

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003136.D
 Acq On : 08 Jul 2020 15:09
 Operator : SY/MD
 Sample : VY0708SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:51 AM

Quant Time: Jul 09 02:47:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	405236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	577864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	528489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	285376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	182507	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	7.72	113	181430	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.18	98	679289	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.48	95	241969	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	56240	18.325	ug/l	98
3) Chloromethane	2.12	50	80168	17.838	ug/l	99
4) Vinyl Chloride	2.26	62	86718	19.782	ug/l	96
5) Bromomethane	2.65	94	66852	22.461	ug/l	97
6) Chloroethane	2.79	64	58846	21.101	ug/l	97
7) Trichlorofluoromethane	3.13	101	134552	21.746	ug/l	99
8) Diethyl Ether	3.54	74	44843	21.141	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.90	101	80791	21.868	ug/l	99
10) Methyl Iodide	4.10	142	93339	20.375	ug/l	99
11) Tert butyl alcohol	4.97	59	39983	97.478	ug/l	100
12) 1,1-Dichloroethene	3.88	96	74532	21.203	ug/l	88
13) Acrolein	3.74	56	28735	78.000	ug/l	100
14) Allyl chloride	4.49	41	110424	17.992	ug/l	97
15) Acrylonitrile	5.18	53	102583	93.838	ug/l	98
16) Acetone	3.96	43	80429	84.730	ug/l	97
17) Carbon Disulfide	4.20	76	217854	19.398	ug/l	98
18) Methyl Acetate	4.48	43	49118	19.206	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	207860	20.286	ug/l	99
20) Methylene Chloride	4.72	84	117886	24.239	ug/l	91
21) trans-1,2-Dichloroethene	5.23	96	83426	20.982	ug/l	93
22) Diisopropyl ether	6.13	45	246717	18.756	ug/l	97
23) Vinyl Acetate	6.07	43	807060	91.770	ug/l	98
24) 1,1-Dichloroethane	6.02	63	145938	20.310	ug/l	99
25) 2-Butanone	6.99	43	131091	86.937	ug/l	98
26) 2,2-Dichloropropane	6.99	77	129577	19.848	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	94411	21.170	ug/l	94
28) Bromochloromethane	7.34	49	55720	17.428	ug/l	86
29) Tetrahydrofuran	7.36	42	92415	92.162	ug/l	93
30) Chloroform	7.51	83	151054	21.220	ug/l	99
31) Cyclohexane	7.79	56	134709	19.030	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	137506	21.162	ug/l	98
36) 1,1-Dichloropropene	7.92	75	117379	21.088	ug/l	97
37) Ethyl Acetate	7.08	43	62200	18.585	ug/l	98
38) Carbon Tetrachloride	7.90	117	122798	21.204	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	146479	21.225	ug/l	98
40) Benzene	8.16	78	329832	21.644	ug/l	99
41) Methacrylonitrile	7.33	41	38932m	21.777	ug/l	
42) 1,2-Dichloroethane	8.24	62	100071	20.758	ug/l	99
43) Isopropyl Acetate	8.28	43	122263	19.217	ug/l	95
44) Trichloroethene	8.94	130	101041	22.812	ug/l	98
45) 1,2-Dichloropropane	9.22	63	84920	20.713	ug/l	95
46) Dibromomethane	9.31	93	48857	21.337	ug/l	97
47) Bromodichloromethane	9.50	83	119059	21.234	ug/l	99
48) Methyl methacrylate	9.30	41	52916	18.273	ug/l	90
49) 1,4-Dioxane	9.30	88	11888	425.306	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	319869	97.273	ug/l	98
52) Toluene	10.25	92	211589	22.057	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	118652	20.184	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	139647	20.772	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	71063	22.334	ug/l	99
56) Ethyl methacrylate	10.51	69	93143	20.222	ug/l	94
57) 1,3-Dichloropropane	10.79	76	118026	21.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	220124	93.183	ug/l	98
59) 2-Hexanone	10.83	43	219491	95.495	ug/l	97
60) Dibromochloromethane	10.99	129	89533	21.988	ug/l	98
61) 1,2-Dibromoethane	11.09	107	70434	22.453	ug/l	96
64) Tetrachloroethene	10.72	164	113774	25.437	ug/l	99
65) Chlorobenzene	11.52	112	233311	22.389	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	89555	22.012	ug/l	98
67) Ethyl Benzene	11.59	91	417944	21.923	ug/l	98
68) m/p-Xylenes	11.70	106	316909	44.664	ug/l	98
69) o-Xylene	12.03	106	148261	22.174	ug/l	95
70) Styrene	12.05	104	250247	21.908	ug/l	98
71) Bromoform	12.21	173	58069	21.405	ug/l	# 99
73) Isopropylbenzene	12.33	105	408017	21.846	ug/l	99
74) N-amyl acetate	12.14	43	111371	18.317	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	75629	20.066	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	47666m	16.877	ug/l	
77) Bromobenzene	12.61	156	104349	21.791	ug/l	96
78) n-propylbenzene	12.67	91	485901	21.633	ug/l	99
79) 2-Chlorotoluene	12.75	91	270436	21.570	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	346107	22.084	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28829	19.859	ug/l	96
82) 4-Chlorotoluene	12.86	91	279476	21.410	ug/l	97
83) tert-Butylbenzene	13.08	119	297113	21.590	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	340837	21.582	ug/l	97
85) sec-Butylbenzene	13.25	105	421116	22.201	ug/l	99
86) p-Isopropyltoluene	13.37	119	390099	22.195	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	198243	22.174	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	199038	22.577	ug/l	99
89) n-Butylbenzene	13.70	91	370672	22.042	ug/l	99
90) Hexachloroethane	13.96	117	70986	20.339	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	175584	21.890	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13258	19.871	ug/l	98

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Manual Integrations
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QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	128698	21.592	ug/l	98
94) Hexachlorobutadiene	15.11	225	87394	23.246	ug/l	98
95) Naphthalene	15.23	128	214926	19.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	105551	20.394	ug/l	99

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

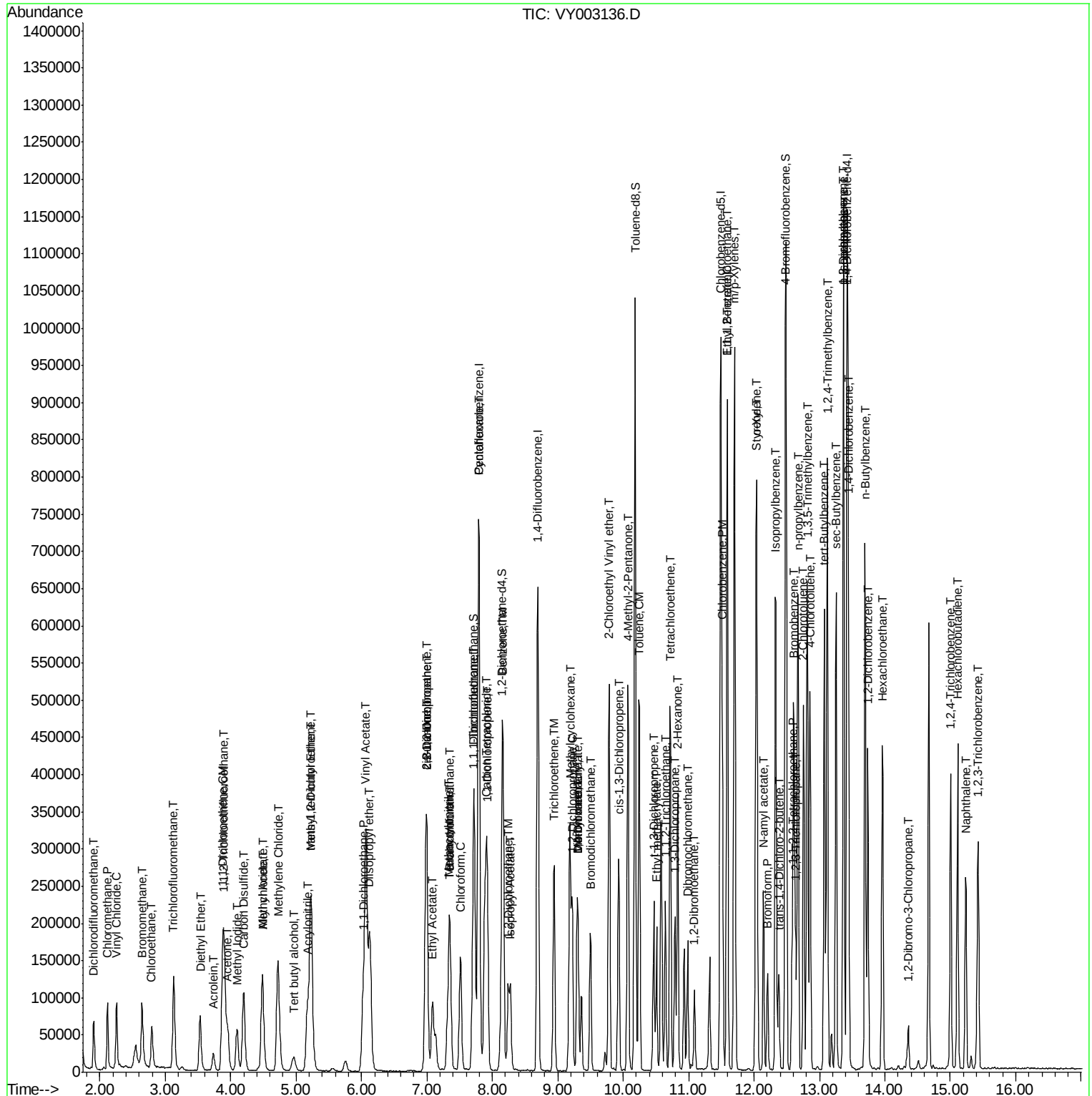
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
Data File : VY003136.D
Acq On : 08 Jul 2020 15:09
Operator : SY/MD
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Misc : 5.00G/5ML/MSVOA Y/SOIL
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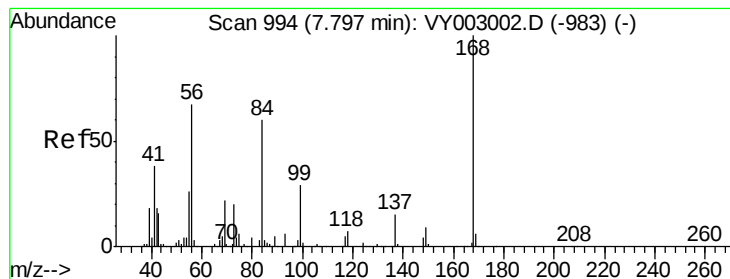
Instrument :
MSVOA_Y
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion:168 Resp: 405236

