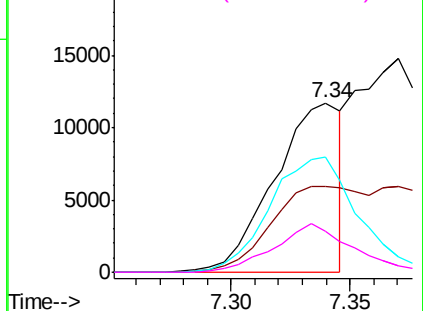
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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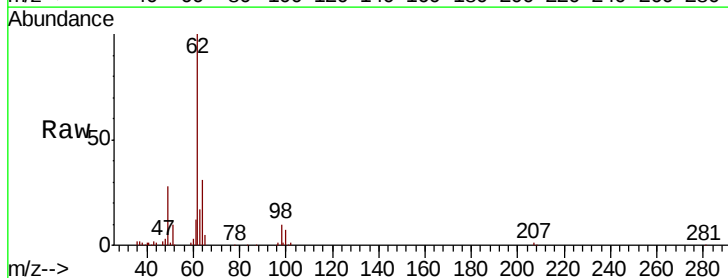


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

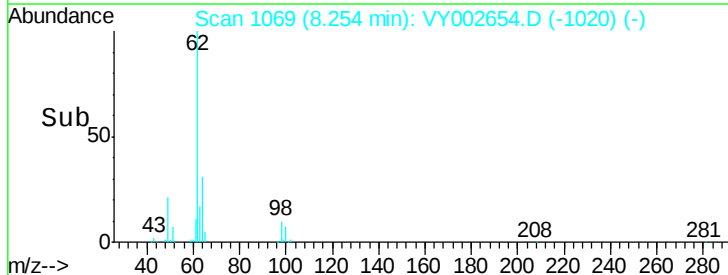
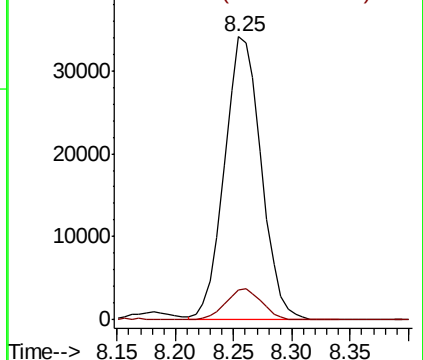


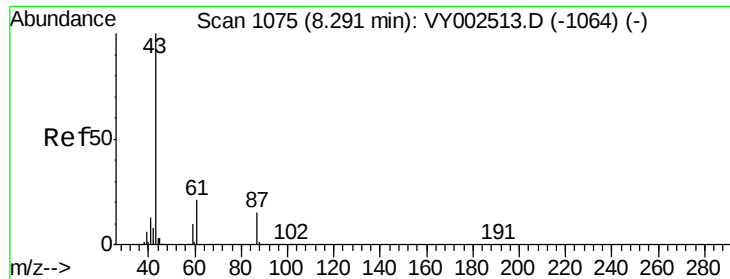
#42
1,2-Dichloroethane
Concen: 18.984 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0



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





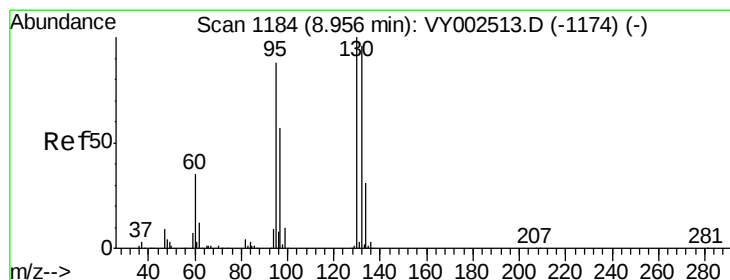
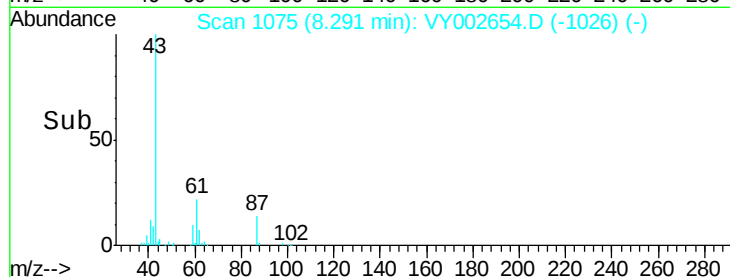
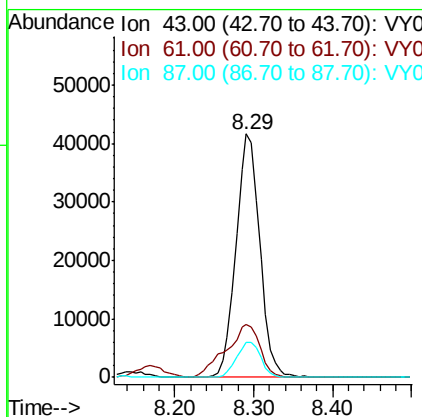
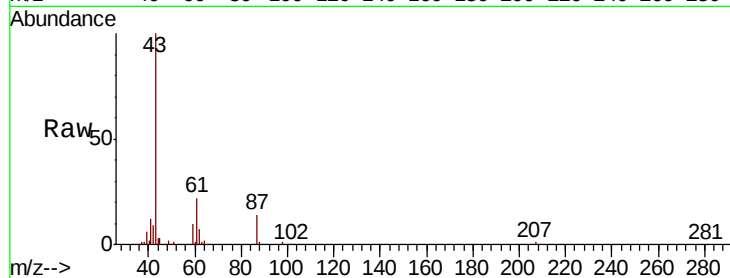
#43
Isopropyl Acetate
Concen: 18.764 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.8	37.2
87	14.9	12.2	18.2

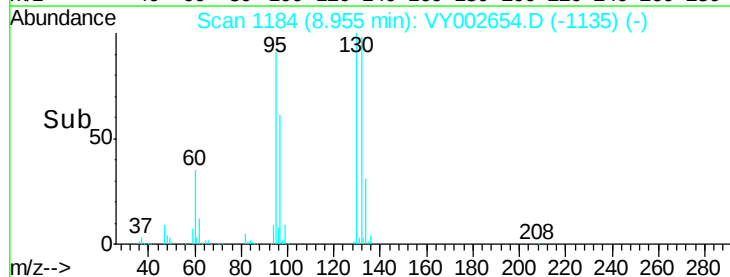
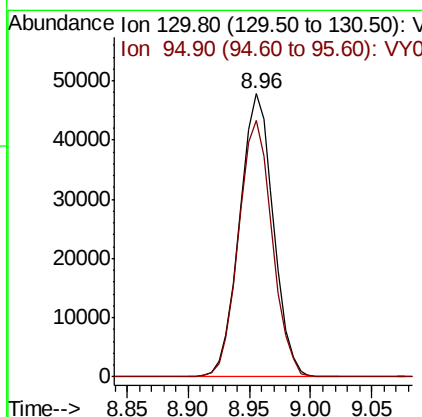
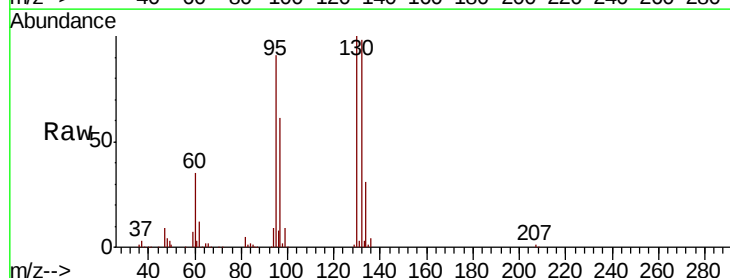
Manual Integrations
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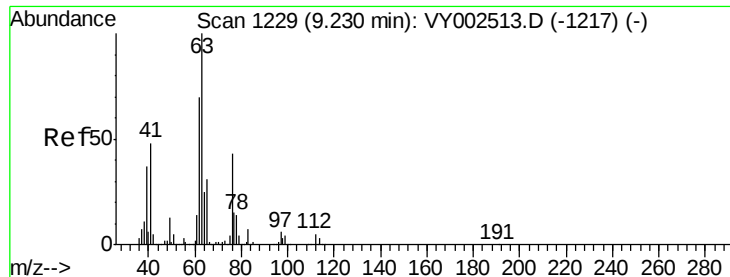
MMDadoda
5/12/2020 12:10:05 PM



#44
Trichloroethene
Concen: 20.952 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	175.8





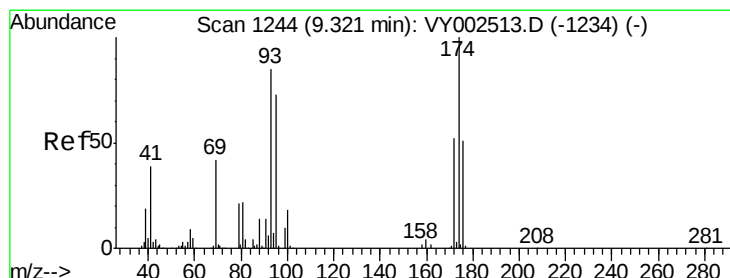
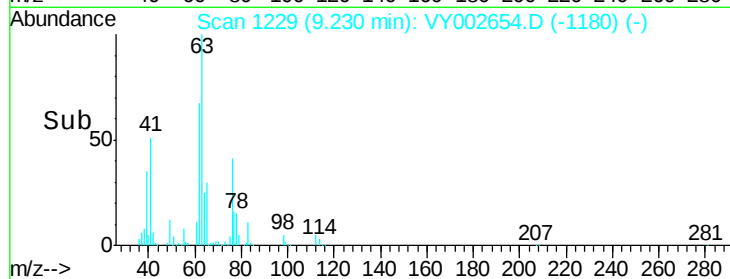
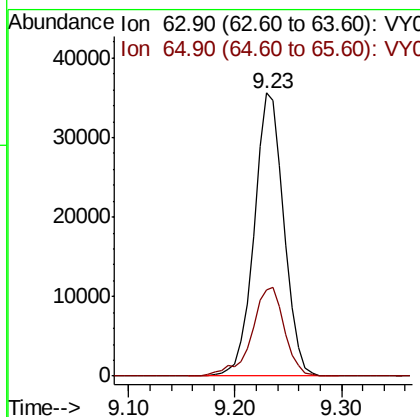
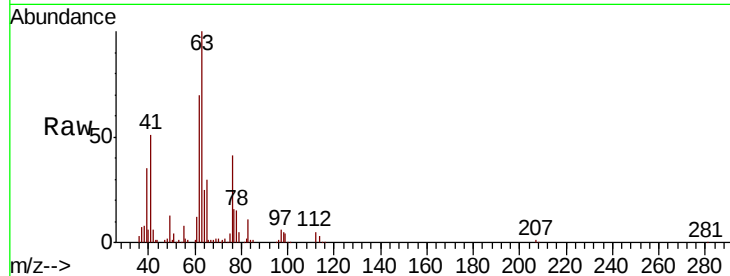
#45
 1,2-Dichloropropane
 Concen: 20.567 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.5	36.7

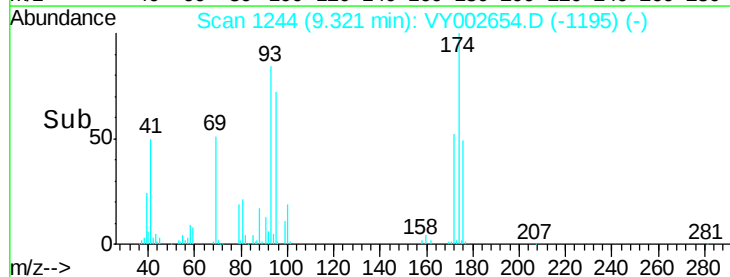
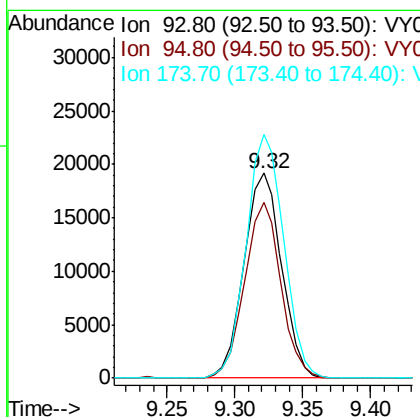
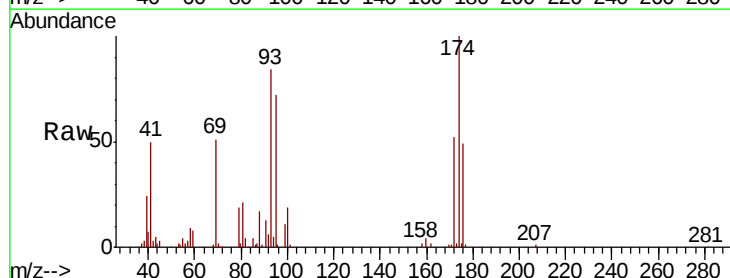
Manual Integrations
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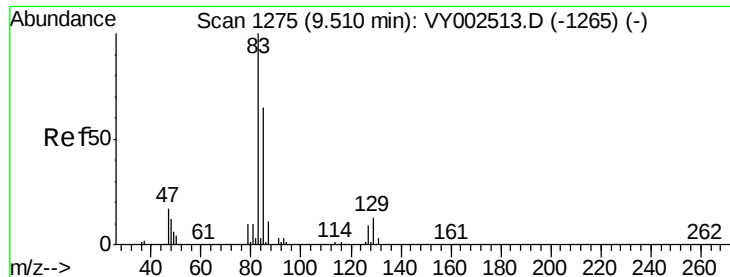
MMDadoda
 5/12/2020 12:10:05 PM



#46
 Dibromomethane
 Concen: 19.160 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.0	100.4
174	118.7	92.7	139.1





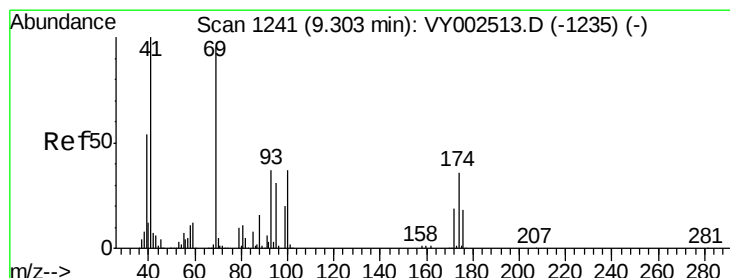
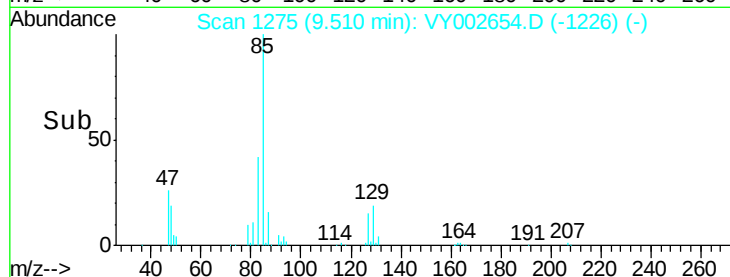
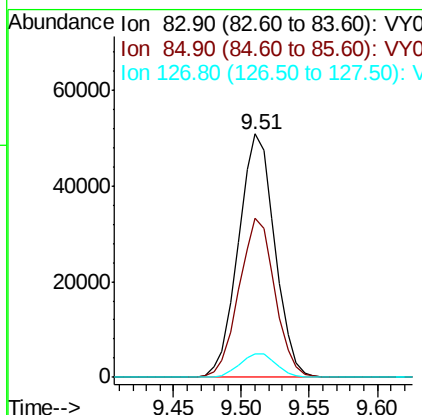
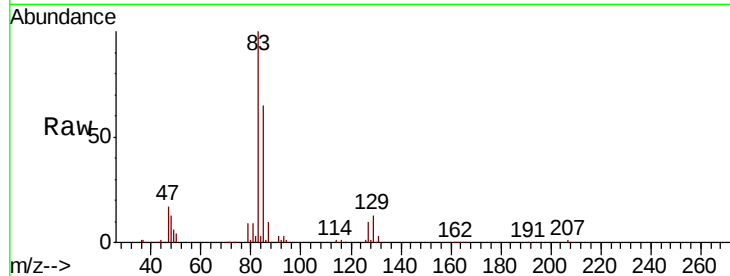
#47
Bromodichloromethane
Concen: 20.068 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion	83	Resp	94925
Ion Ratio	100		
83	100		
85	65.3	51.8	77.8
127	9.7	7.4	11.0

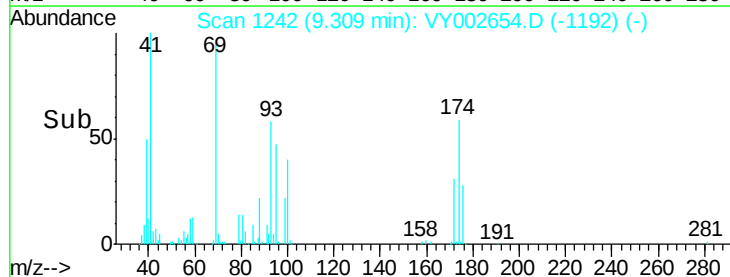
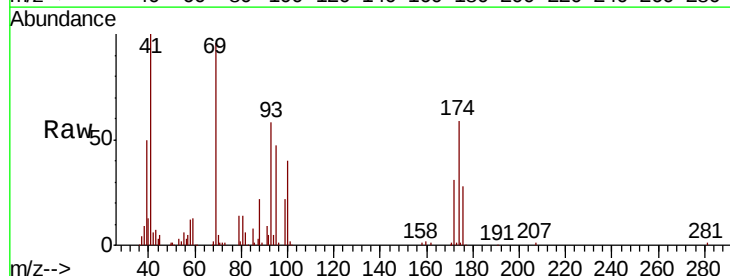
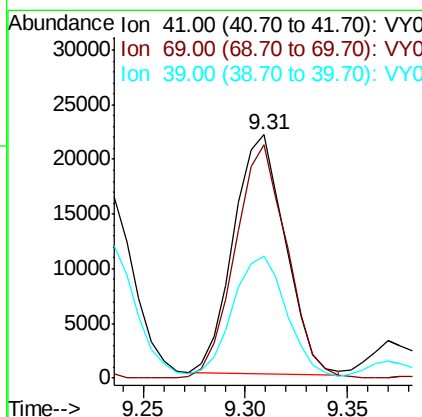
Manual Integrations
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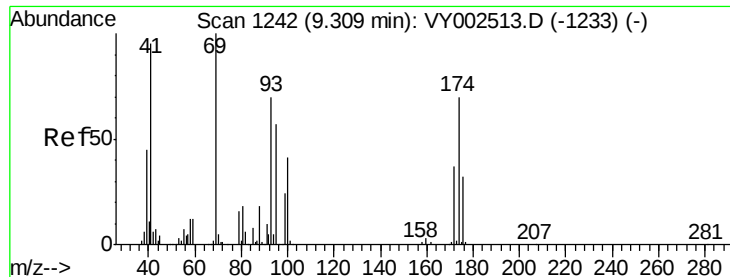
MMDadoda
5/12/2020 12:10:05 PM