Ion Ratio Lower Upper

168 100

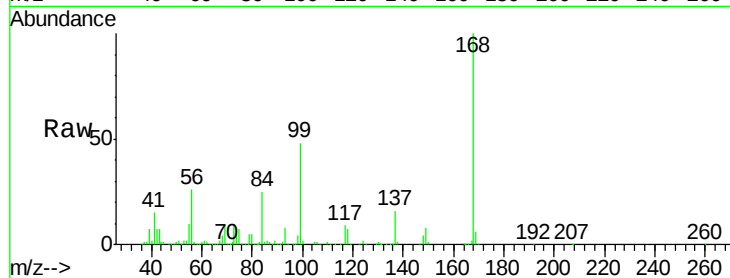
99 47.5 39.2 58.8

Manual Integrations

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7/9/2020 10:48:51 AM



Abundance Ion 167.90 (167.60 to 168.60): VY003136.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003136.D (-945) (-)

7.80

200000

150000

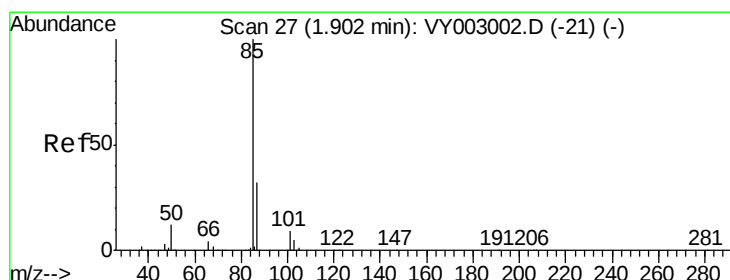
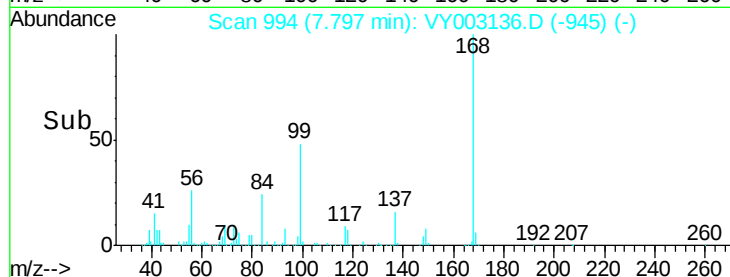
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.325 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003136.D

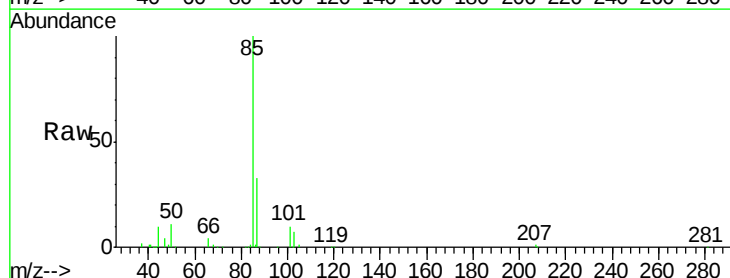
Acq: 08 Jul 2020 15:09

Tgt Ion: 85 Resp: 56240

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003136.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003136.D (-1) (-)

1.91

40000

30000

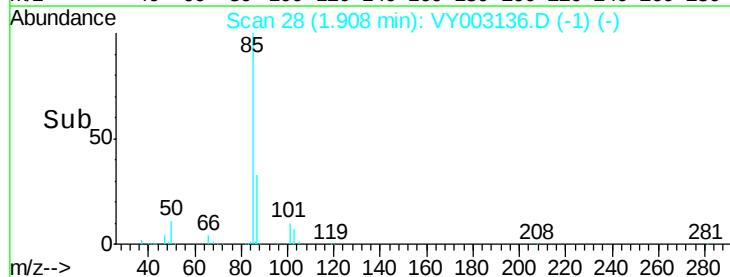
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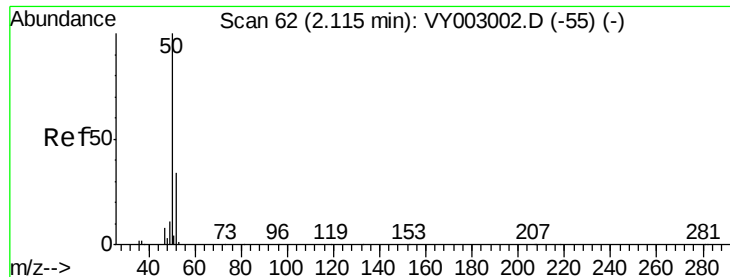
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.838 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 50 Resp: 80168

Ion Ratio Lower Upper

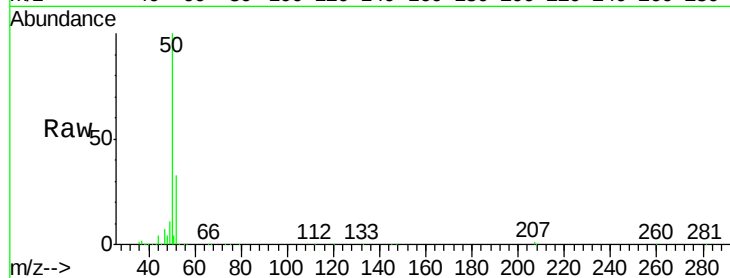
50 100

52 33.1 26.9 40.3

Manual Integrations
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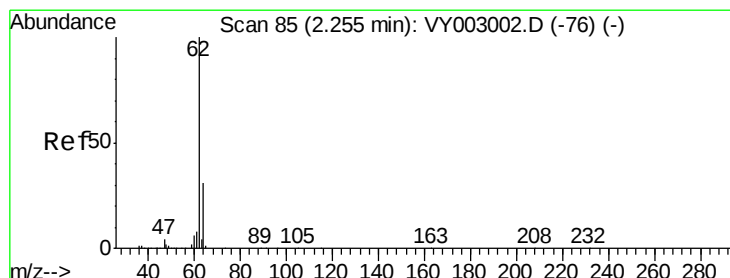
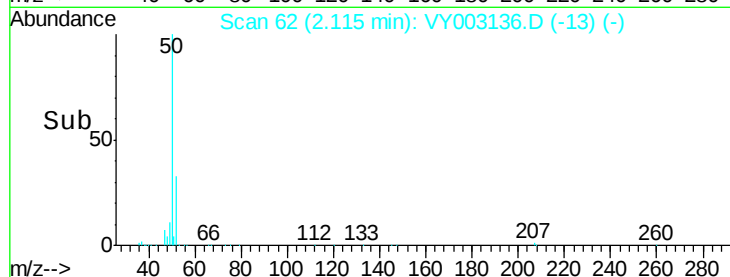
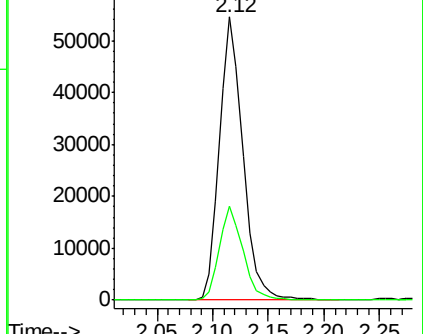
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.782 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003136.D

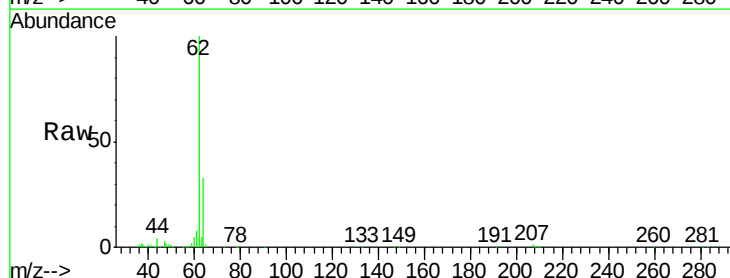
Acq: 08 Jul 2020 15:09

Tgt Ion: 62 Resp: 86718

Ion Ratio Lower Upper

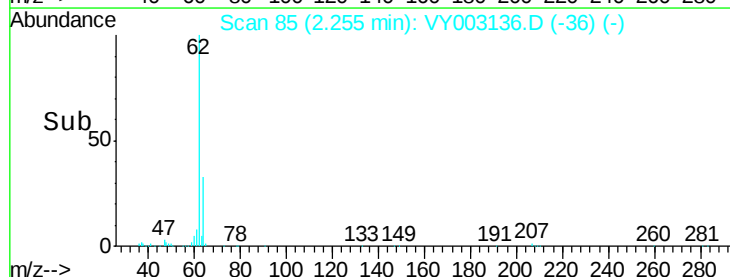
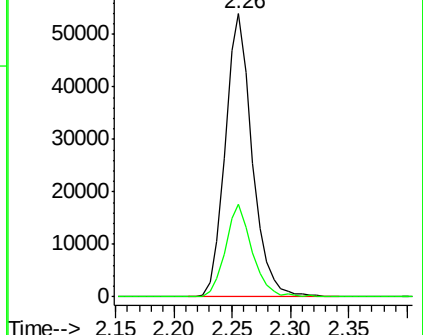
62 100

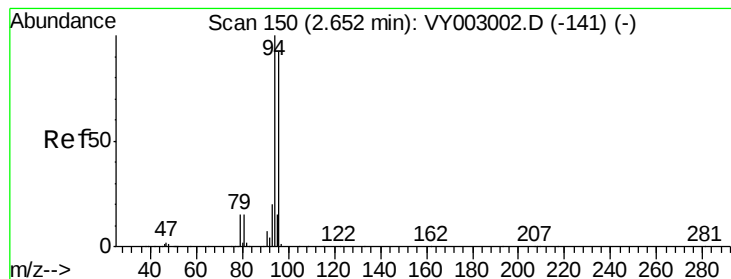
64 32.6 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.461 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 94 Resp: 66852