#48
Methyl methacrylate
Concen: 18.327 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	41	Resp	38758
Ion Ratio	100		
41	100		
69	97.4	76.2	114.4
39	53.4	42.7	64.1





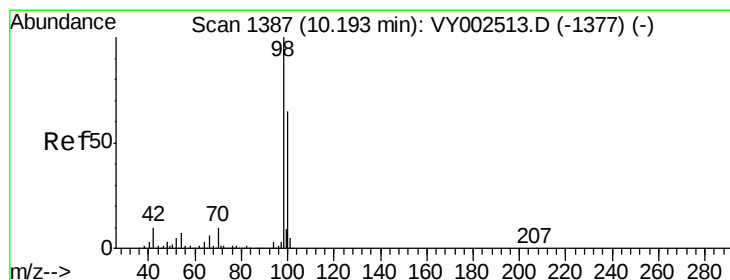
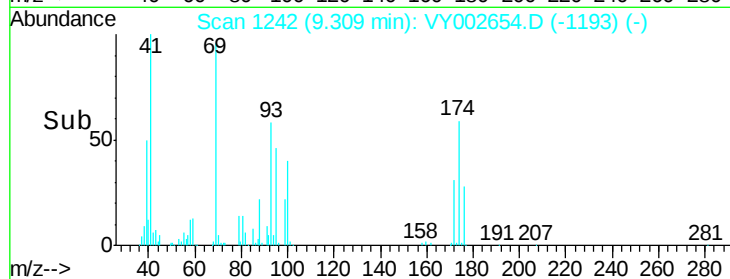
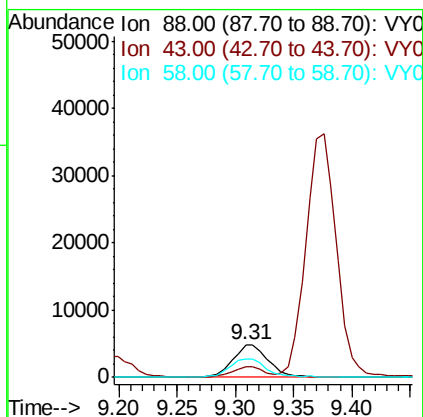
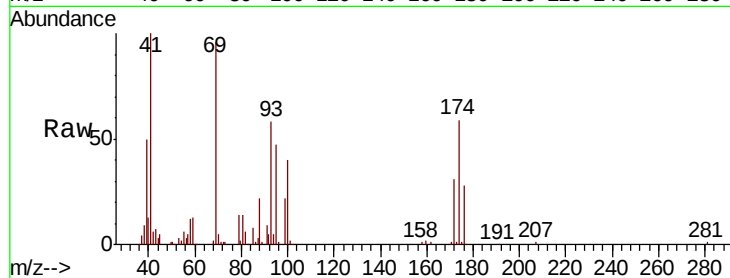
#49
1,4-Dioxane
Concen: 401.206 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	22.8	34.2
58	58.1	51.4	77.2

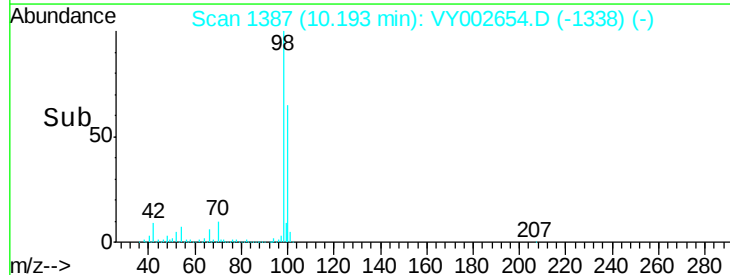
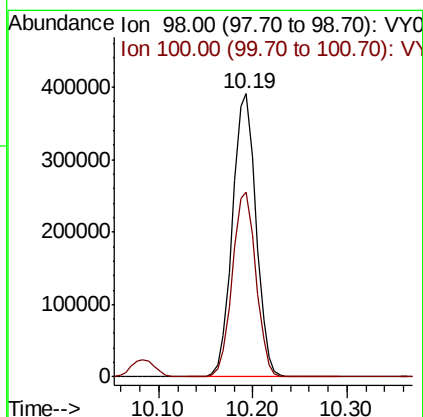
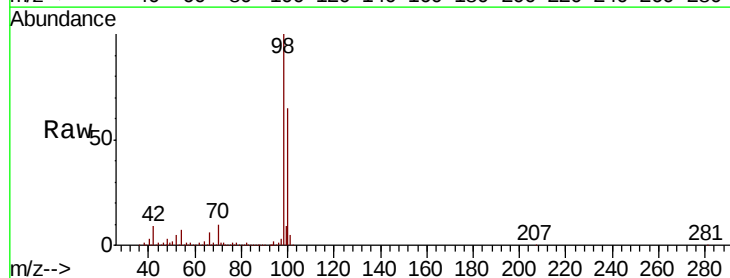
Manual Integrations
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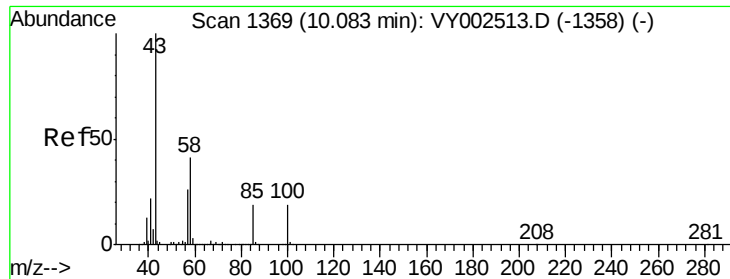
MMDadoda
5/12/2020 12:10:05 PM



#50
Toluene-d8
Concen: 52.443 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 94.395 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tot Ion: 43 Resp: 227359

Ion Ratio Lower Upper

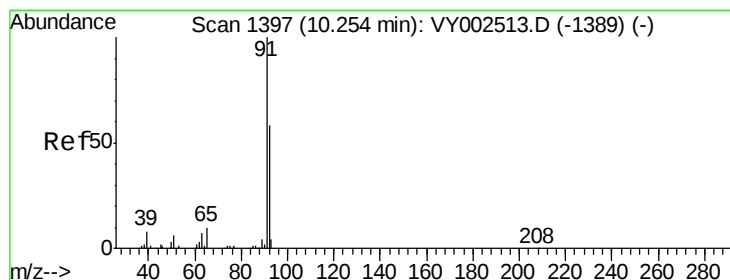
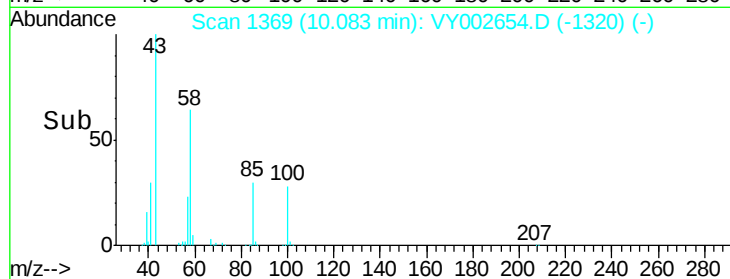
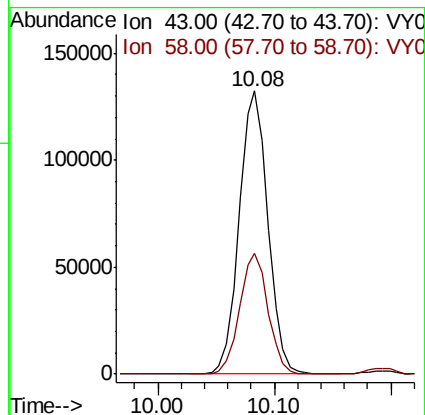
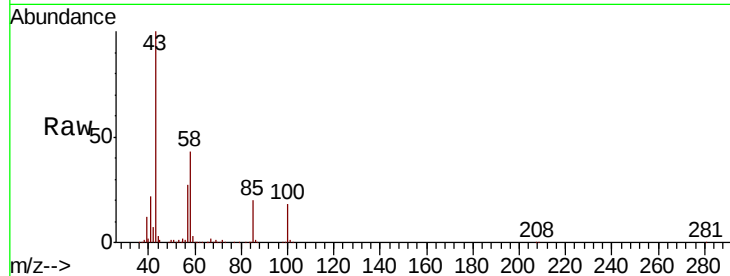
43 100

58 42.2 33.2 49.8

Manual Integrations
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MMDadoda

5/12/2020 12:10:05 PM



#52

Toluene

Concen: 20.368 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY002654.D

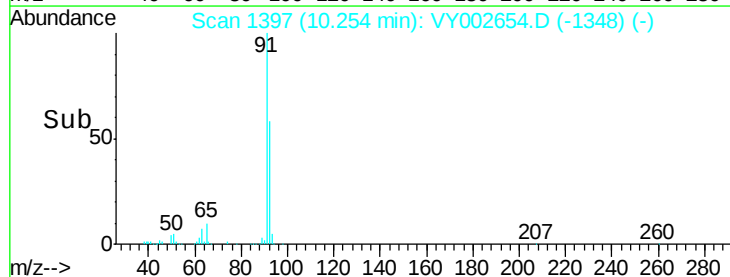
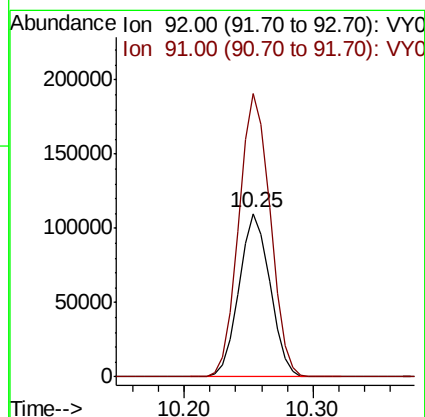
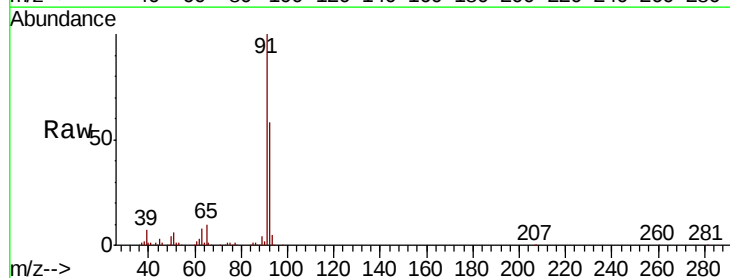
Acq: 11 May 2020 11:38

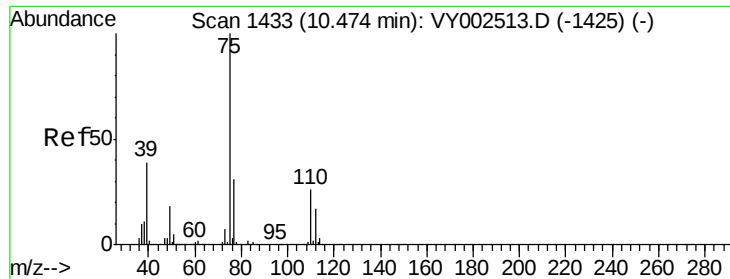
Tgt Ion: 92 Resp: 183381

Ion Ratio Lower Upper

92 100

91 175.5 139.3 208.9





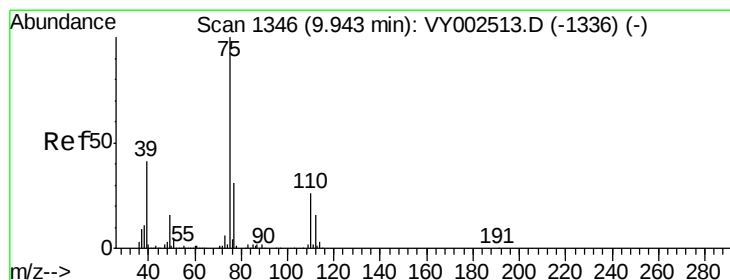
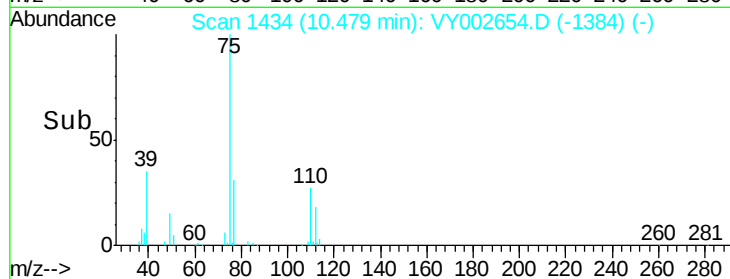
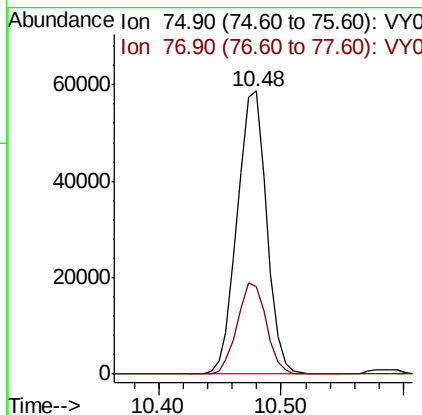
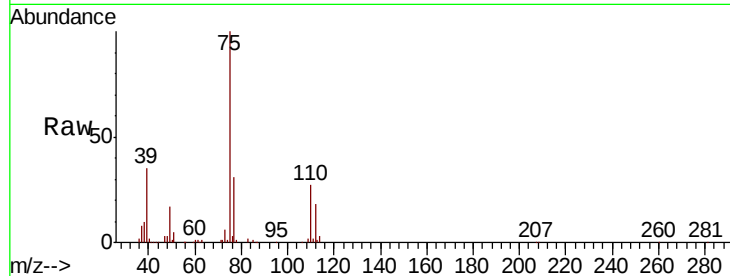
#53
 t-1,3-Dichloropropene
 Concen: 19.728 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Tot Ion: 75 Resp: 97775
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.6

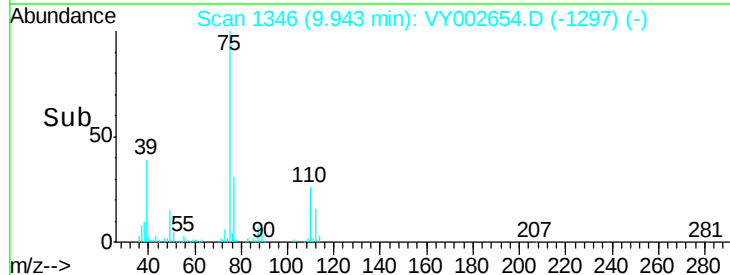
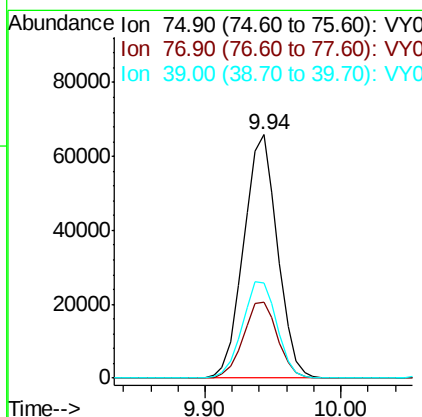
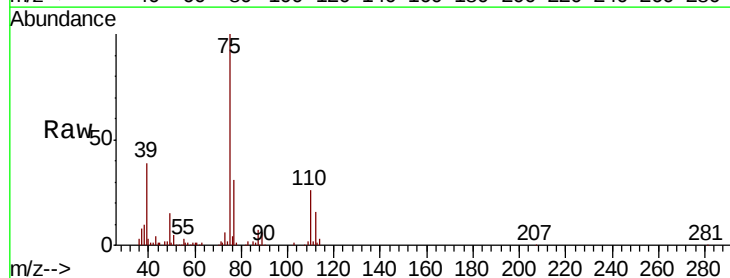
Manual Integrations
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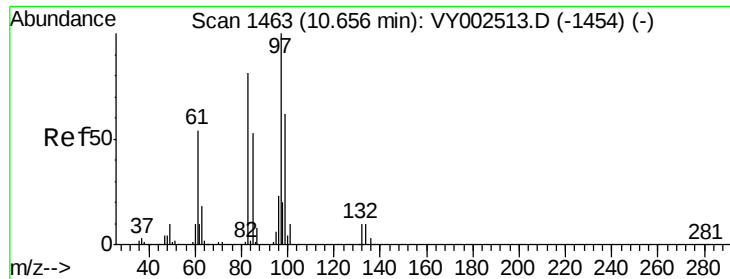
MMDadoda
 5/12/2020 12:10:05 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.937 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion: 75 Resp: 114227
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 39.0 32.7 49.1