Ion Ratio Lower Upper

94 100

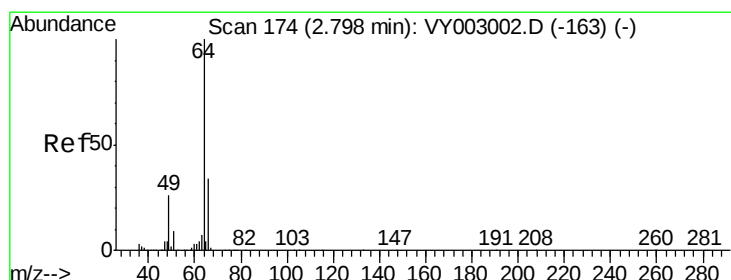
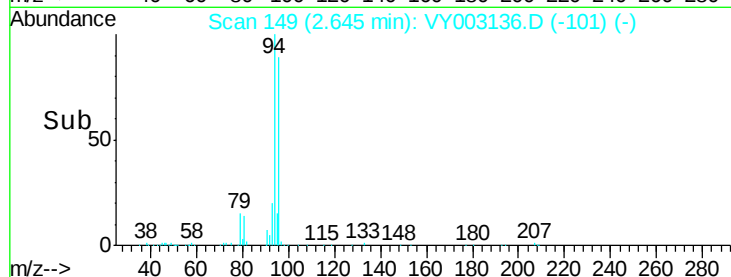
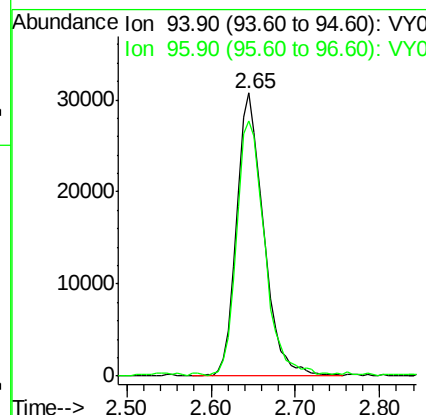
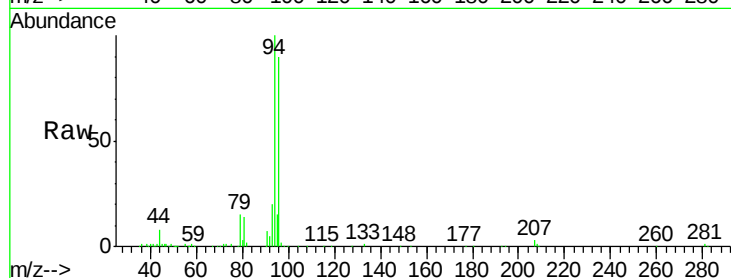
96 89.2 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 21.101 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003136.D

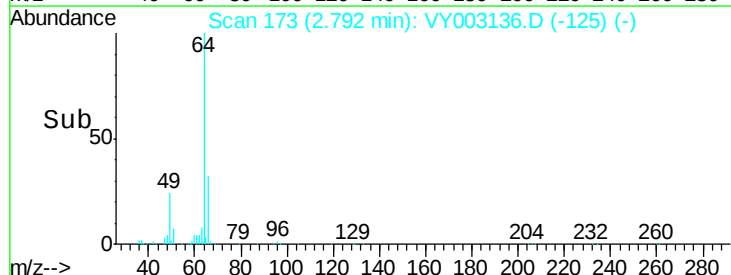
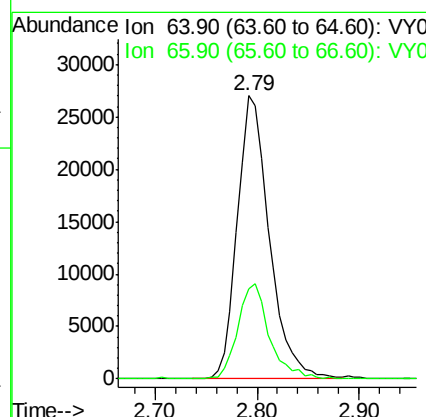
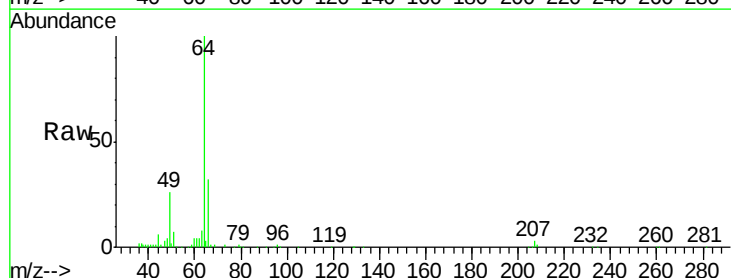
Acq: 08 Jul 2020 15:09

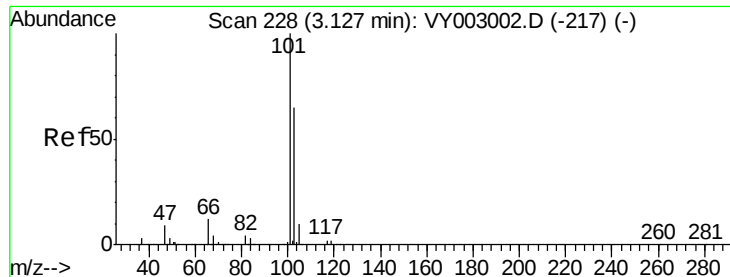
Tgt Ion: 64 Resp: 58846

Ion Ratio Lower Upper

64 100

66 31.9 27.0 40.4





#7

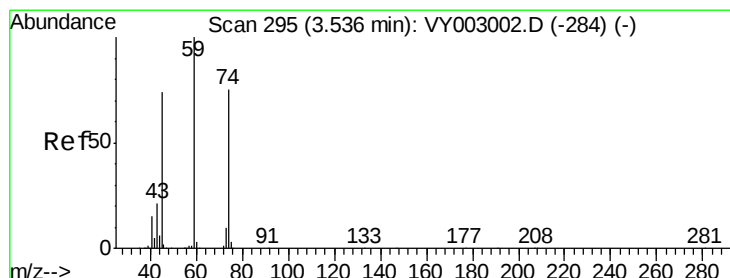
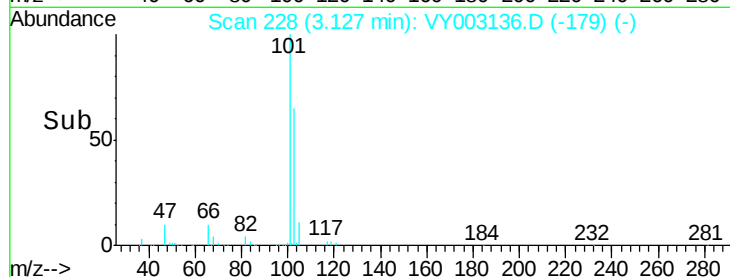
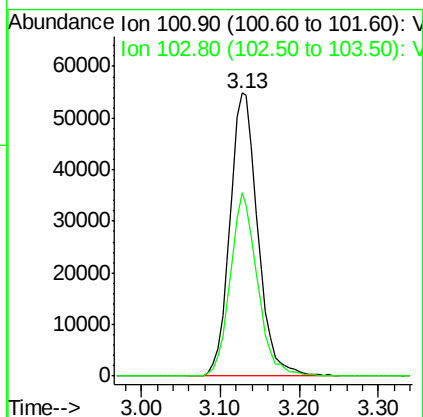
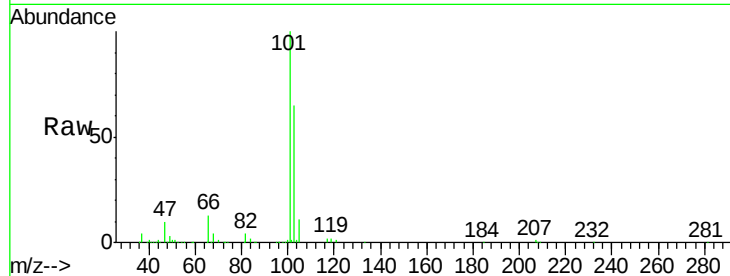
Trichlorofluoromethane
 Concen: 21.746 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.6	77.4

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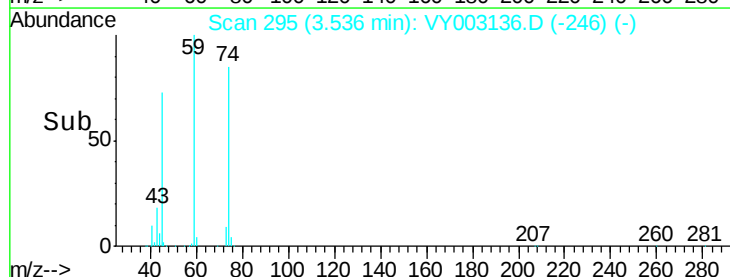
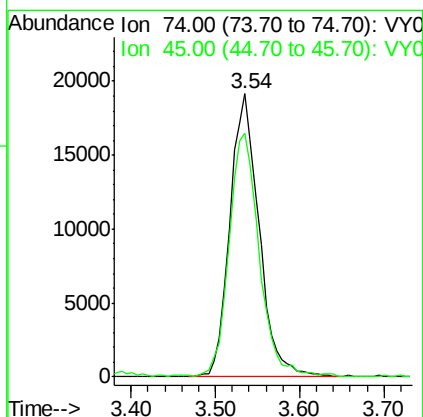
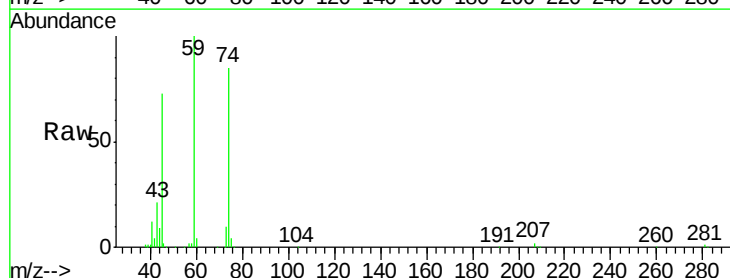
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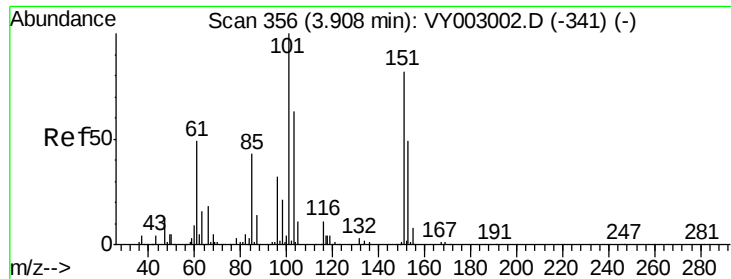


#8

Diethyl Ether
 Concen: 21.141 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.7	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.868 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