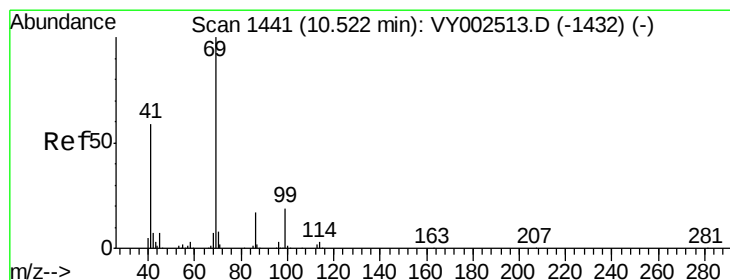
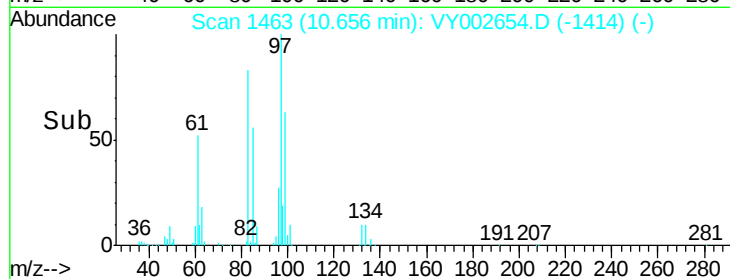
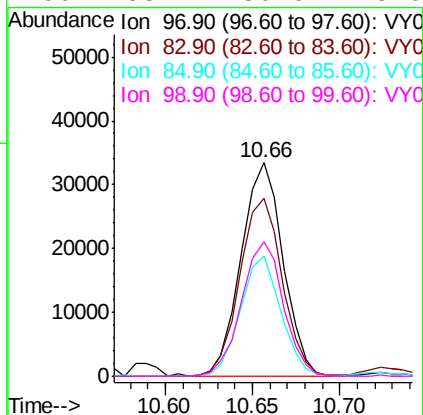
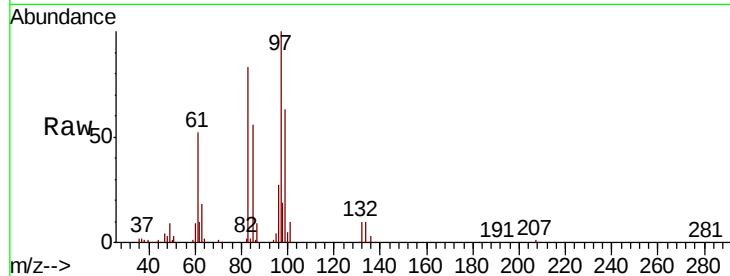
#55
 1,1,2-Trichloroethane
 Concen: 19.651 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Tot Ion:	97	Resp:	55747
Ion	Ratio	Lower	Upper
97	100		
83	83.5	65.1	97.7
85	56.0	42.7	64.1
99	63.2	50.0	75.0

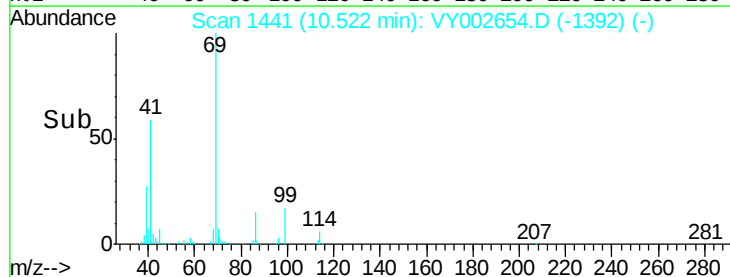
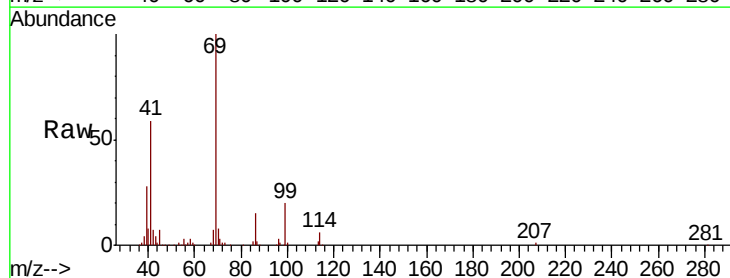
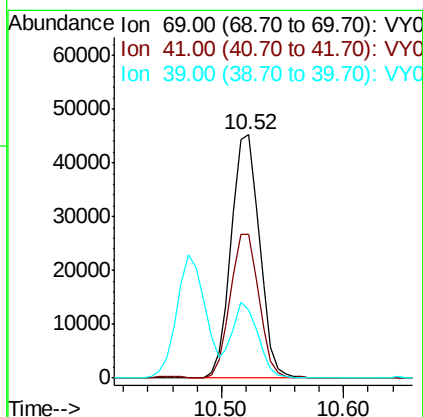
Manual Integrations
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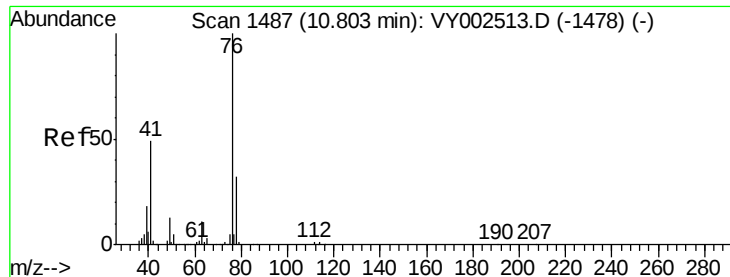
MMDadoda
 5/12/2020 12:10:05 PM



#56
 Ethyl methacrylate
 Concen: 19.217 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion:	69	Resp:	72523
Ion	Ratio	Lower	Upper
69	100		
41	59.5	48.6	73.0
39	29.0	25.0	37.4





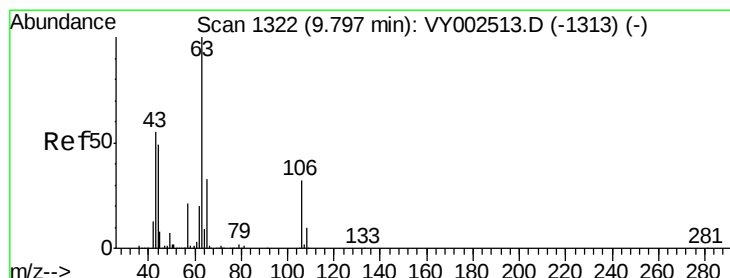
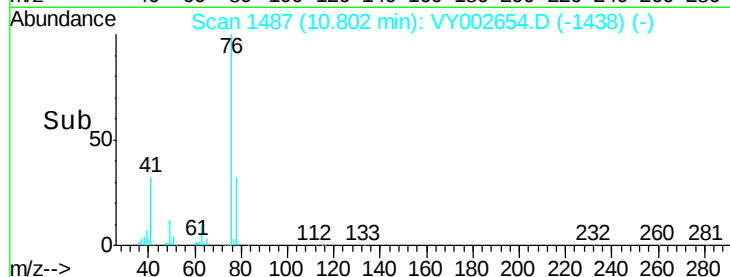
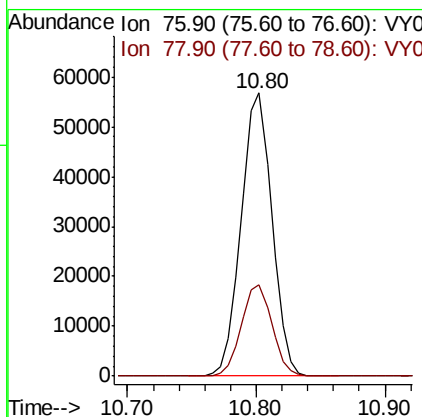
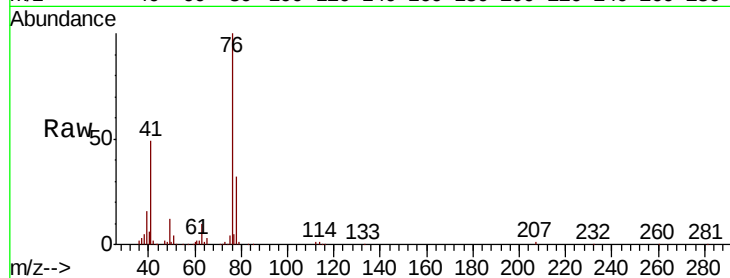
#57
 1,3-Dichloropropane
 Concen: 19.516 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.4	38.2

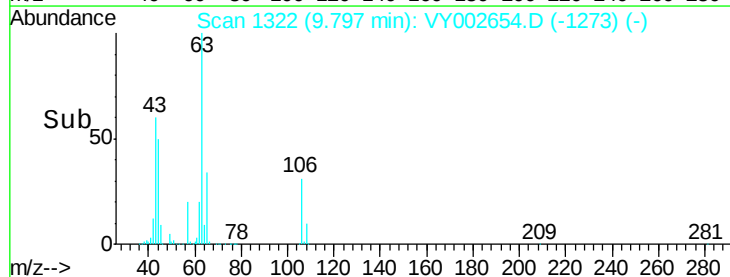
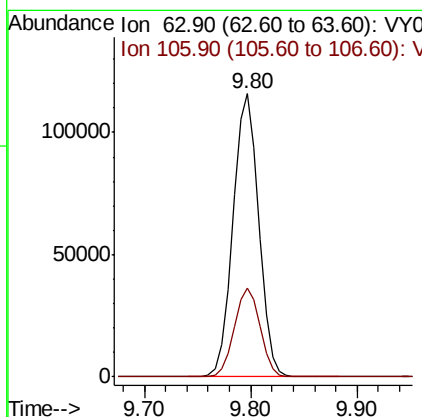
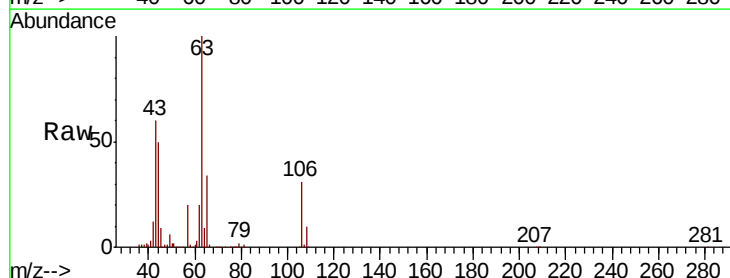
Manual Integrations
 APPROVED

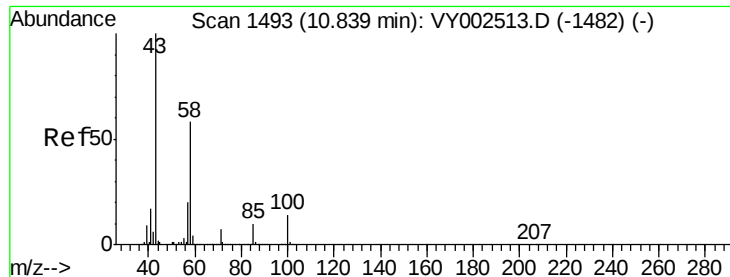
MMDadoda
 5/12/2020 12:10:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.667 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	25.2	37.8





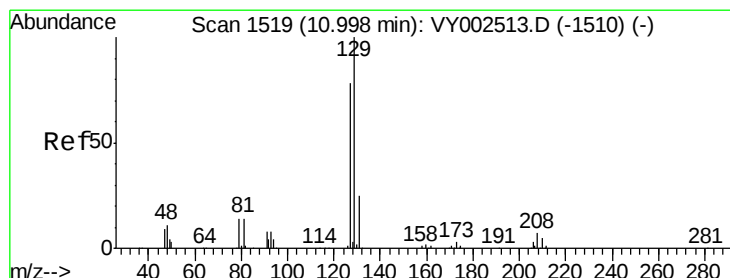
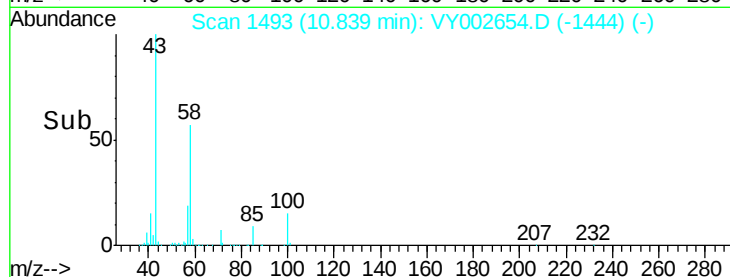
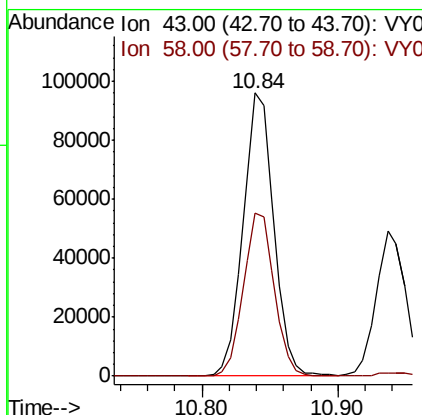
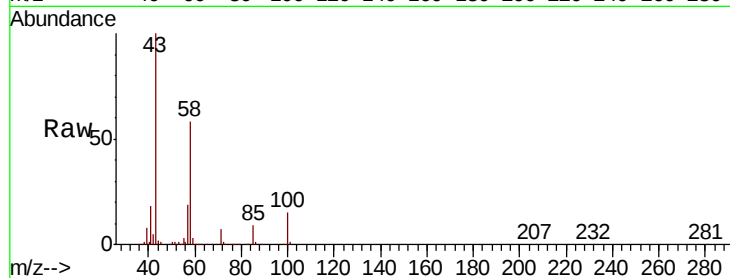
#59
2-Hexanone
Concen: 91.287 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

Tot Ion: 43 Resp: 151333
Ion Ratio Lower Upper
43 100
58 58.0 29.1 87.3

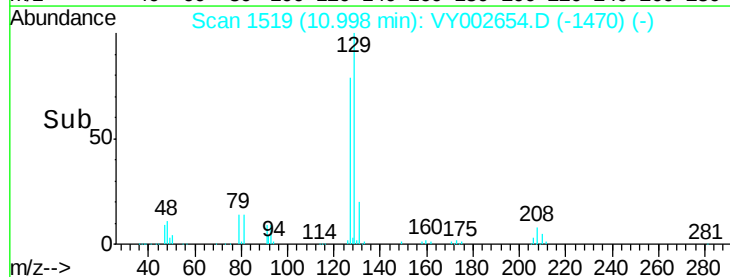
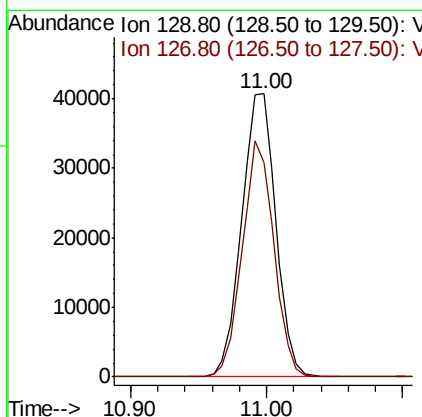
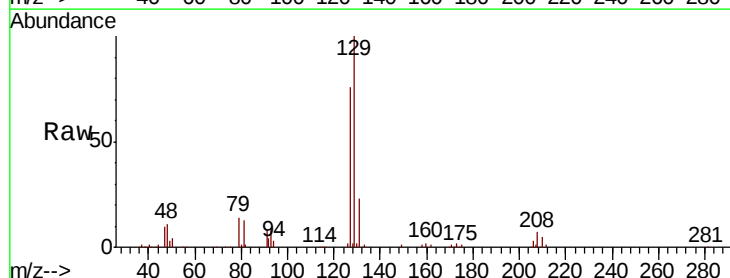
Manual Integrations
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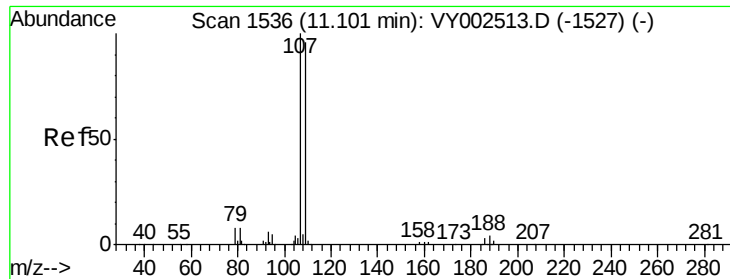
MMDadoda
5/12/2020 12:10:05 PM



#60
Dibromochloromethane
Concen: 19.843 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 129 Resp: 71598
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





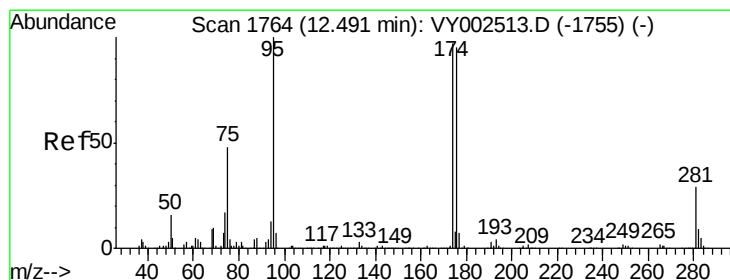
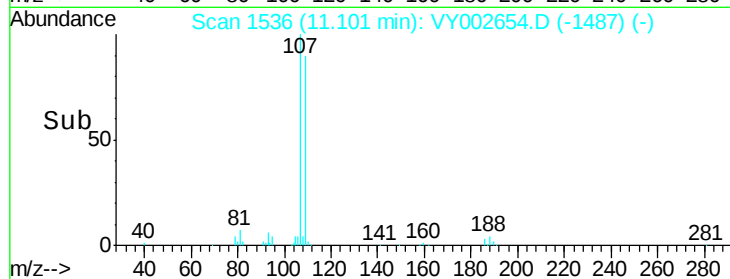
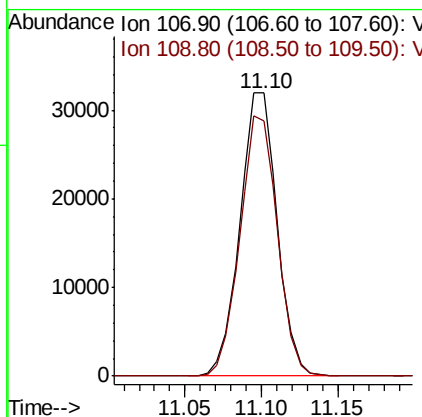
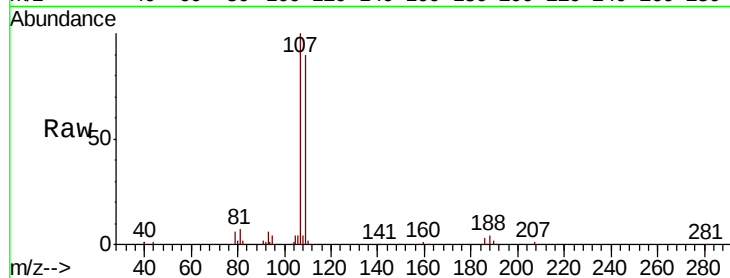
#61
 1,2-Dibromoethane
 Concen: 19.178 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.8	113.8

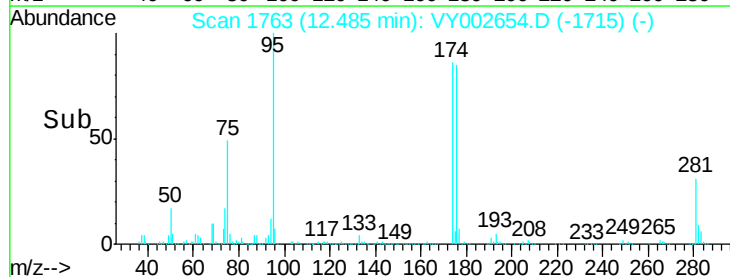
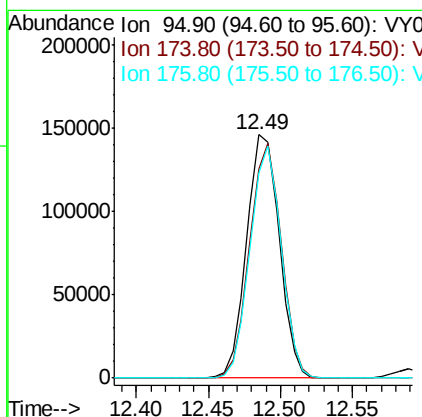
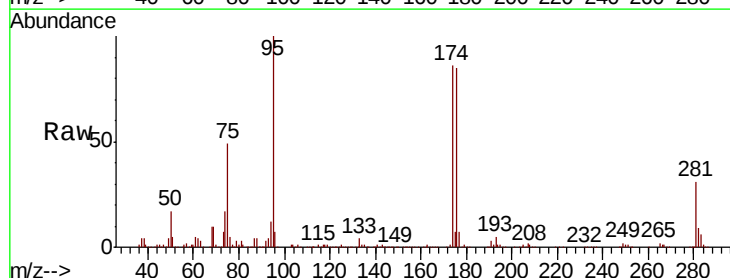
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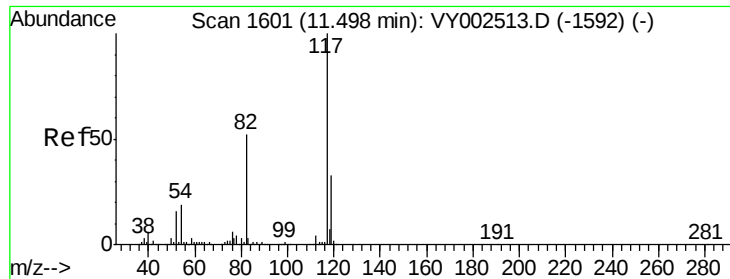
MMDadoda
 5/12/2020 12:10:05 PM



#62
 4-Bromofluorobenzene
 Concen: 52.233 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	188.8
176	91.2	0.0	183.2





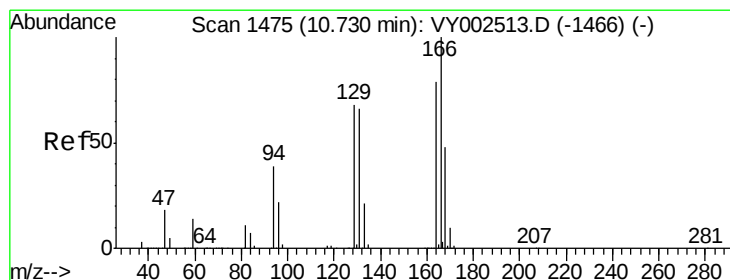
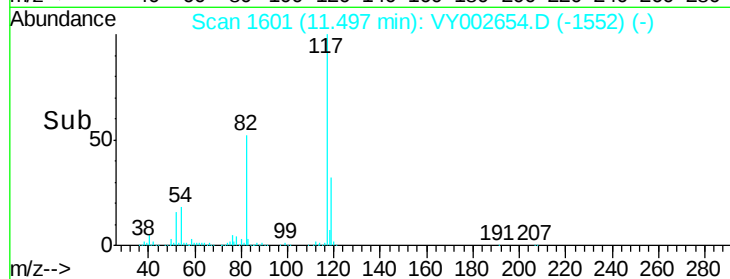
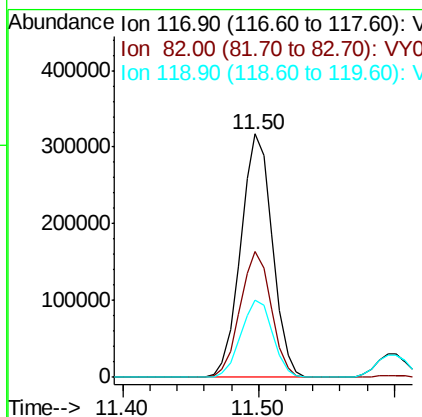
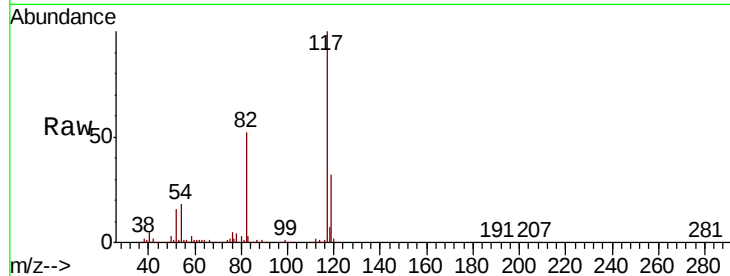
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.3	61.9
119	32.0	26.0	39.0

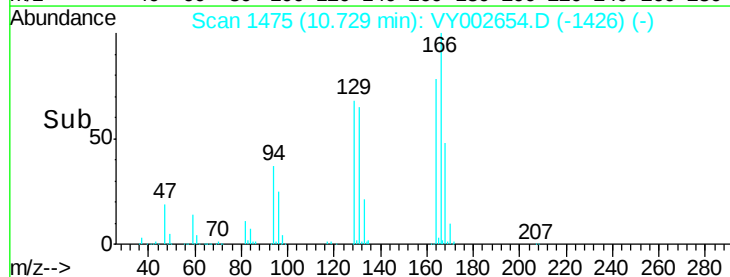
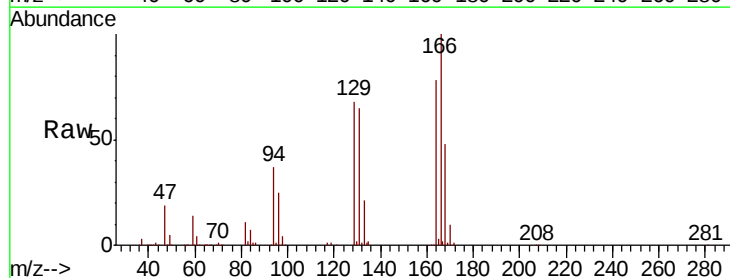
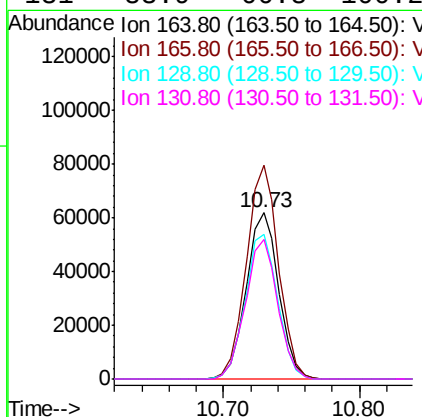
Manual Integrations
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5/12/2020 12:10:05 PM



#64
Tetrachloroethene
Concen: 22.691 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	100.7	151.1
129	87.1	68.3	102.5
131	83.9	66.8	100.2





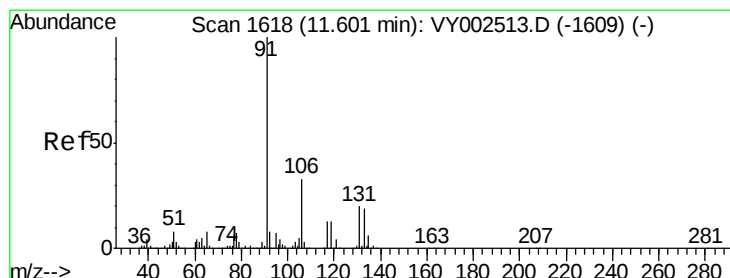
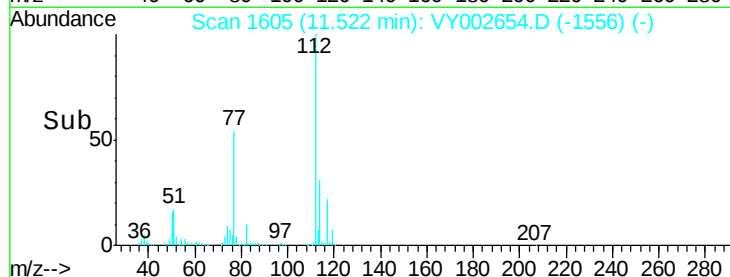
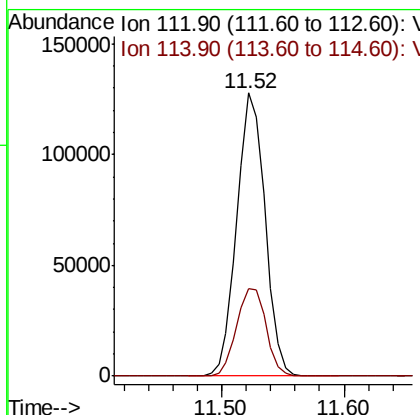
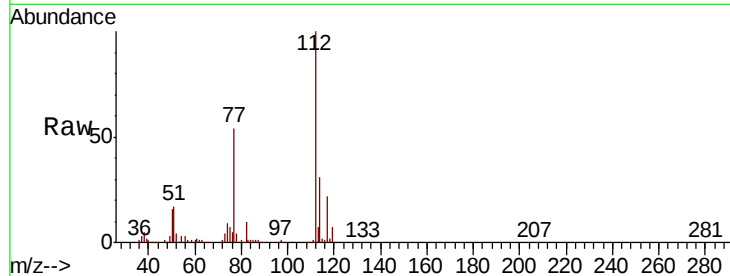
#65
Chlorobenzene
Concen: 20.941 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.8	38.6

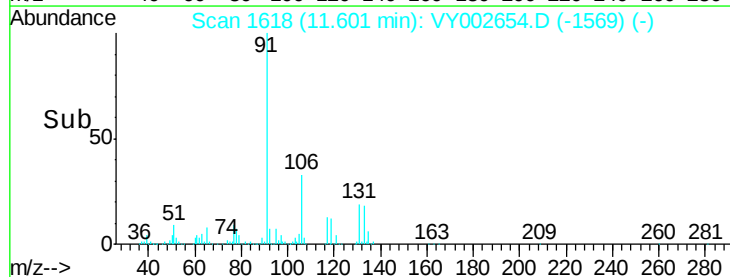
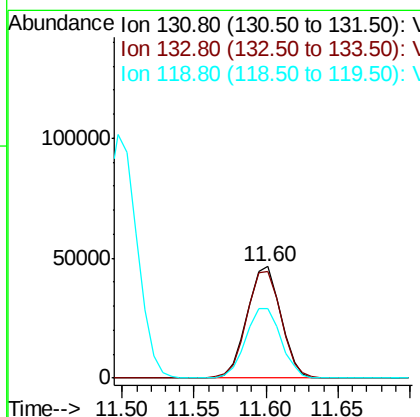
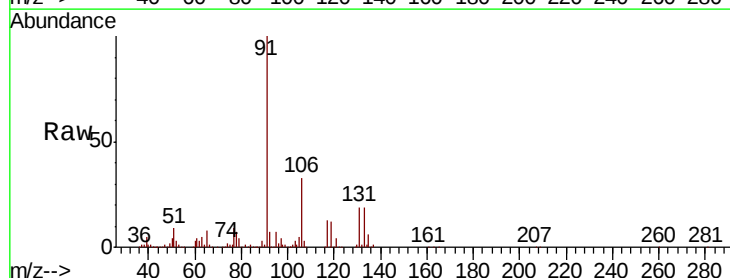
Manual Integrations
APPROVED

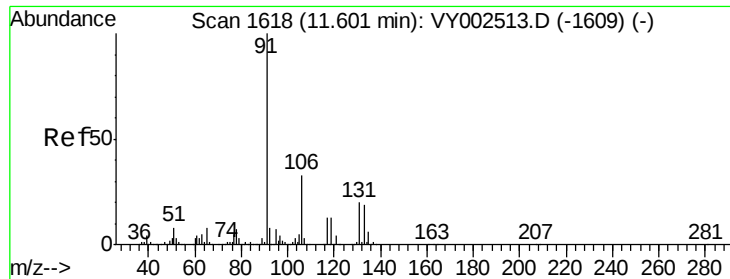
MMDadoda
5/12/2020 12:10:05 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.805 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.3	48.1	144.4
119	65.3	31.6	95.0





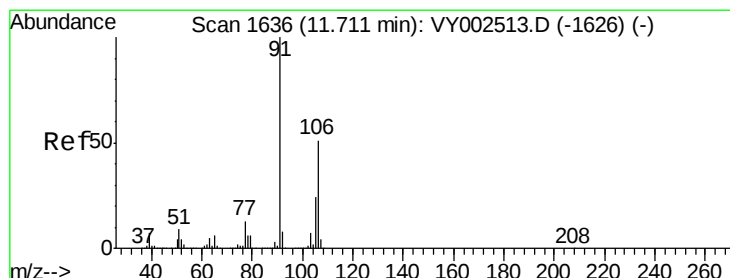
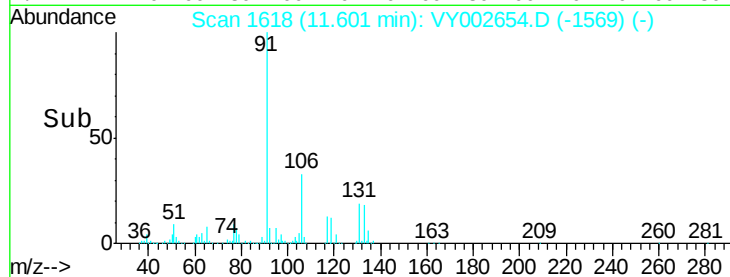
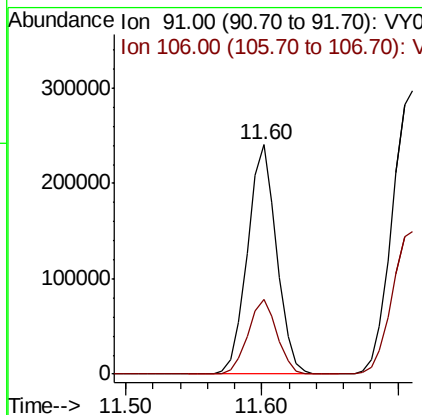
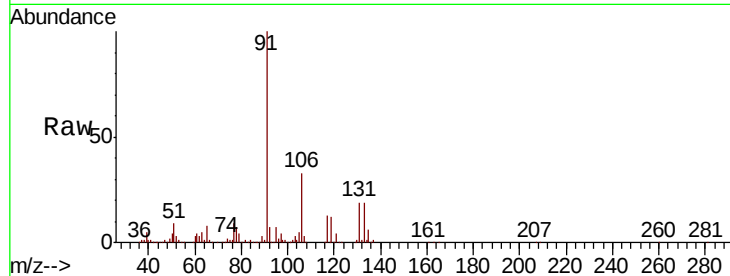
#67
Ethyl Benzene
Concen: 21.053 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion: 91 Resp: 360966
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1

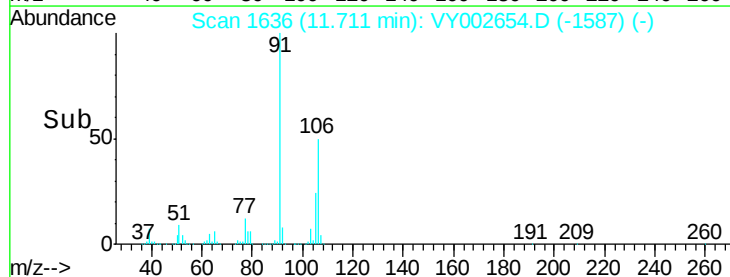
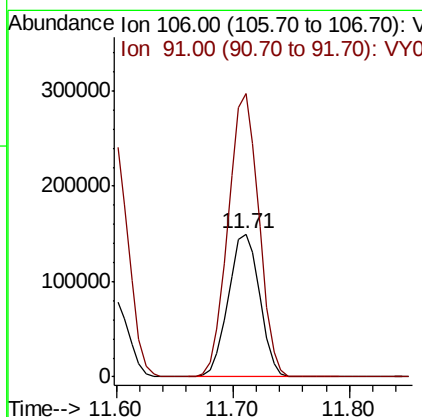
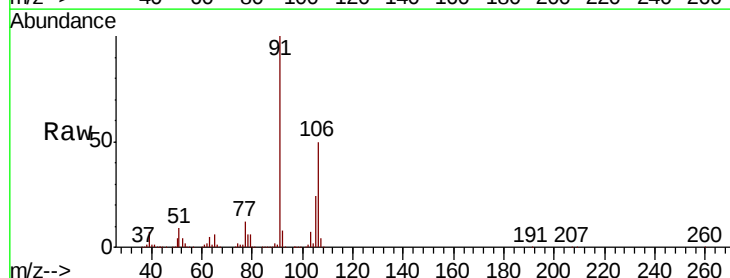
Manual Integrations
APPROVED