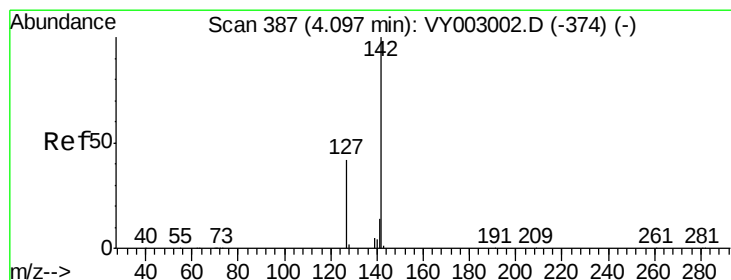
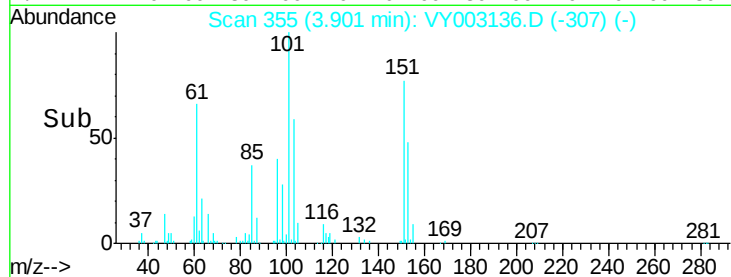
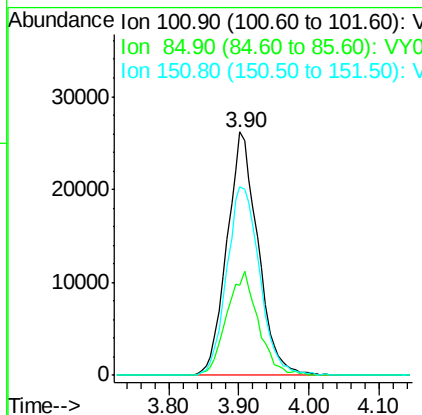
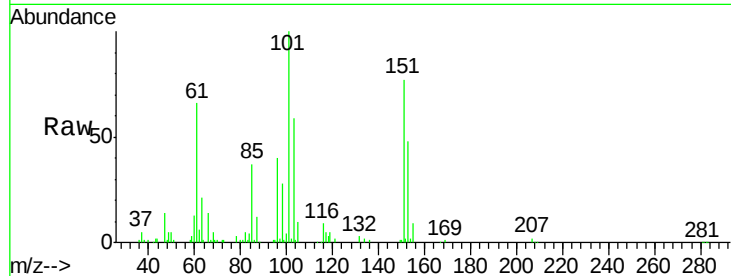
ClientSampleId :

VY0708SBS01

Tot Ion:	101	Resp:	80791
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.5	53.3
151	82.1	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.375 ug/l

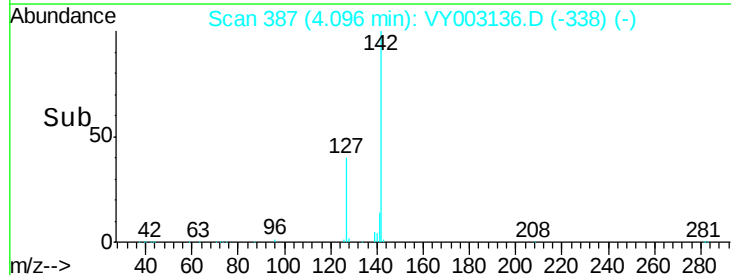
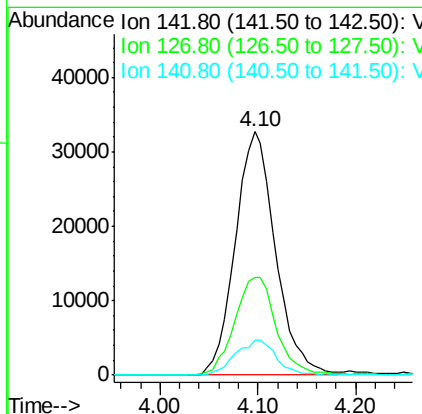
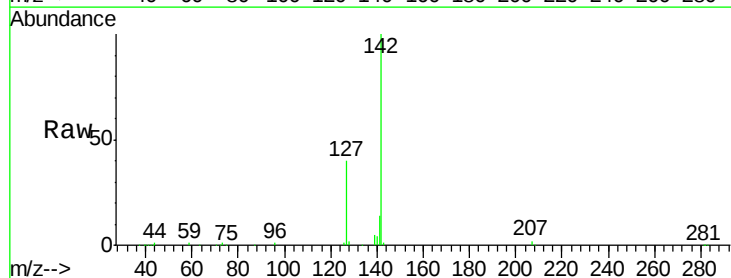
RT: 4.10 min Scan# 387

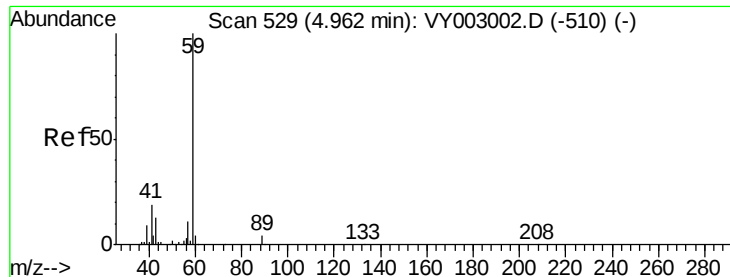
Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Tgt Ion:	142	Resp:	93339
Ion Ratio	Lower	Upper	
142	100		
127	41.6	34.2	51.2
141	14.8	11.7	17.5





#11

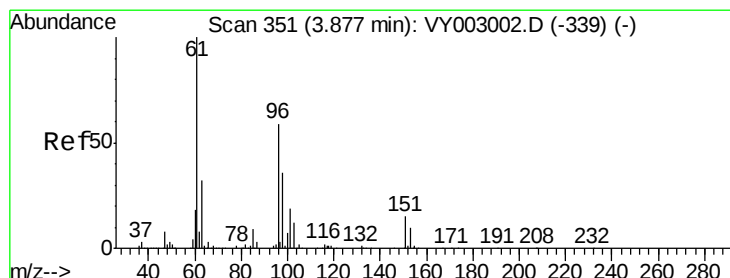
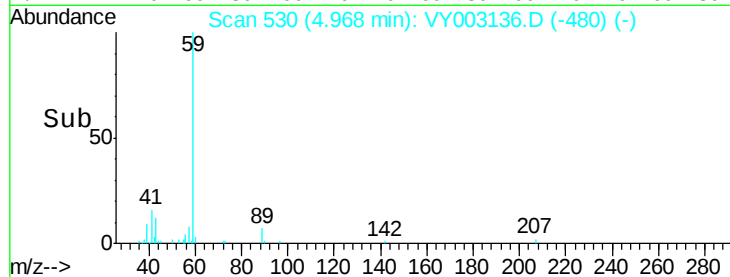
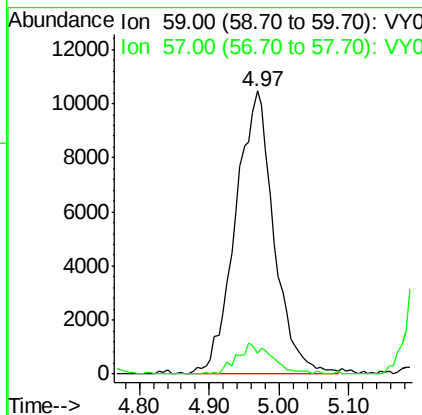
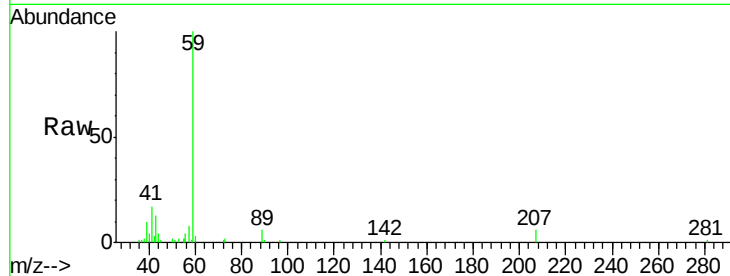
Tert butyl alcohol
 Concen: 97.478 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	39983		
57	57	9.9		8.0	12.0

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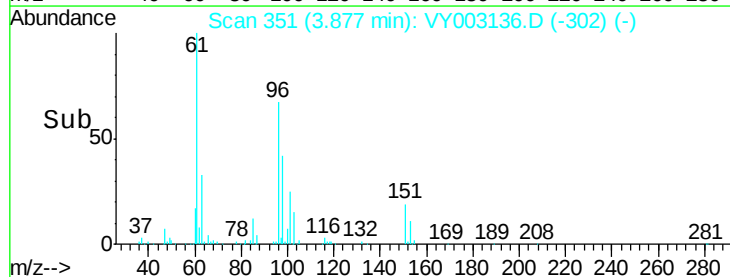
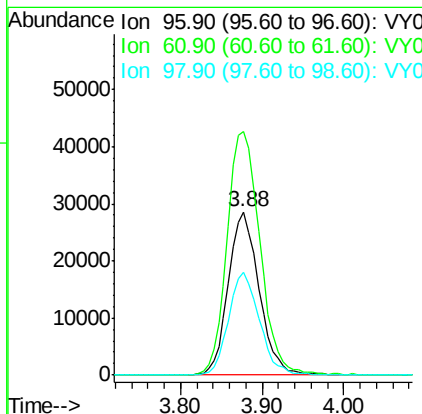
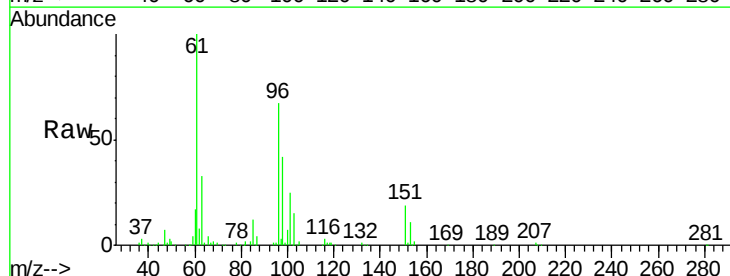
MMDadoda
 7/9/2020 10:48:51 AM

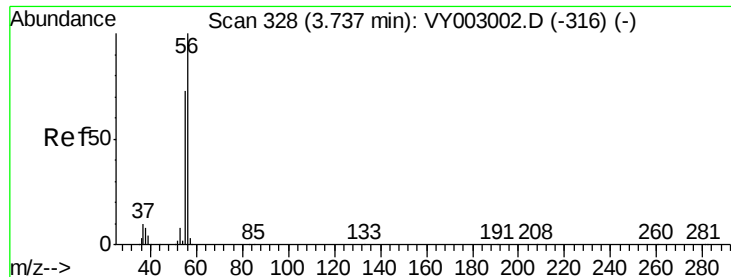


#12

1,1-Dichloroethene
 Concen: 21.203 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	74532		
61	61	148.9		136.7	205.1
98	98	62.6		49.7	74.5