MMDadoda
5/12/2020 12:10:05 PM



#68
m/p-Xylenes
Concen: 42.253 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 106 Resp: 280302
Ion Ratio Lower Upper
106 100
91 194.3 155.2 232.8





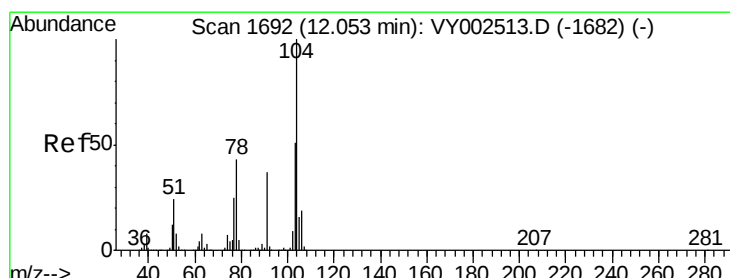
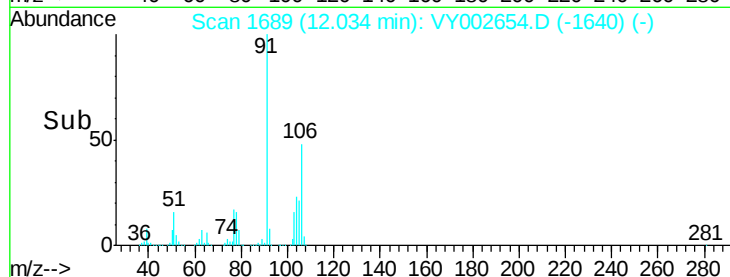
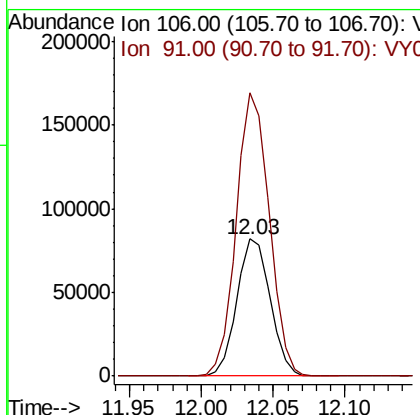
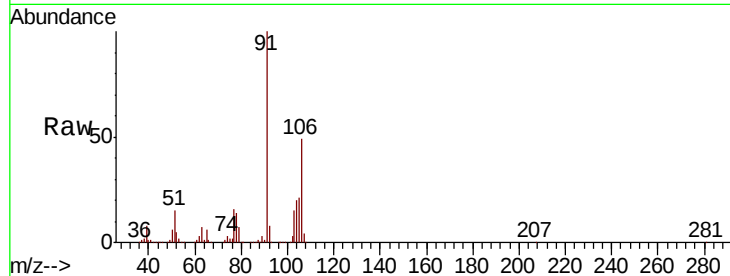
#69
o-Xylene
Concen: 21.253 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	132012		
91	91	204.4	103.8	311.3	

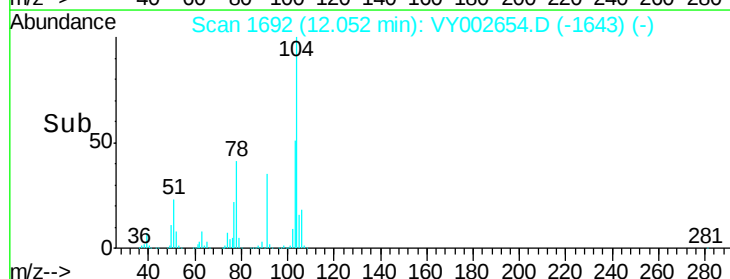
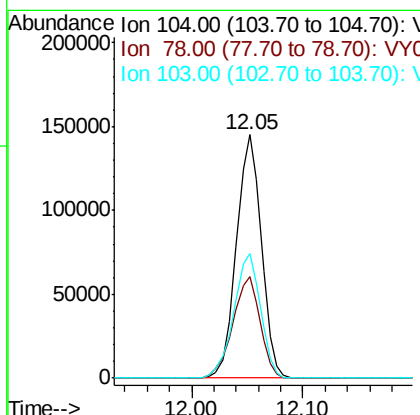
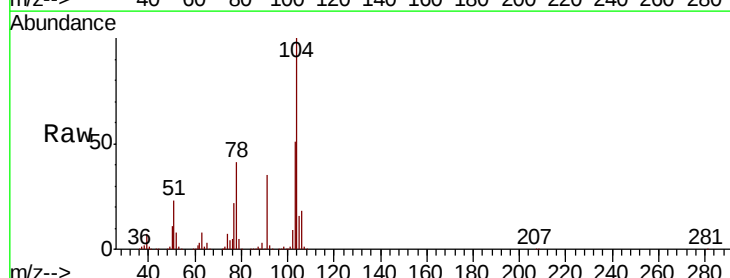
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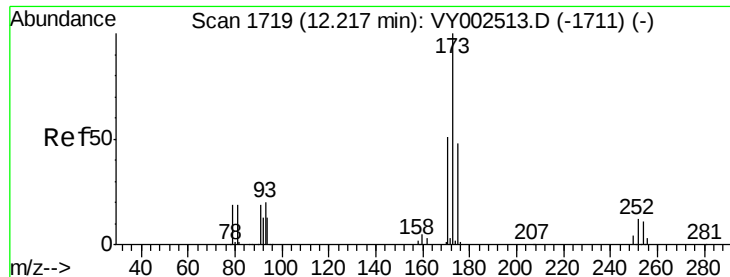
MMDadoda
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#70
Styrene
Concen: 21.128 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	224348		
78	78	45.7	37.4	56.0	
103	103	54.9	43.9	65.9	





#71

Bromoform

Concen: 19.960 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

Tot Ion:173 Resp: 44887

Ion Ratio Lower Upper

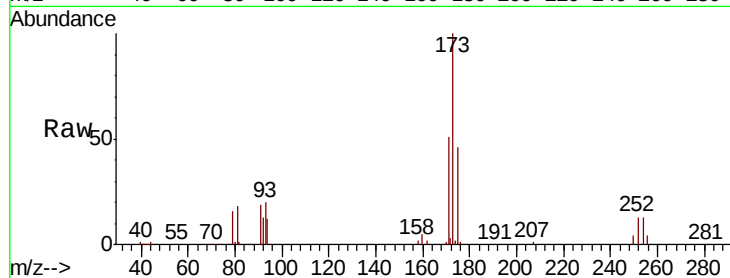
173 100

175 47.6 24.3 72.8

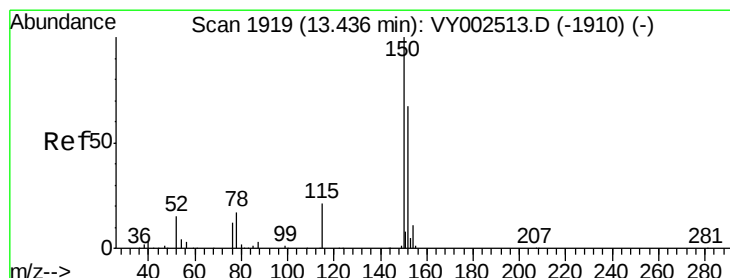
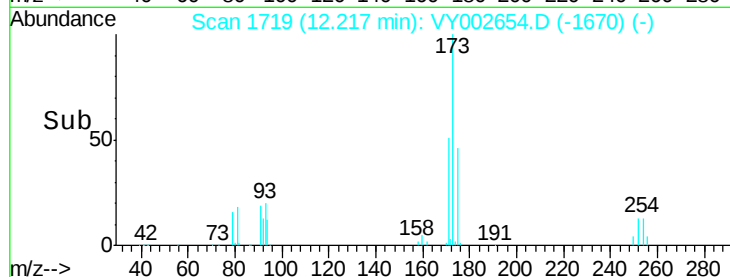
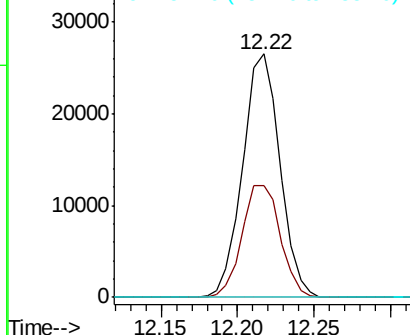
254 0.0 0.2 0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

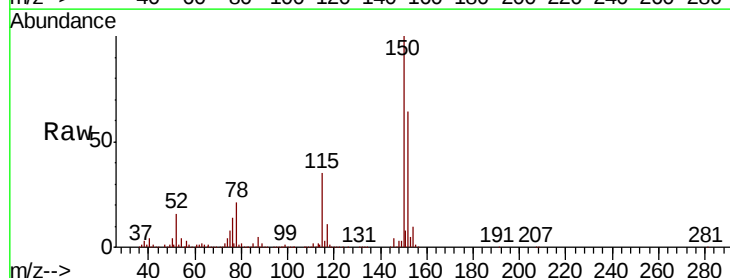
Tgt Ion:152 Resp: 264440

Ion Ratio Lower Upper

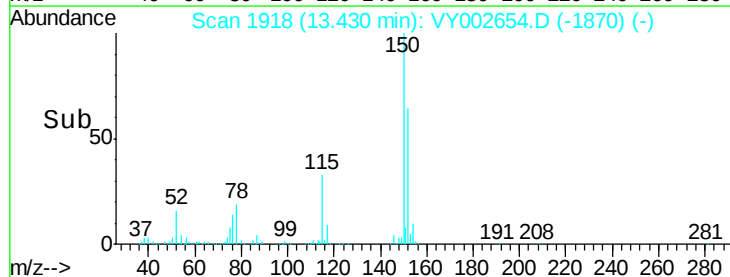
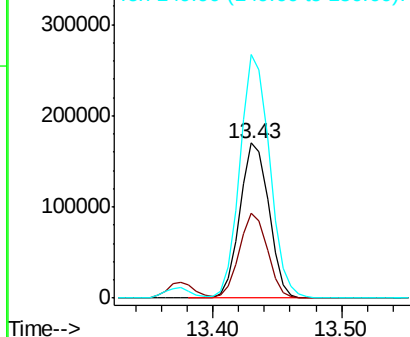
152 100

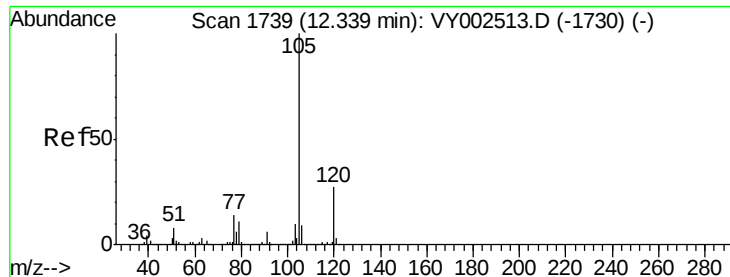
115 53.3 27.5 82.4

150 161.3 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.196 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tot Ion: 105 Resp: 363271

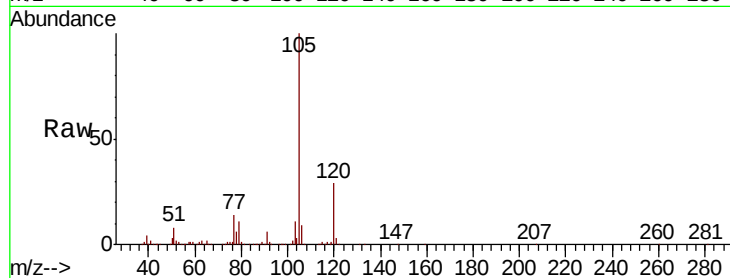
Ion Ratio Lower Upper

105 100

120 27.8 13.8 41.3

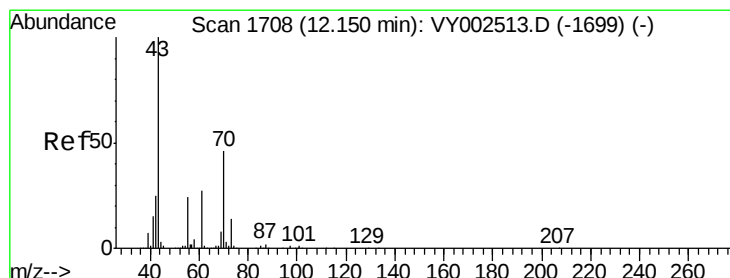
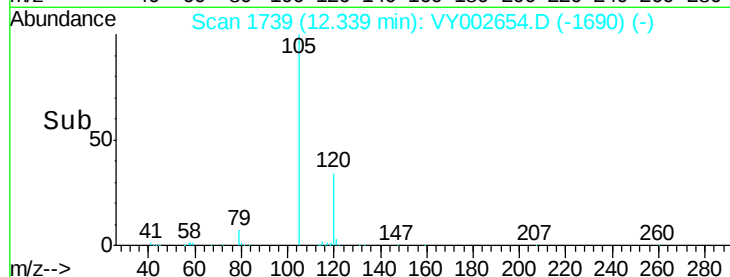
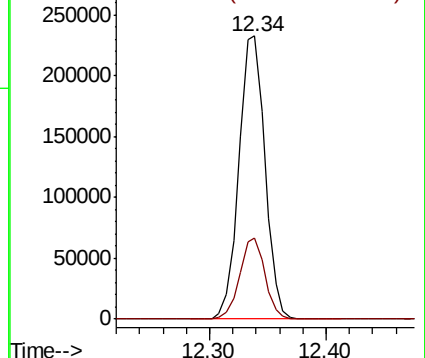
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.540 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Tgt Ion: 43 Resp: 80556

Ion Ratio Lower Upper

43 100

70 46.8 36.7 55.1

55 24.1 19.2 28.8

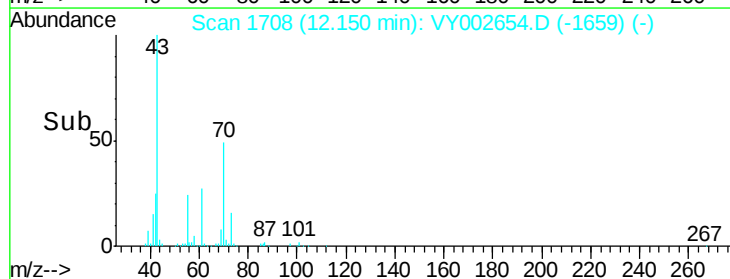
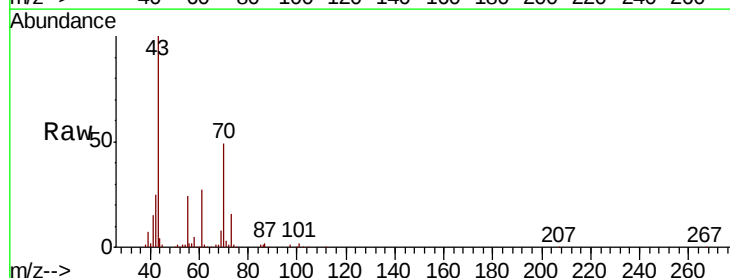
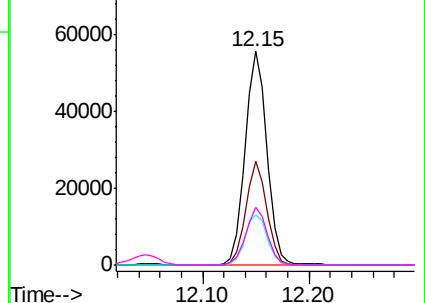
61 26.2 21.1 31.7

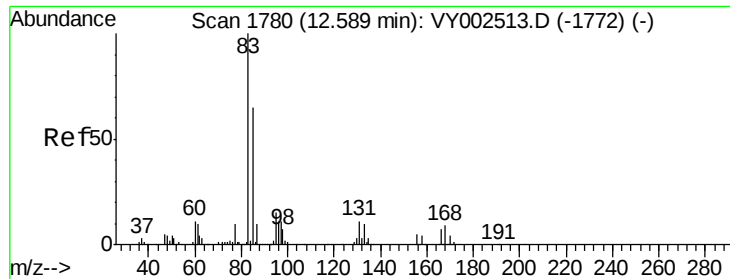
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 17.879 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

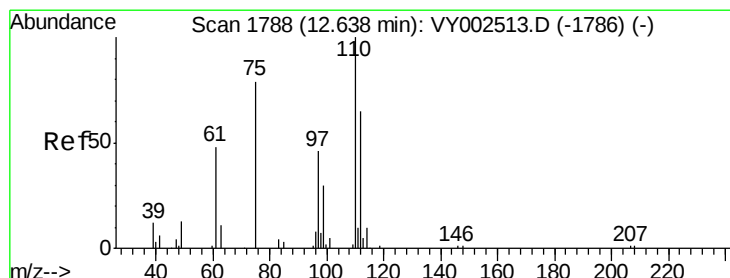
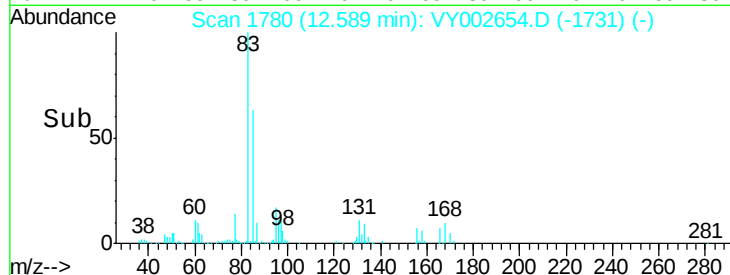
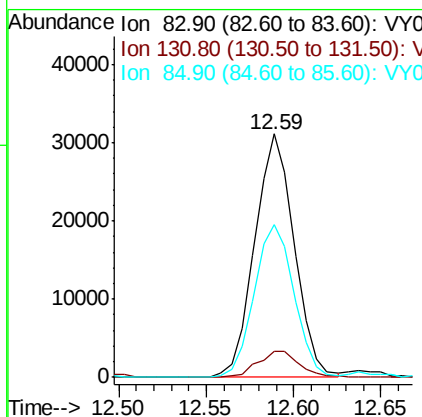
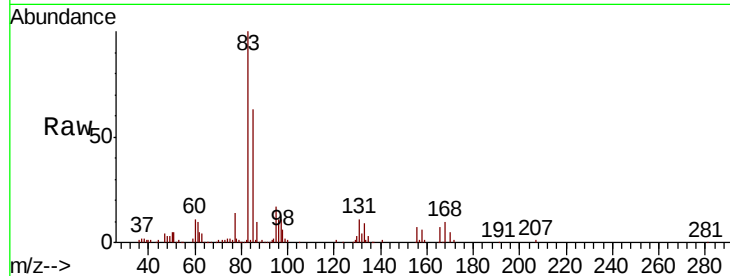
ClientSampleId :

VY0511SBSD01

Tot Ion:	83	Resp:	48730
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.9	17.8
85	63.5	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 19.222 ug/l m

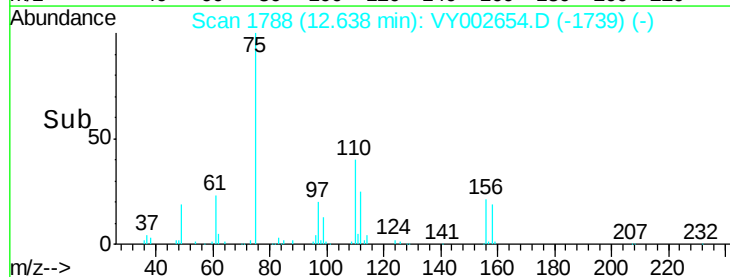
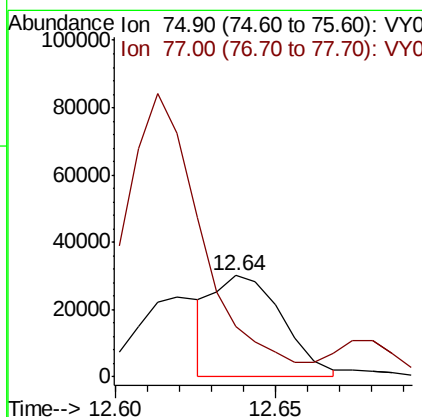
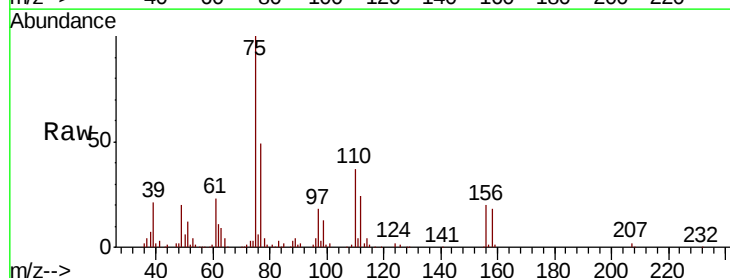
RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Tgt Ion:	75	Resp:	45171
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.915 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

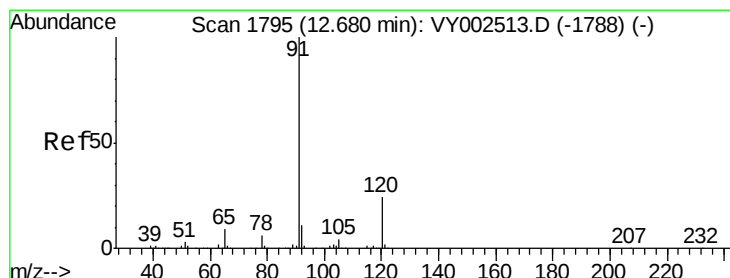
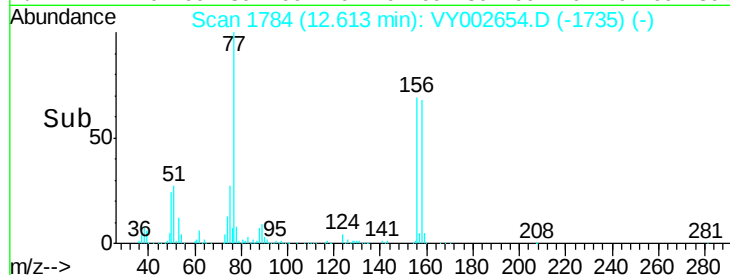
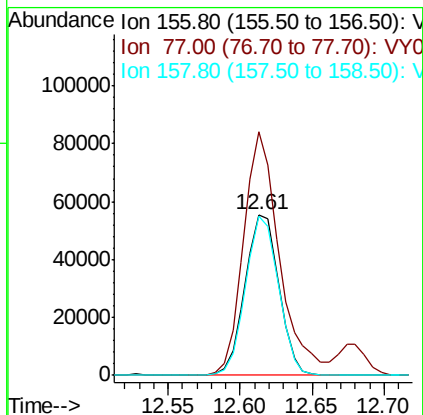
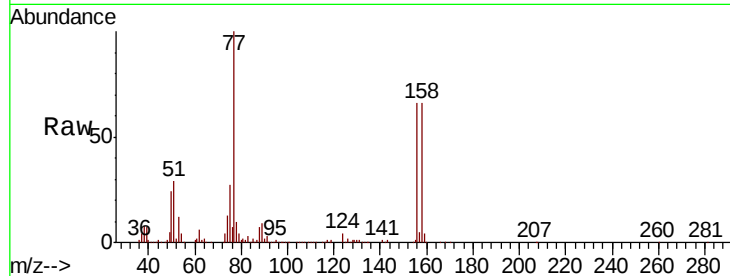
ClientSampleId :

VY0511SBSD01

Tot Ion:	156	Resp:	89555
Ion	Ratio	Lower	Upper
156	100		
77	162.7	82.0	245.8
158	96.9	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 21.225 ug/l

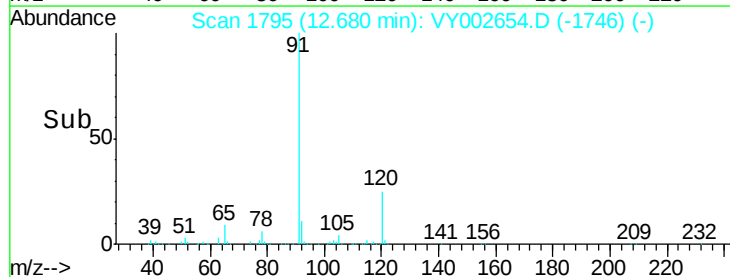
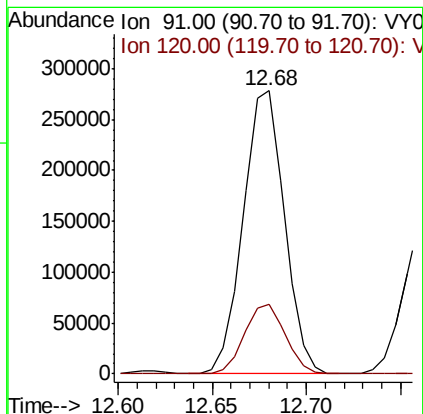
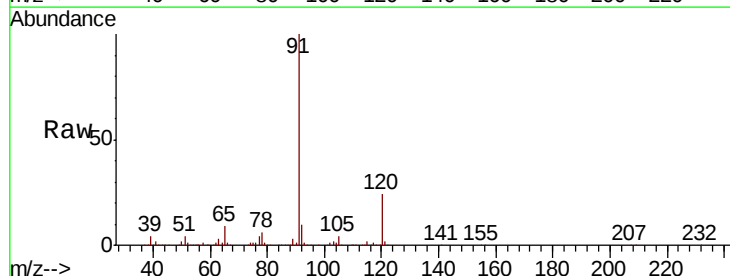
RT: 12.68 min Scan# 1795

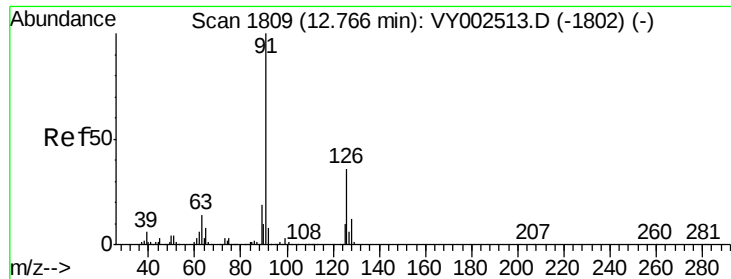
Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Tgt Ion:	91	Resp:	422128
Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.4





#79

2-Chlorotoluene

Concen: 21.034 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

Tot Ion: 91 Resp: 231726

Ion Ratio Lower Upper

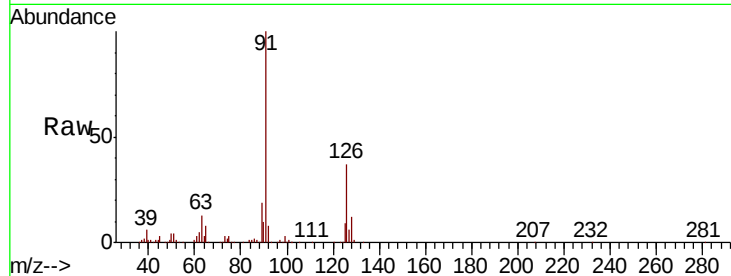
91 100

126 36.7 18.4 55.2

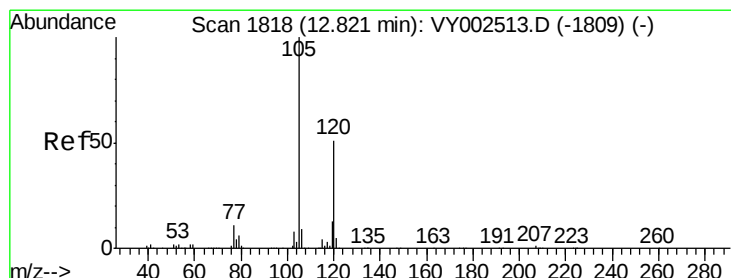
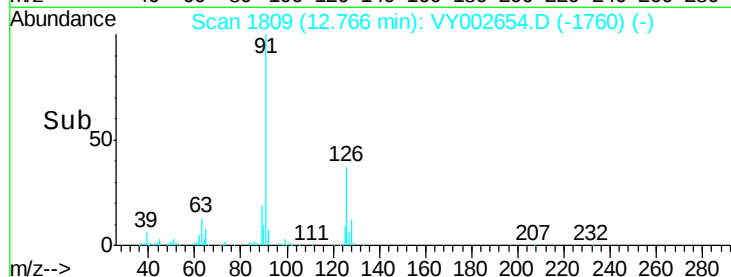
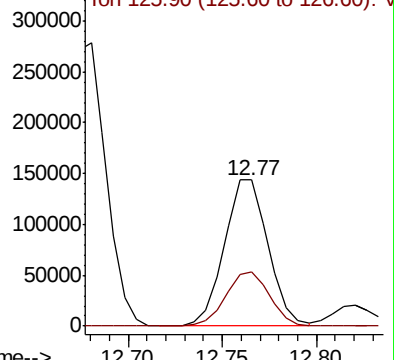
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.284 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002654.D

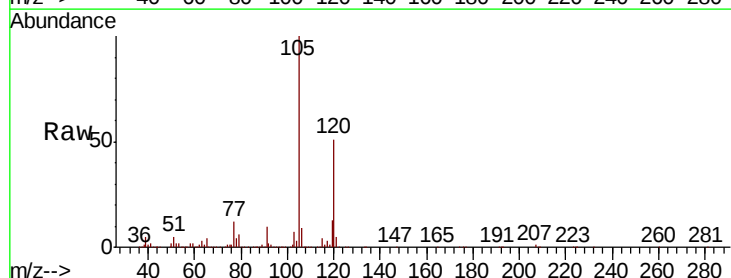
Acq: 11 May 2020 11:38

Tgt Ion: 105 Resp: 302361

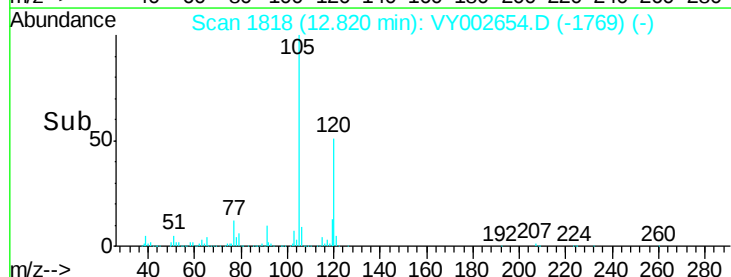
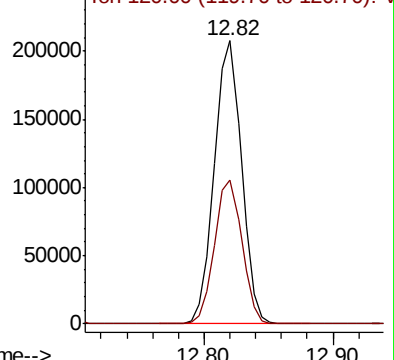
Ion Ratio Lower Upper

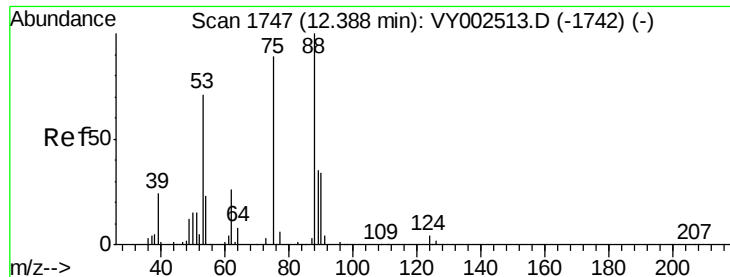
105 100

120 51.3 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)





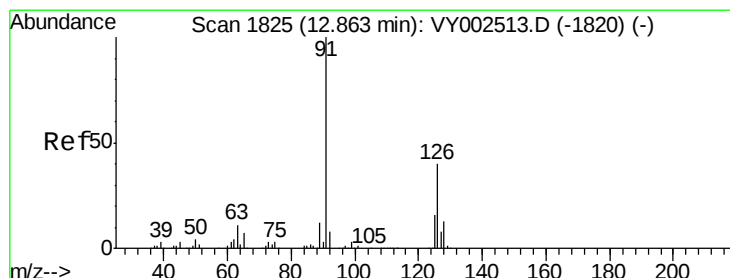
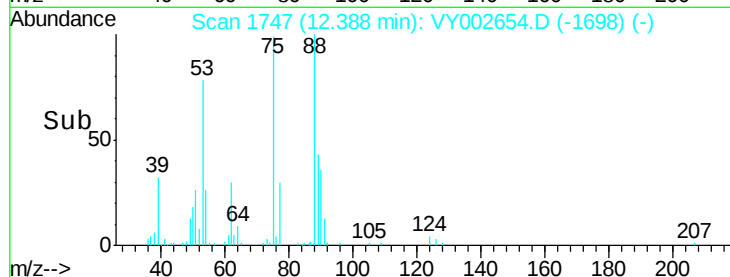
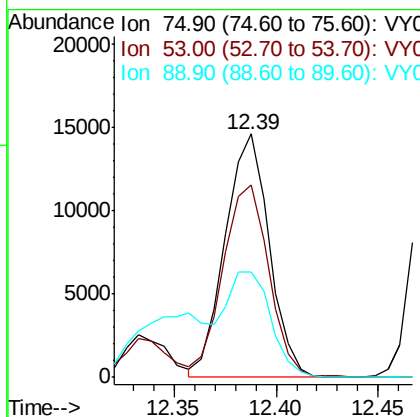
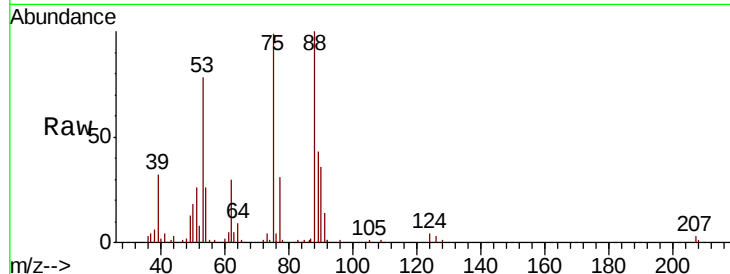
#81
trans-1,4-Dichloro-2-butene
Concen: 18.655 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.8	67.4	101.0
89	43.4	37.4	56.0