#13

Acrolein

Concen: 78.000 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 56 Resp: 28735

Ion Ratio Lower Upper

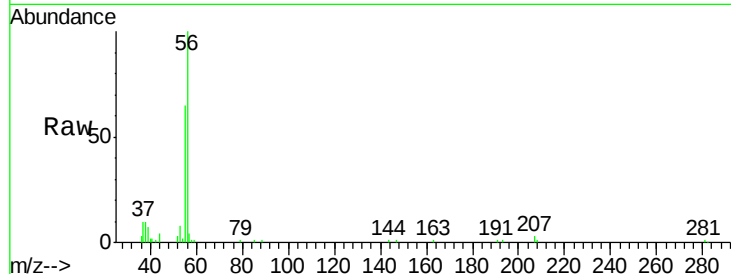
56 100

55 70.9 56.4 84.6

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

12000

10000

8000

6000

4000

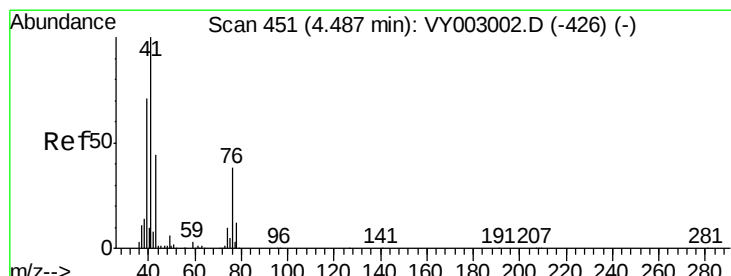
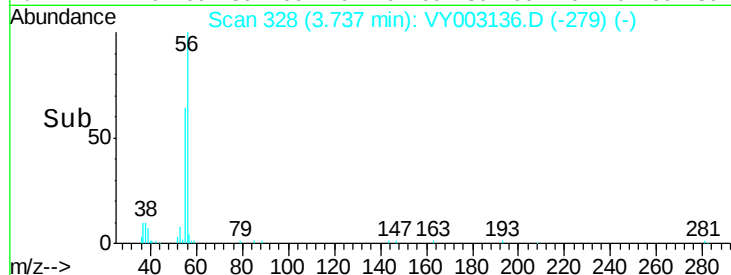
2000

0

3.74

3.70 3.80

Time-->



#14

Allyl chloride

Concen: 17.992 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

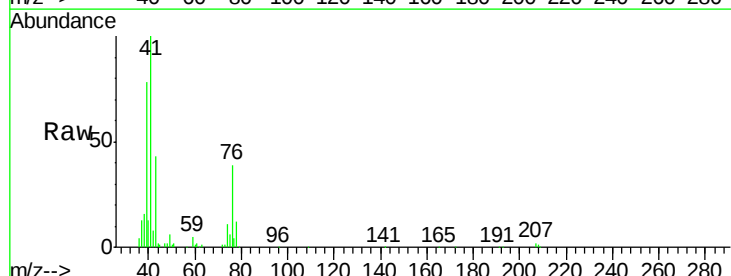
Tgt Ion: 41 Resp: 110424

Ion Ratio Lower Upper

41 100

39 70.9 55.6 83.4

76 38.7 28.6 43.0



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

50000

40000

30000

20000

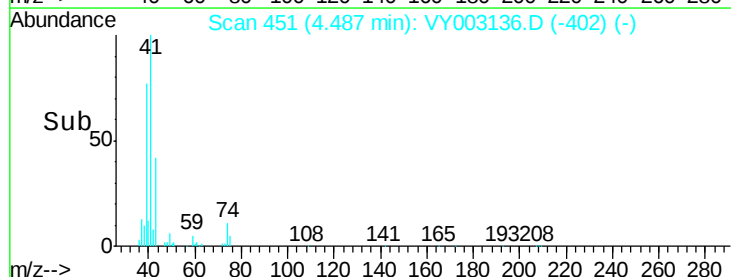
10000

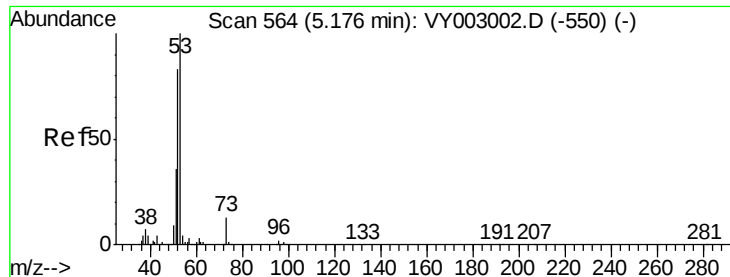
0

4.49

4.30 4.40 4.50 4.60 4.70

Time-->





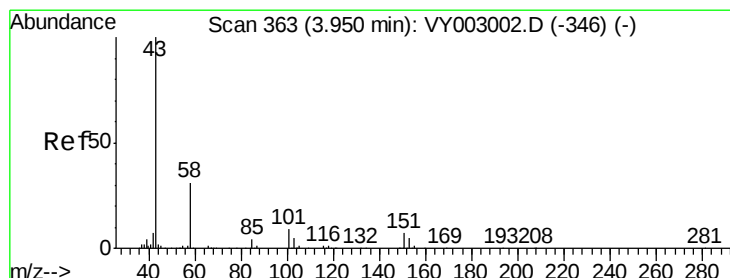
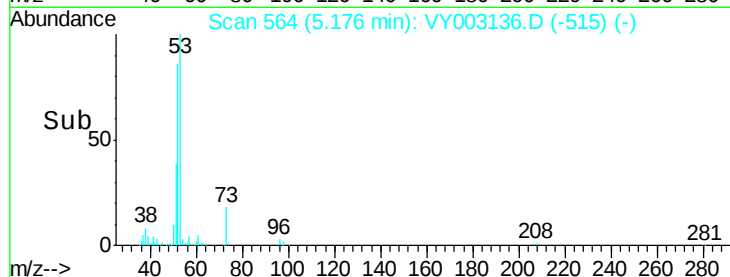
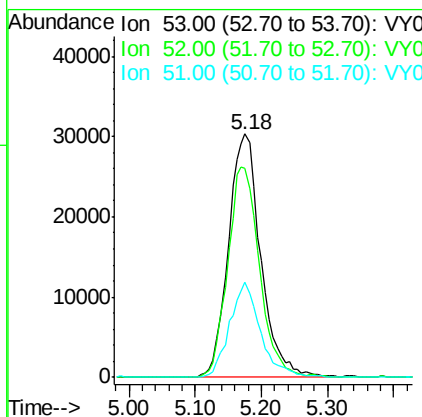
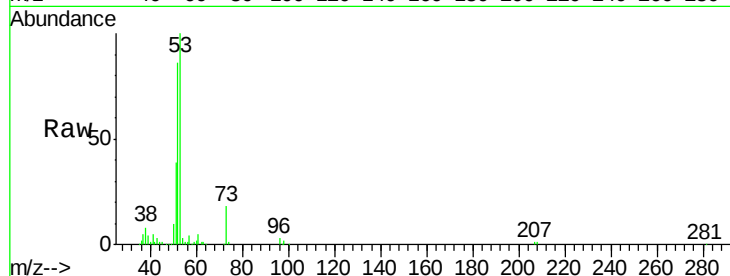
#15
 Acrylonitrile
 Concen: 93.838 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	53	Resp	102583
Ion	Ratio	Lower	Upper
53	100		
52	85.5	66.2	99.2
51	37.4	29.5	44.3

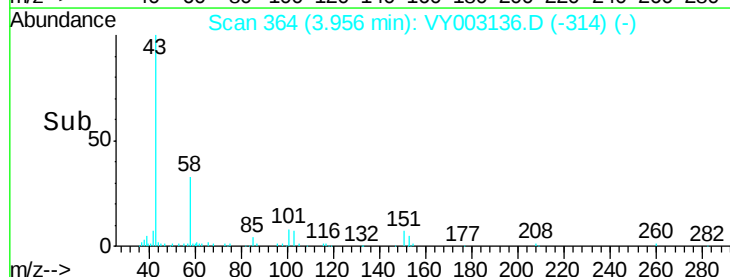
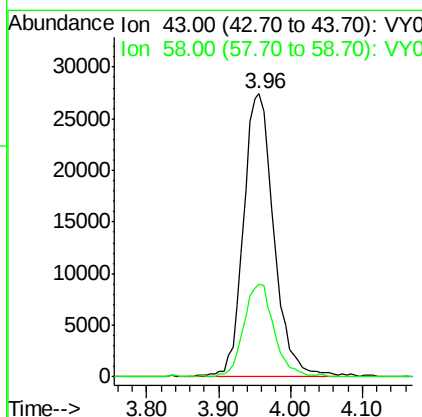
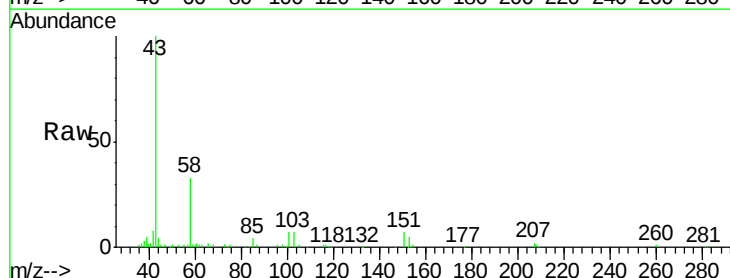
Manual Integrations
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#16
 Acetone
 Concen: 84.730 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion	43	Resp	80429
Ion	Ratio	Lower	Upper
43	100		
58	32.7	24.7	37.1





#17

Carbon Disulfide

Concen: 19.398 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 76 Resp: 217854