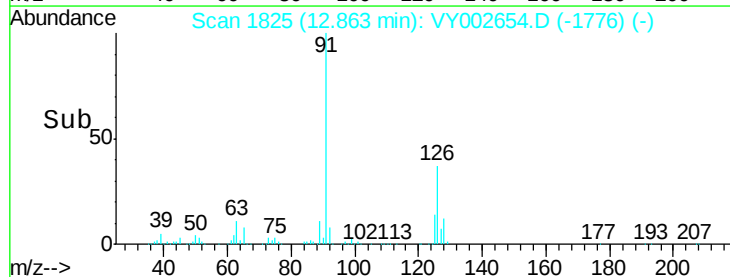
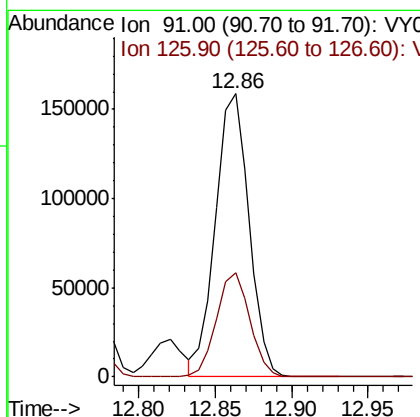
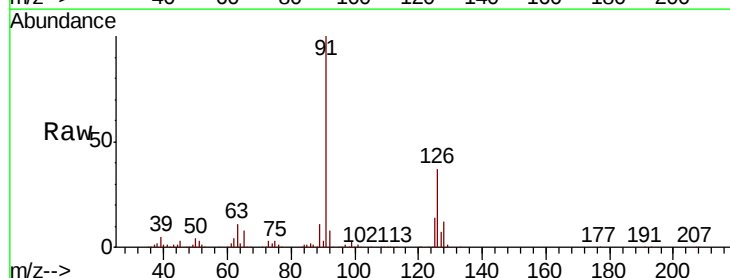
Manual Integrations
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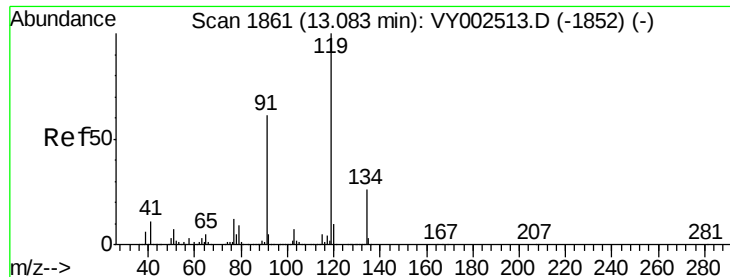
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.964 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.5	55.5





#83

tert-Butylbenzene

Concen: 21.744 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

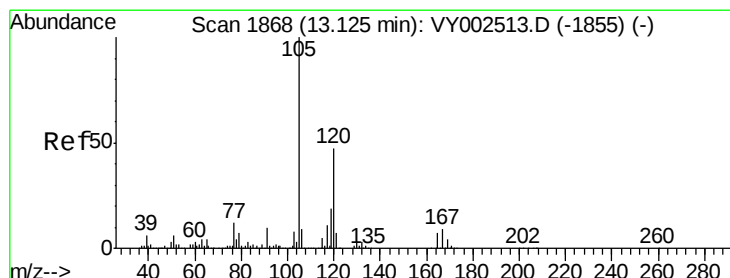
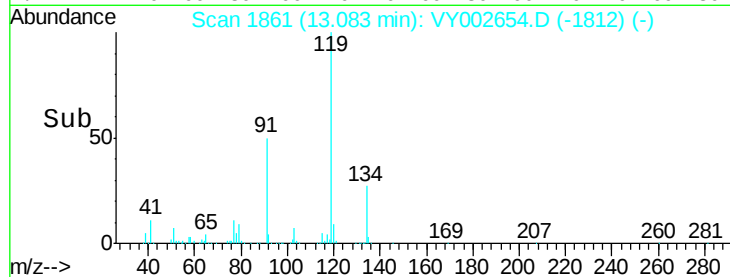
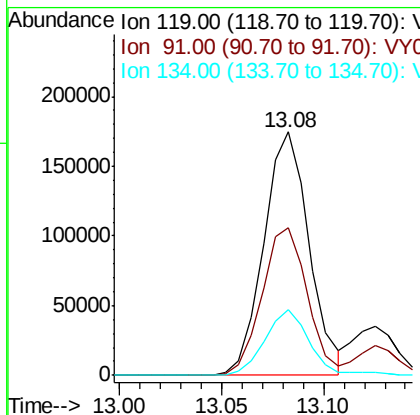
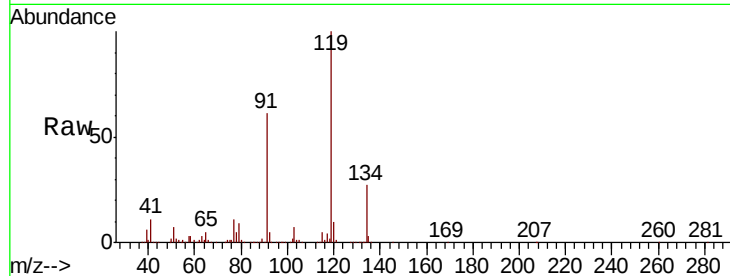
ClientSampleId :

VY0511SBS01

Tot Ion:	119	Resp:	270849
Ion Ratio	Lower	Upper	
119	100		
91	60.4	30.6	91.6
134	26.7	13.5	40.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.375 ug/l

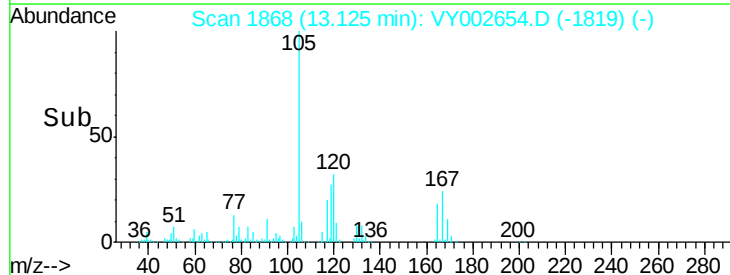
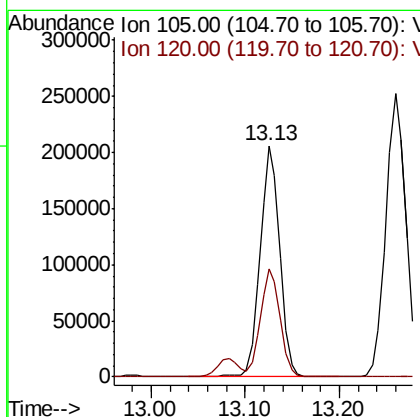
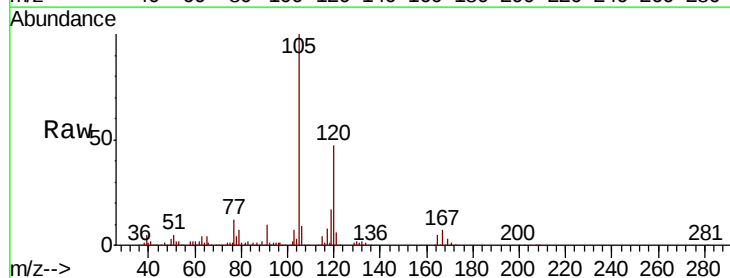
RT: 13.13 min Scan# 1868

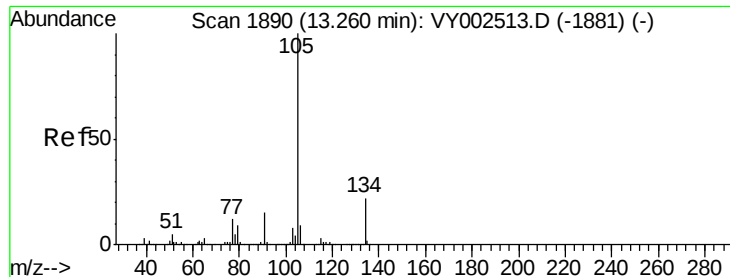
Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Tgt Ion:	105	Resp:	302635
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.4	70.3





#85

sec-Butylbenzene

Concen: 21.577 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBSD01

Tot Ion:105 Resp: 372957

Ion Ratio Lower Upper

105 100

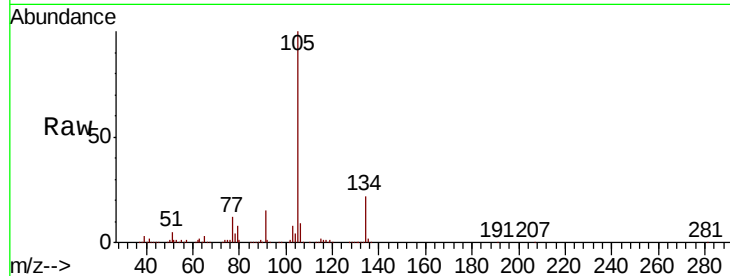
134 21.8 10.8 32.3

Manual Integrations

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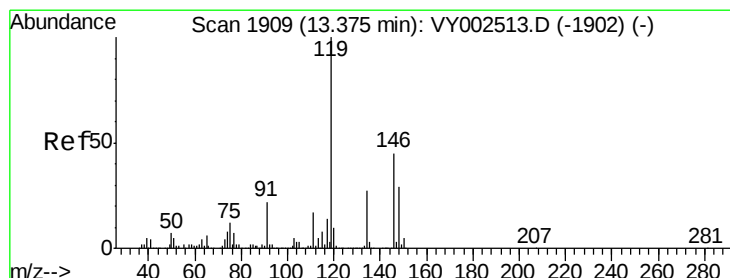
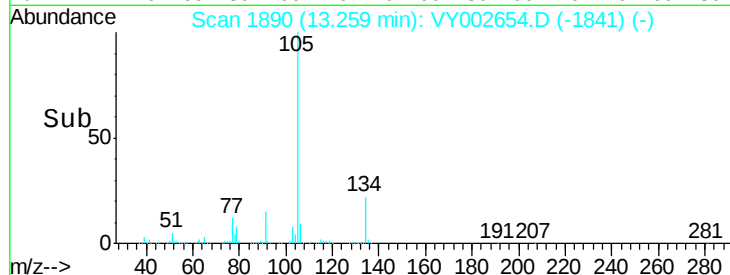
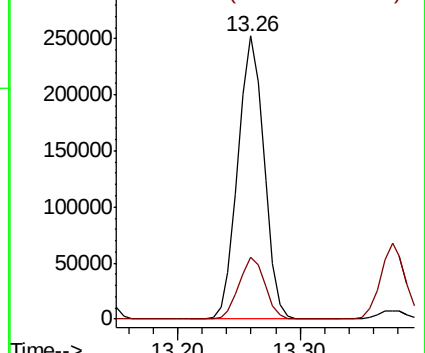
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.438 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

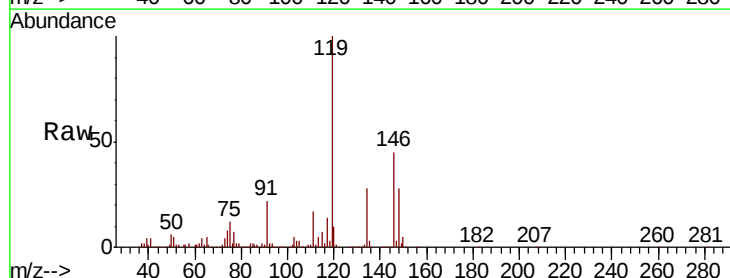
Tgt Ion:119 Resp: 347197

Ion Ratio Lower Upper

119 100

134 27.7 13.5 40.5

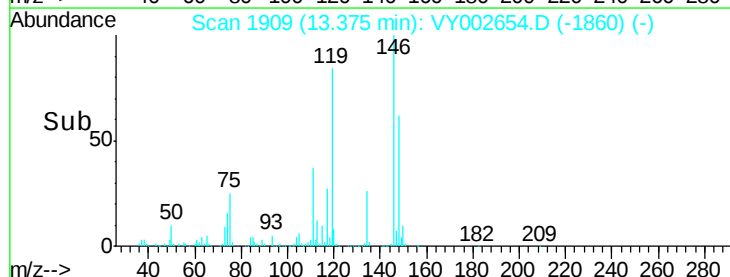
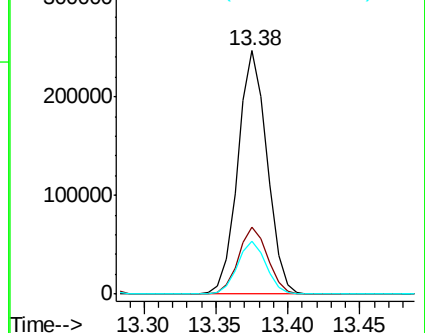
91 21.5 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





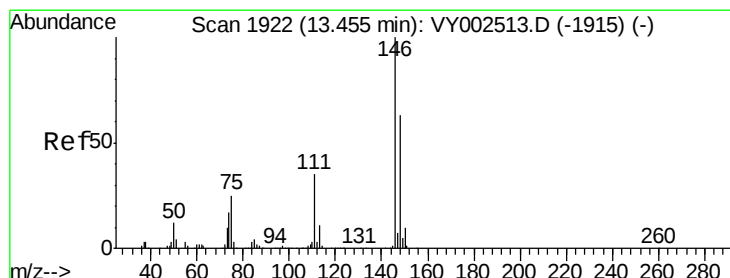
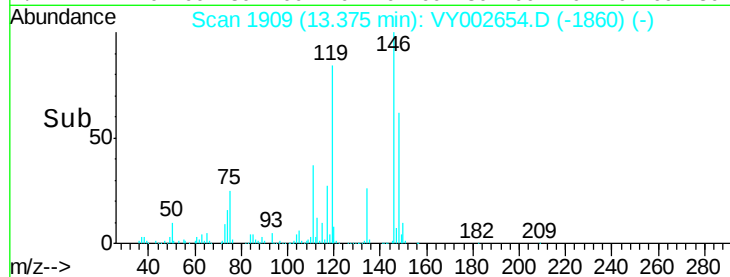
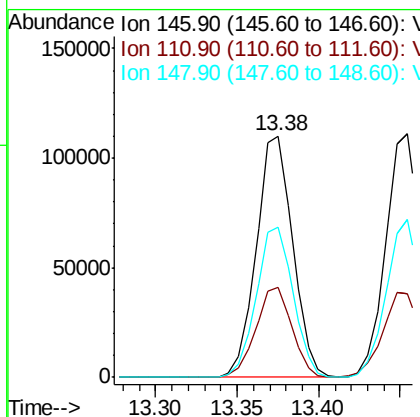
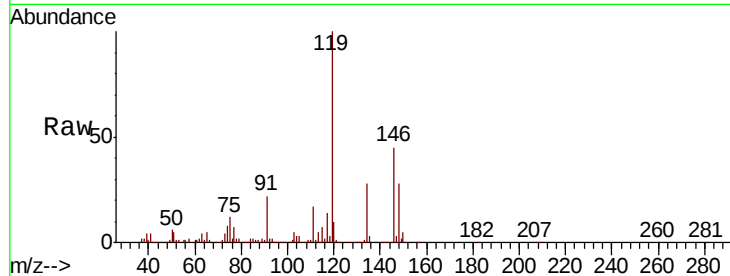
#87
 1,3-Dichlorobenzene
 Concen: 21.009 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	170254		
111	37.1	18.8	56.3	
148	63.1	32.1	96.3	

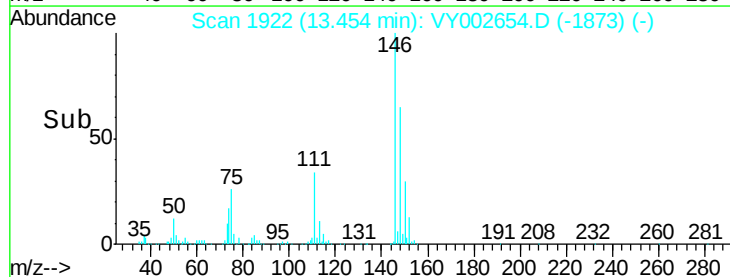
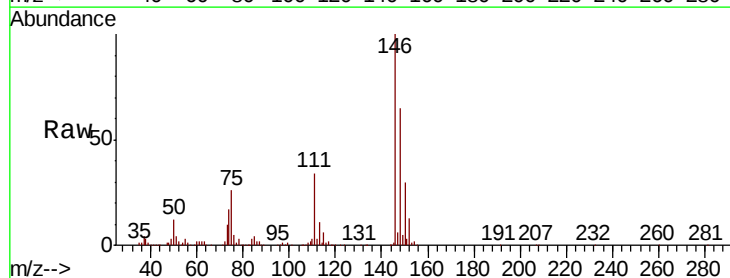
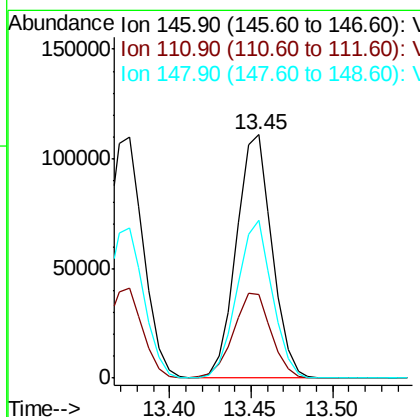
Manual Integrations
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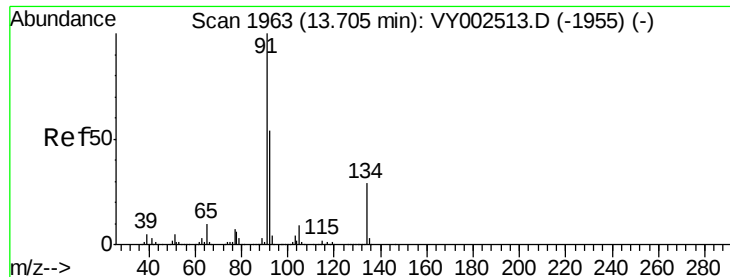
MMDadoda
 5/12/2020 12:10:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.989 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	168430		
111	37.3	18.1	54.1	
148	64.5	31.9	95.5	