Ion Ratio Lower Upper

76 100

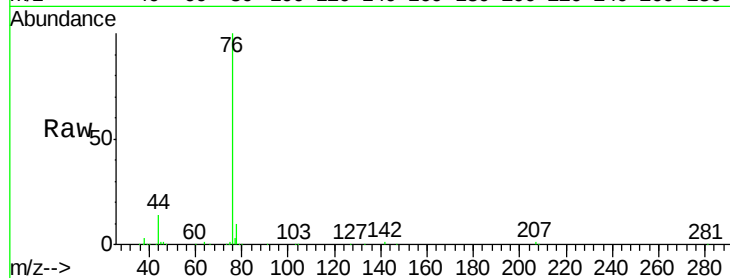
78 9.7 7.0 10.6

Manual Integrations

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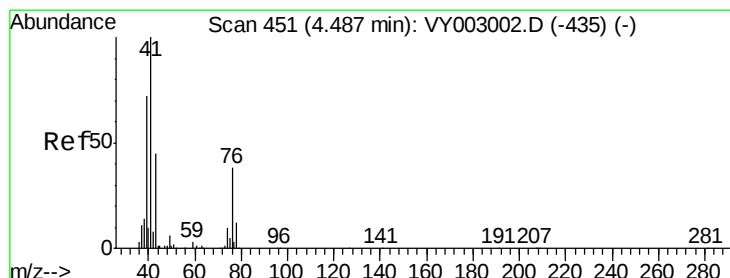
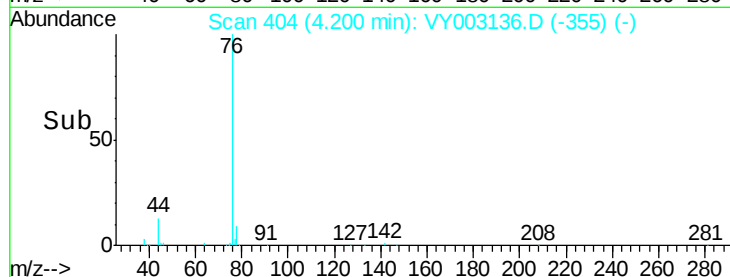
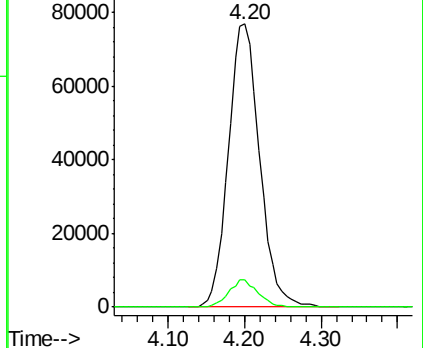
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.206 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003136.D

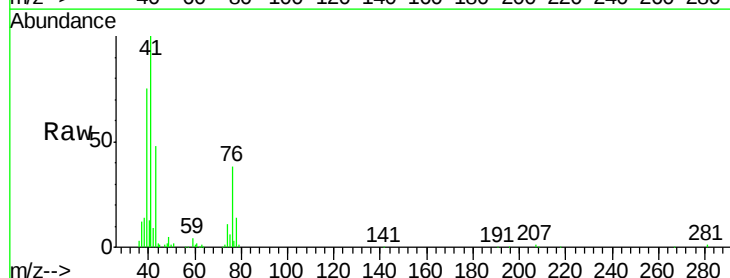
Acq: 08 Jul 2020 15:09

Tgt Ion: 43 Resp: 49118

Ion Ratio Lower Upper

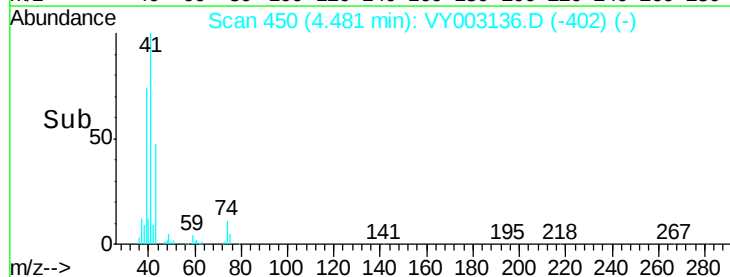
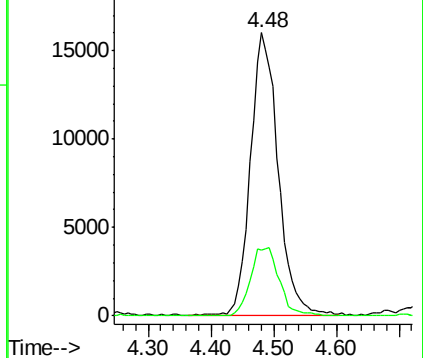
43 100

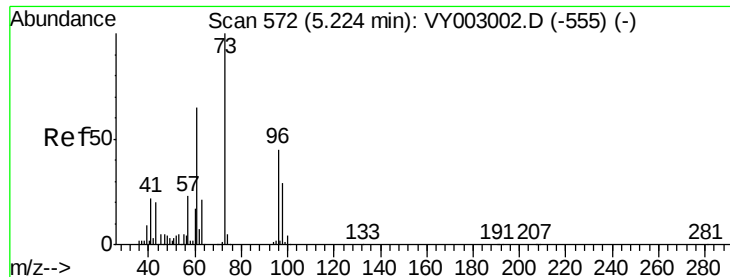
74 25.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





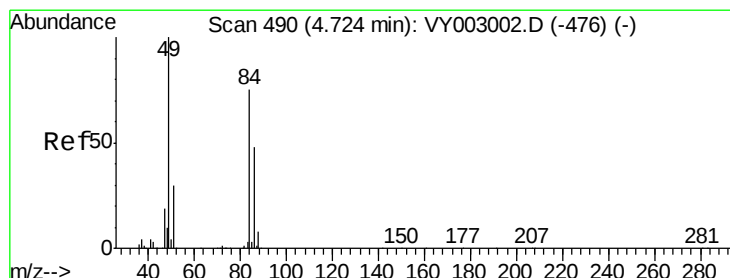
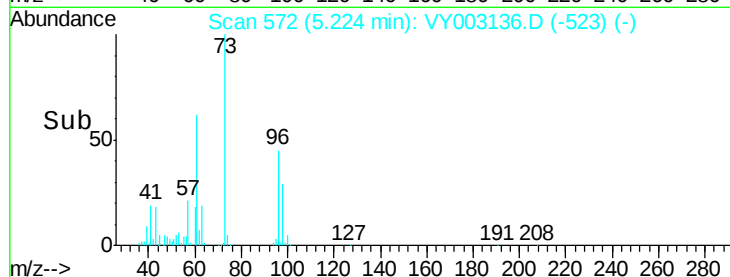
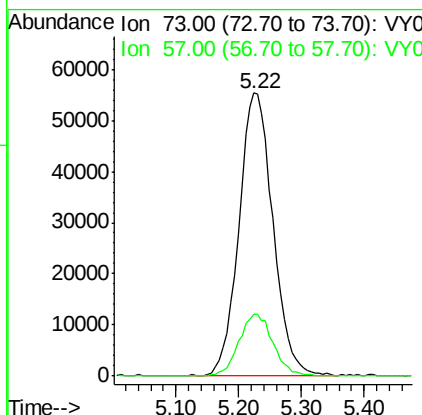
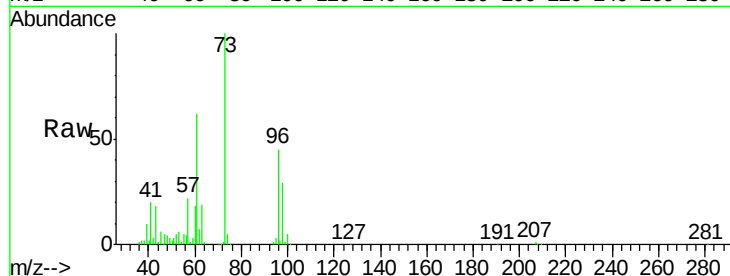
#19
Methvl tert-butvl Ether
Concen: 20.286 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion: 73 Resp: 207860
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.2

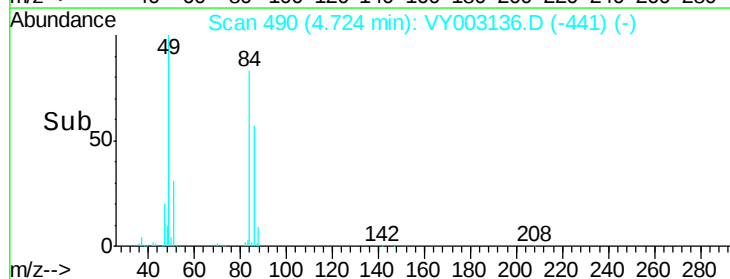
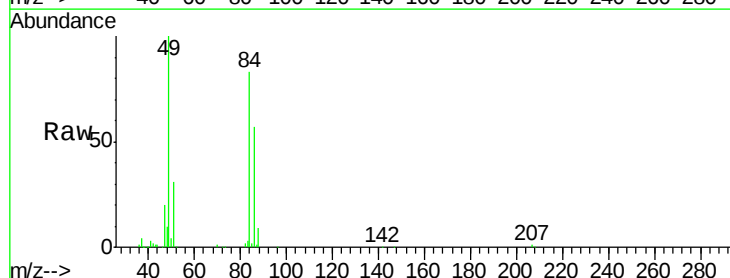
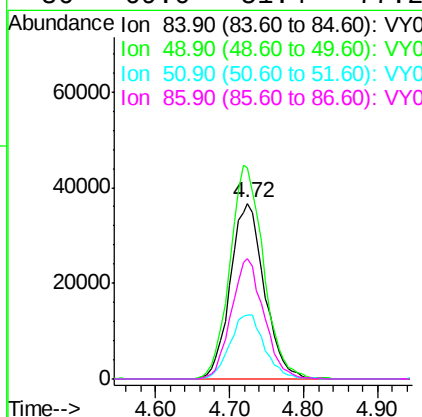
Manual Integrations
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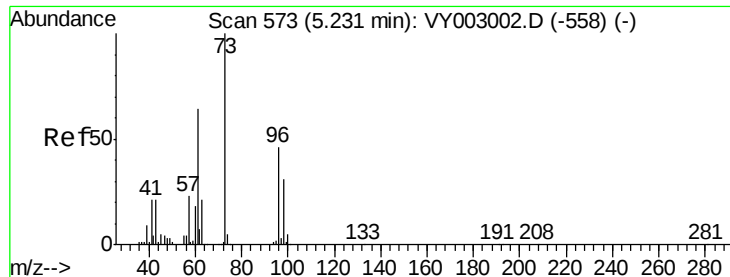
MMDadoda
7/9/2020 10:48:51 AM



#20
Methylene Chloride
Concen: 24.239 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 84 Resp: 117886
Ion Ratio Lower Upper
84 100
49 120.2 106.8 160.2
51 36.8 32.0 48.0
86 69.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.982 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

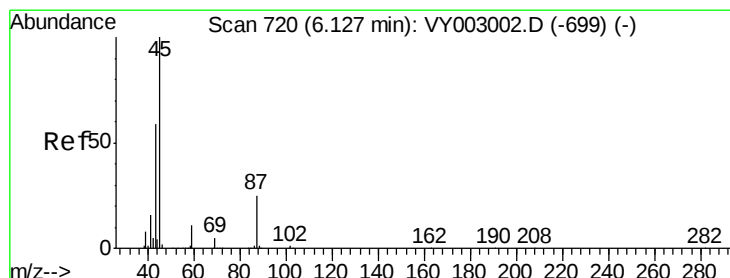
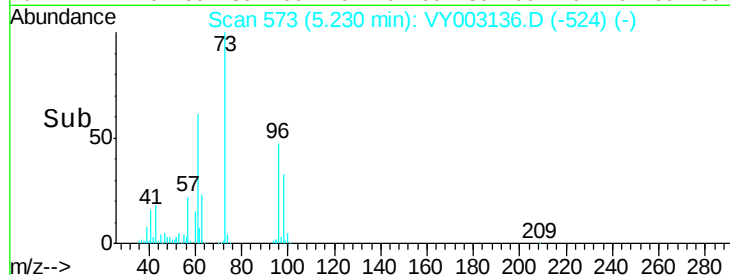
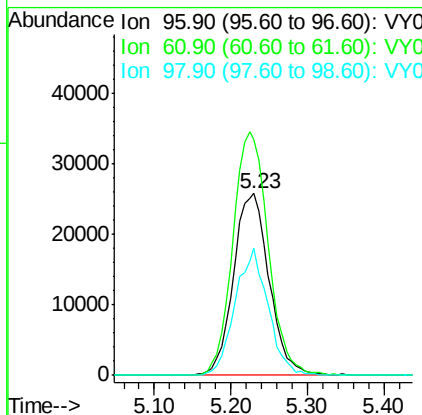
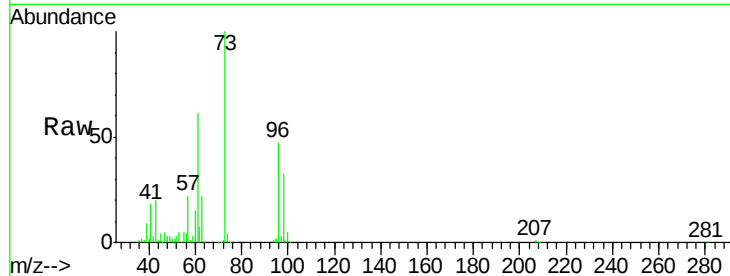
ClientSampleId :

VY0708SBS01

Tot Ion:	96	Resp:	83426
Ion	Ratio	Lower	Upper
96	100		
61	129.8	112.3	168.5
98	69.9	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.756 ug/l

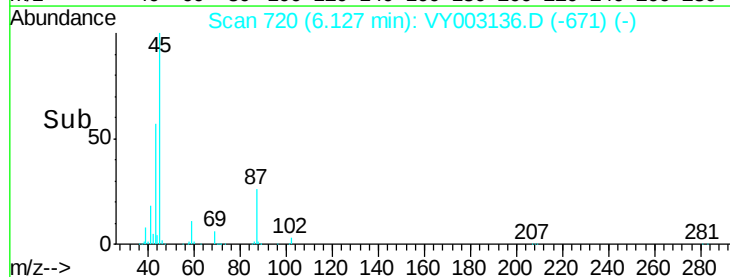
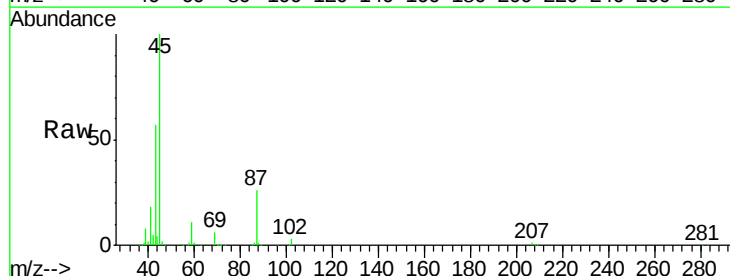
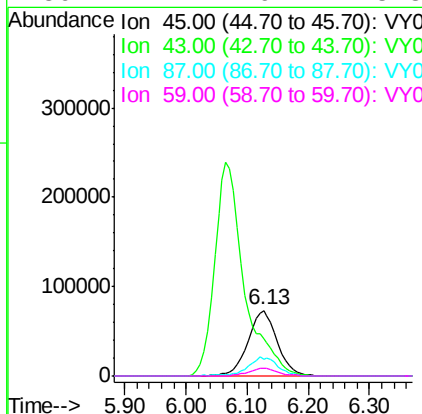
RT: 6.13 min Scan# 720

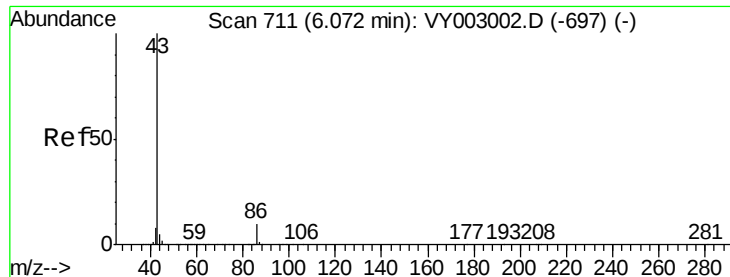
Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Tgt Ion:	45	Resp:	246717
Ion	Ratio	Lower	Upper
45	100		
43	56.4	47.4	71.2
87	26.4	20.2	30.2
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 91.770 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 43 Resp: 807060

Ion Ratio Lower Upper

43 100

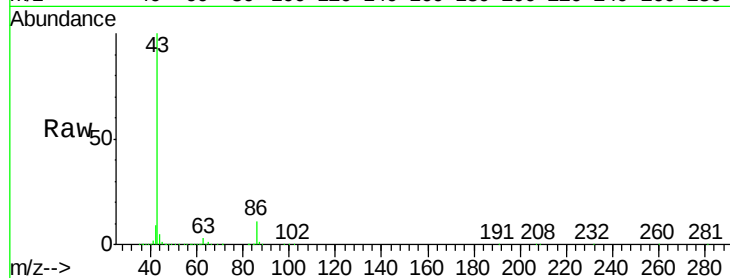
86 10.9 8.1 12.1

Manual Integrations

APPROVED

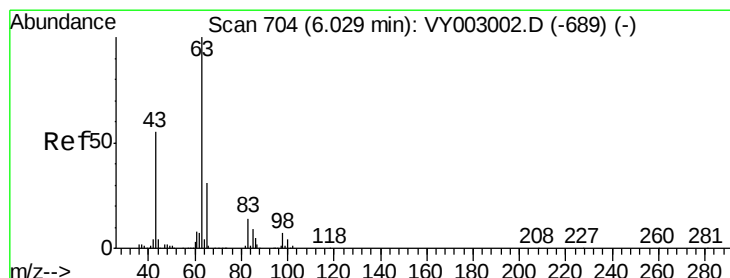
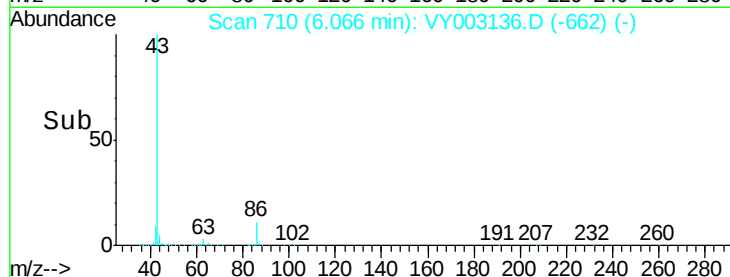
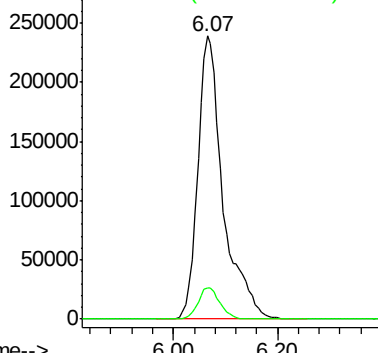
MMDadoda

7/9/2020 10:48:51 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.310 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

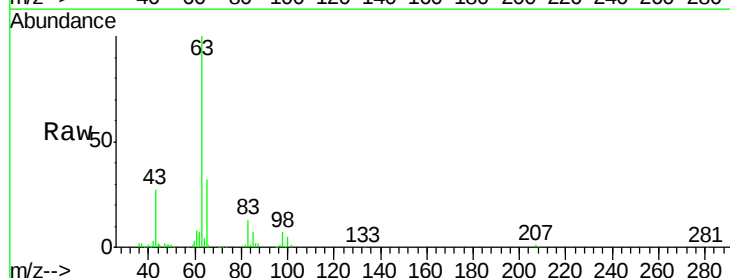
Tgt Ion: 63 Resp: 145938

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

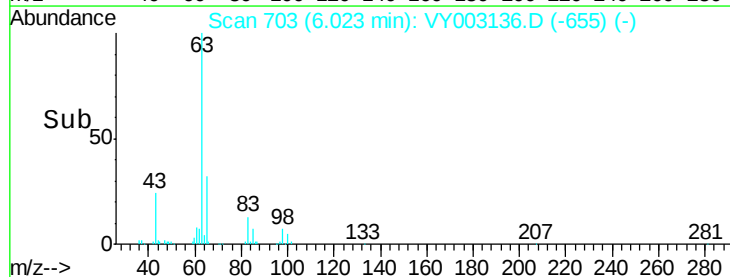
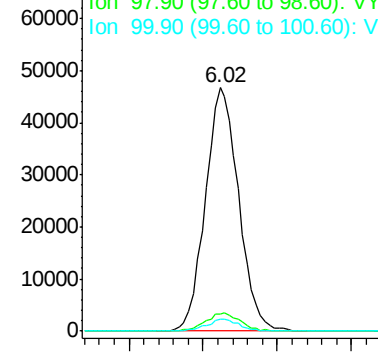
100 5.0 2.3 6.8

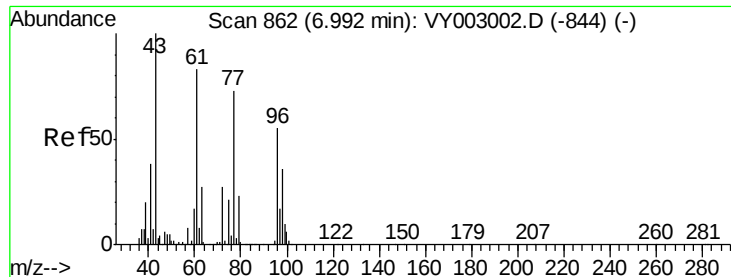


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 86.937 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 43 Resp: 131091