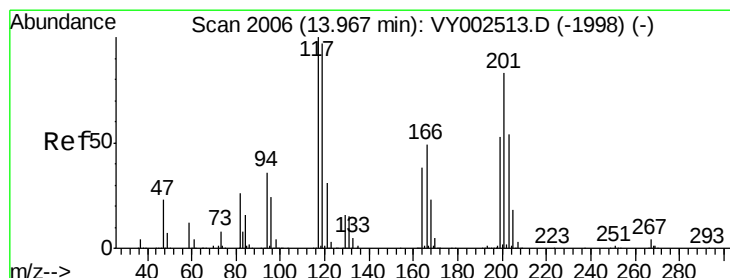
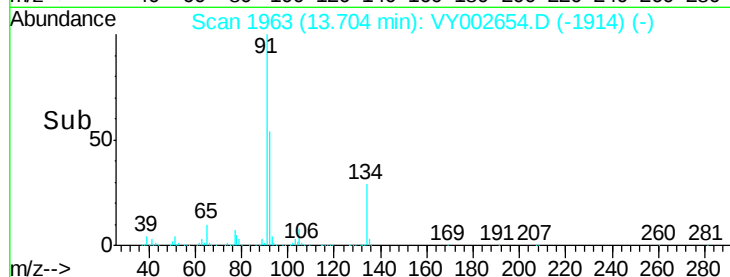
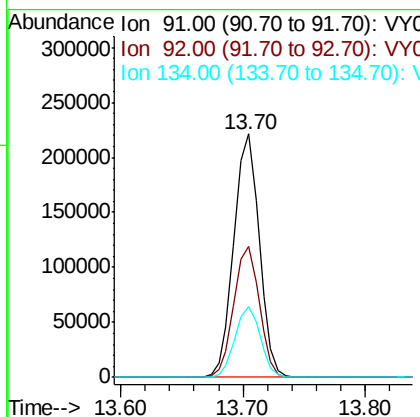
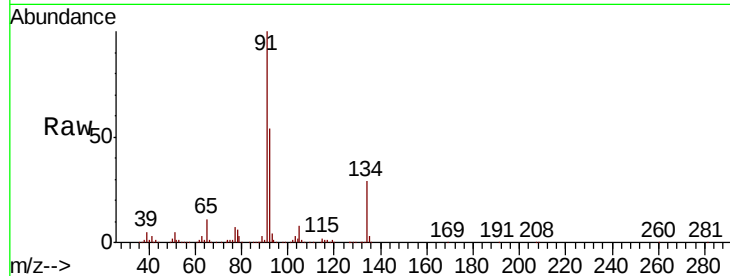
#89
n-Butylbenzene
Concen: 21.545 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.3
134	28.8	14.4	43.0

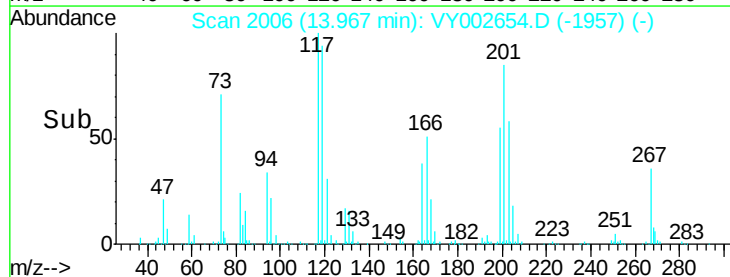
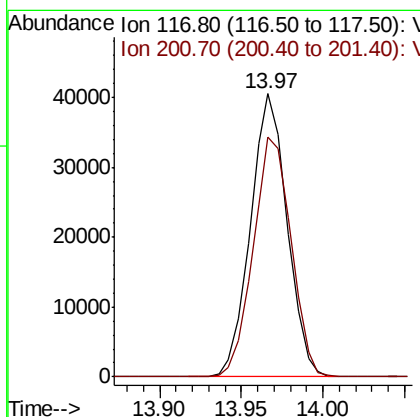
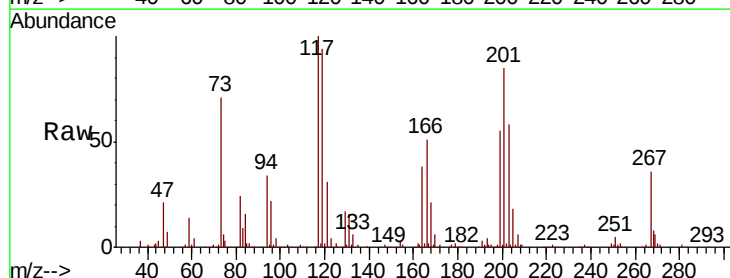
Manual Integrations
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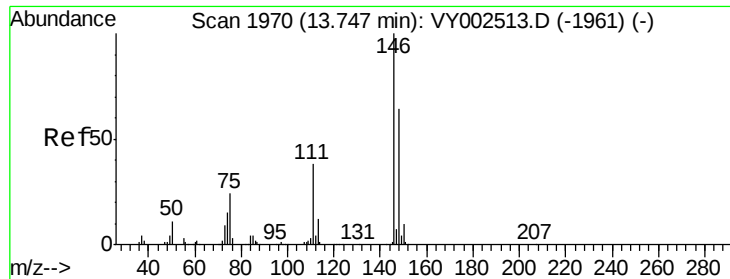
MMDadoda
5/12/2020 12:10:05 PM



#90
Hexachloroethane
Concen: 21.402 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.3	44.4	133.2





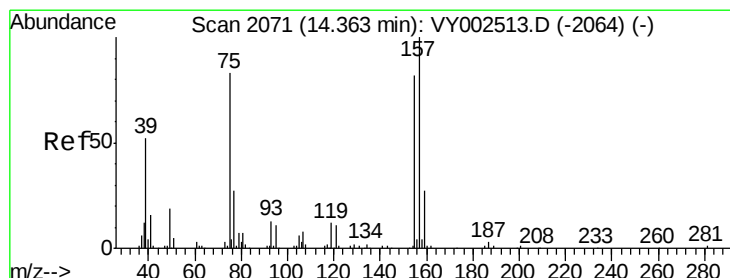
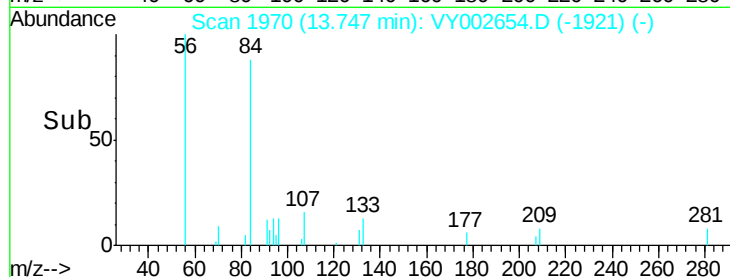
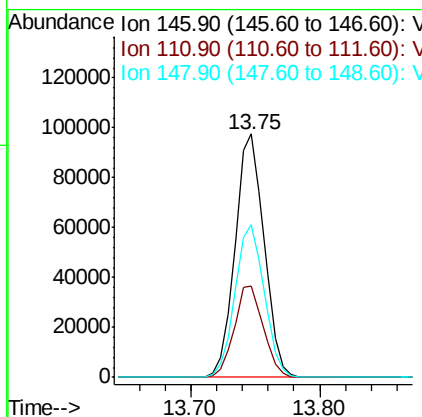
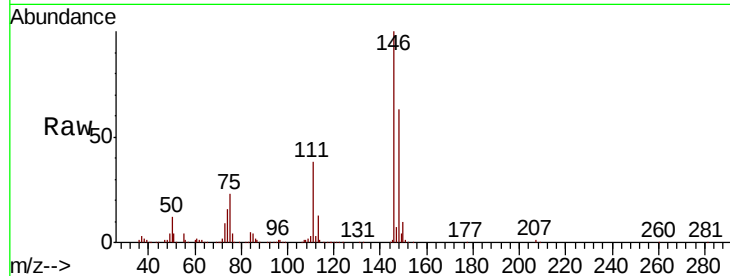
#91
 1,2-Dichlorobenzene
 Concen: 21.004 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	151888		
111	38.0	19.1	57.5	
148	63.3	31.9	95.7	

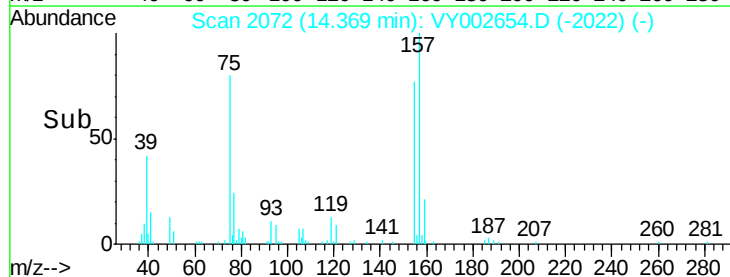
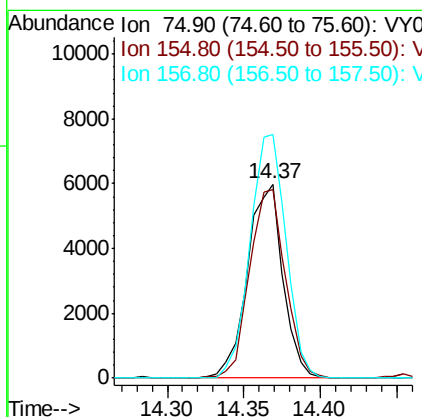
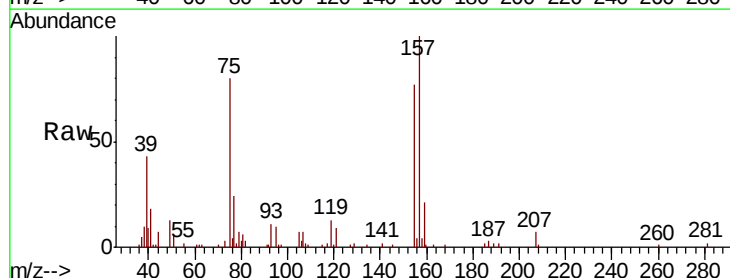
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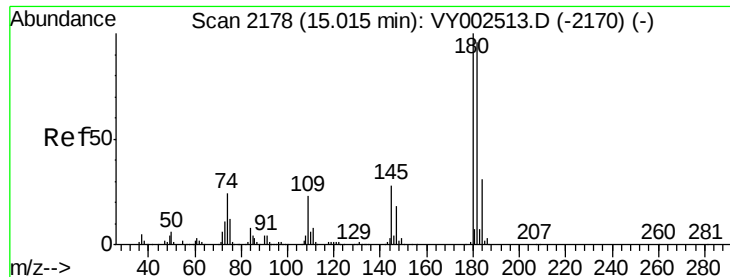
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.046 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9677		
155	98.2	51.3	153.9	
157	127.2	65.0	195.0	





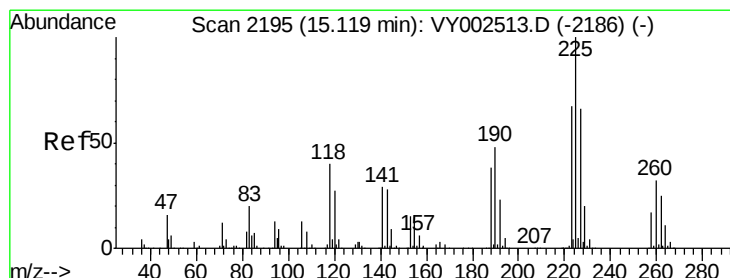
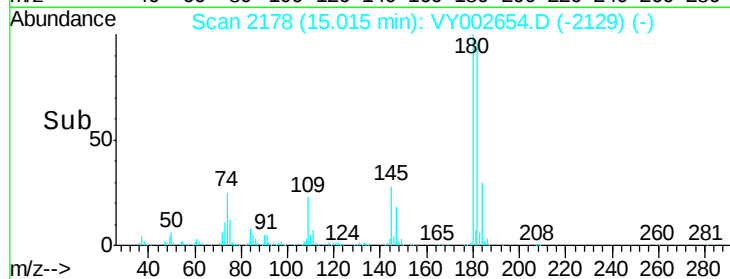
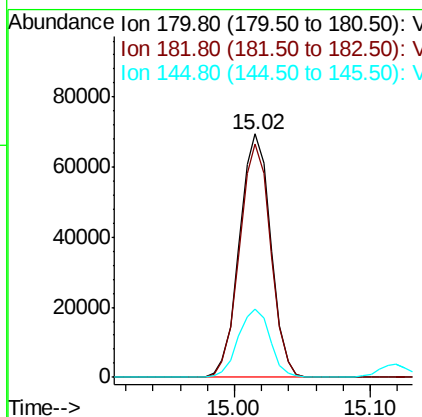
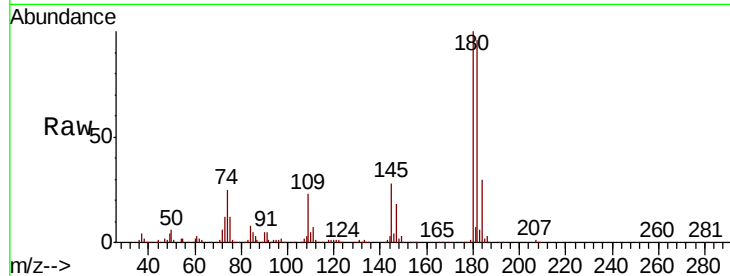
#93
 1,2,4-Trichlorobenzene
 Concen: 21.208 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111340		
182	95.5	47.9	143.6	
145	28.7	14.4	43.0	

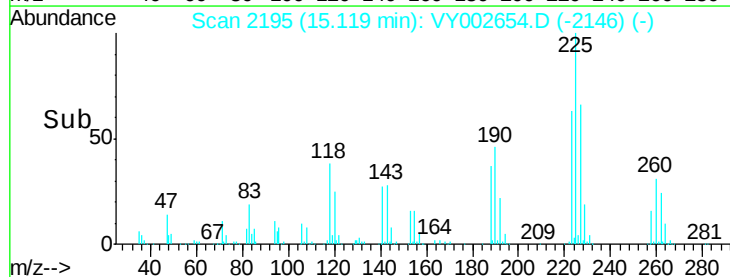
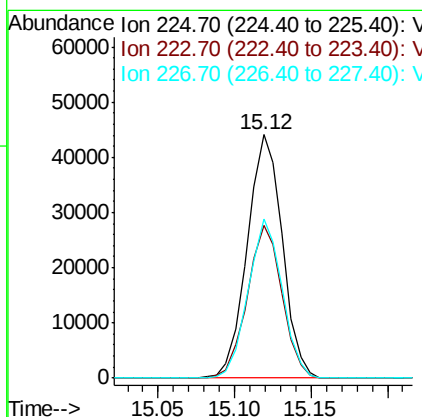
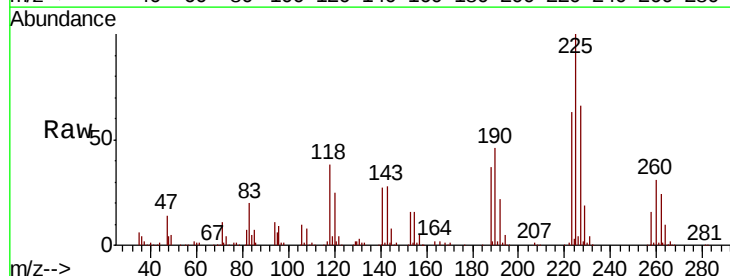
Manual Integrations
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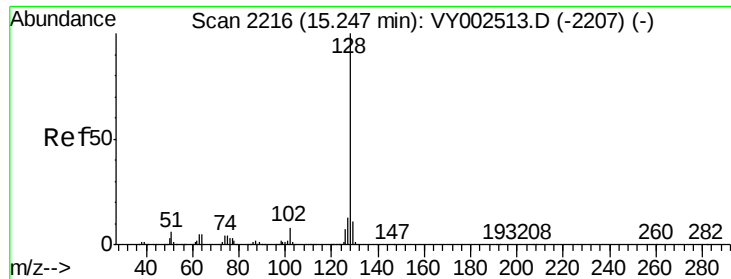
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 22.287 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70234		
223	62.1	32.1	96.5	
227	63.4	32.0	96.2	





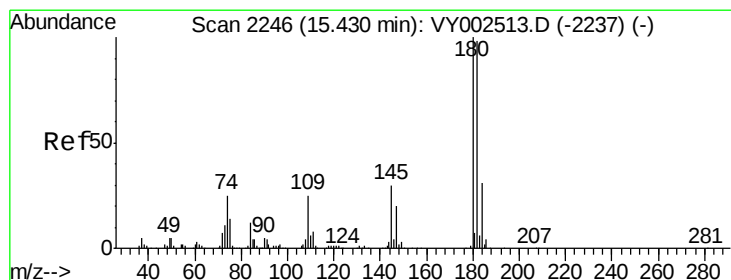
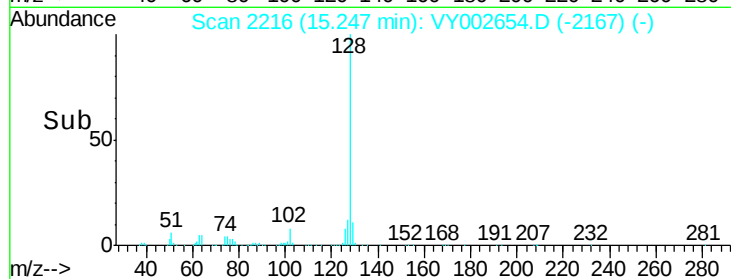
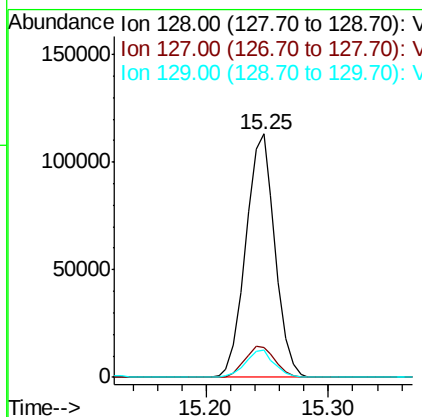
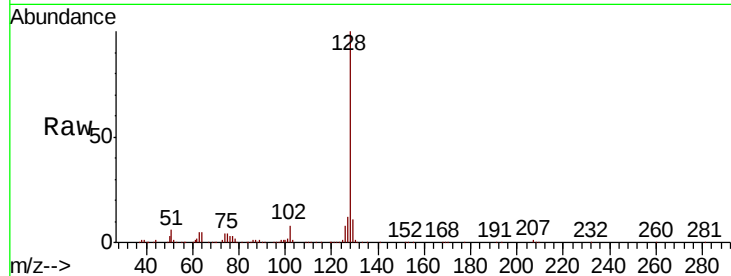
#95
Naphthalene
Concen: 19.552 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.0	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.739 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.8
145	30.4	15.0	45.1