Ion Ratio Lower Upper

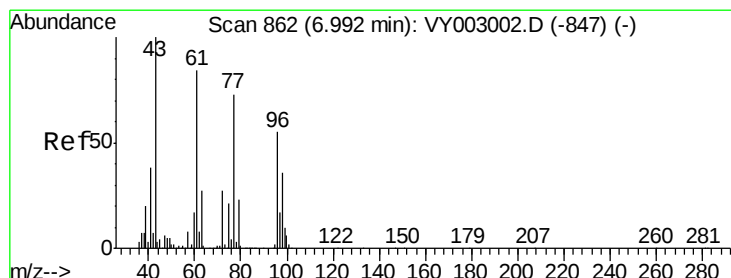
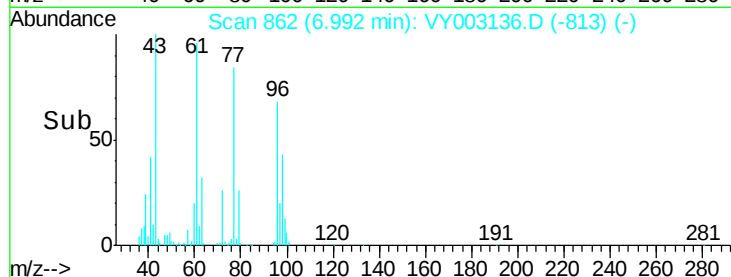
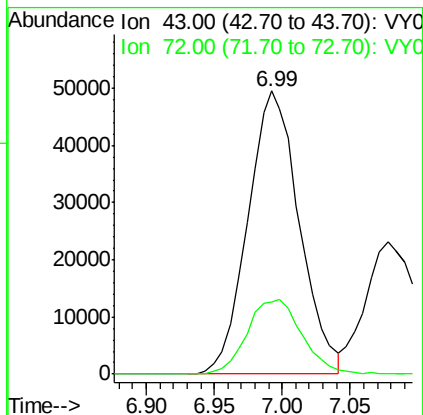
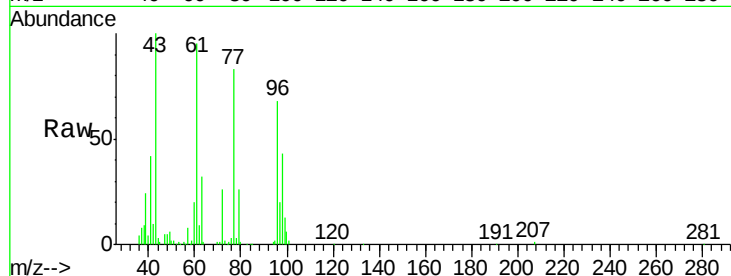
43 100

72 25.6 21.4 32.0

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7/9/2020 10:48:51 AM



#26

2,2-Dichloropropane

Concen: 19.848 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003136.D

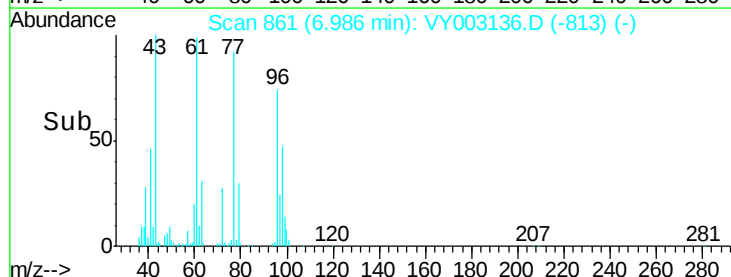
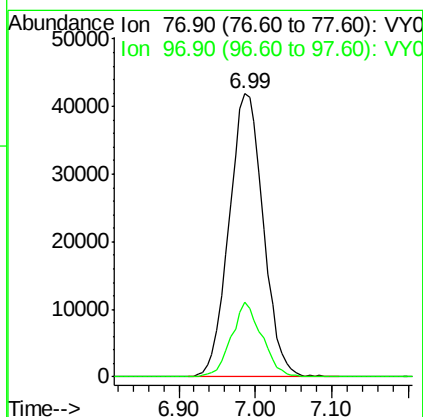
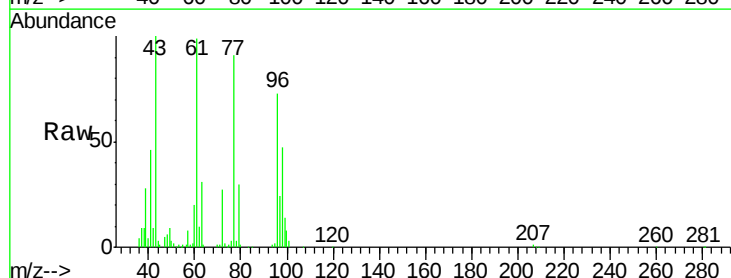
Acq: 08 Jul 2020 15:09

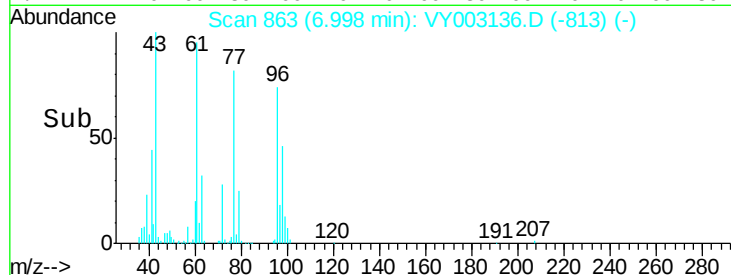
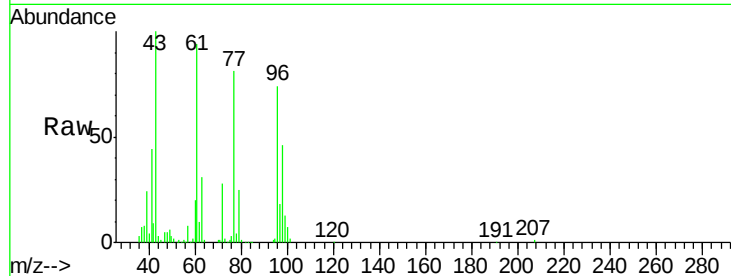
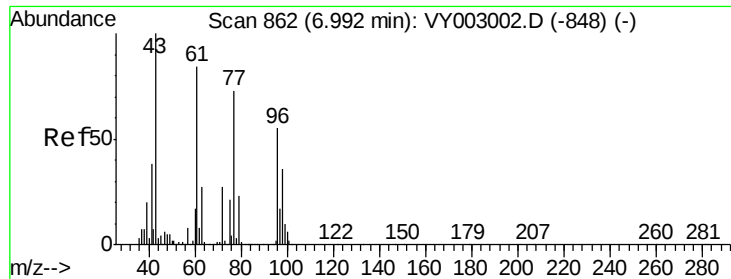
Tgt Ion: 77 Resp: 129577

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 21.170 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003136.D

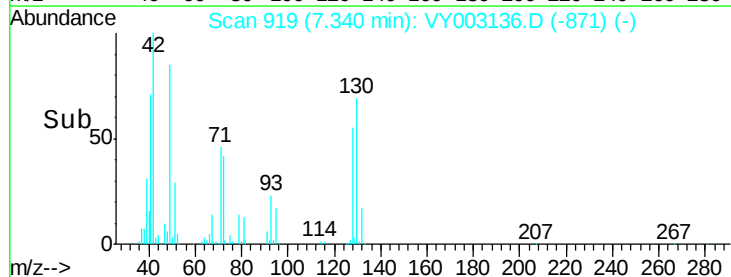
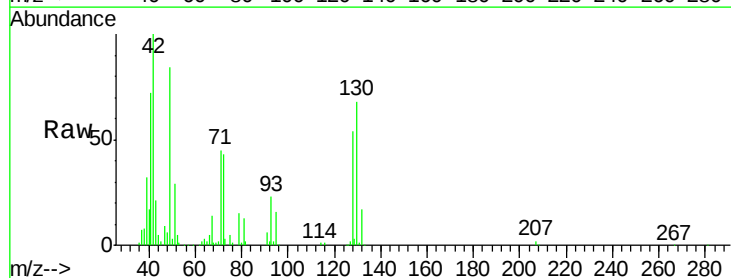
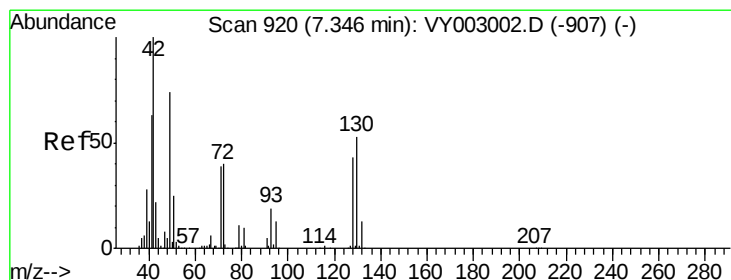
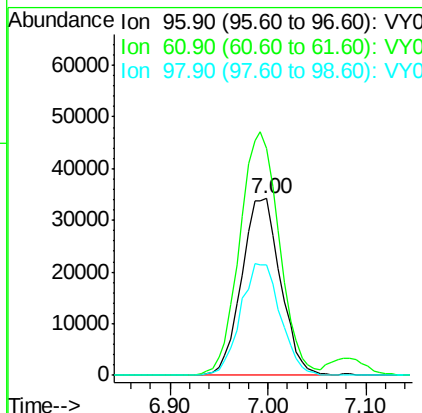
Acq: 08 Jul 2020 15:09

Tot Ion:	96	Resp:	94411
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	301.2
98	64.8	0.0	129.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Manual Integrations
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#28

Bromochloromethane

Concen: 17.428 ug/l

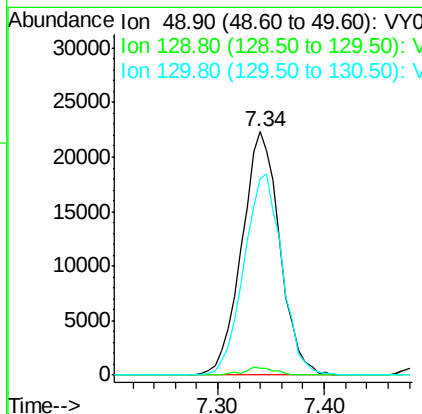
RT: 7.34 min Scan# 919

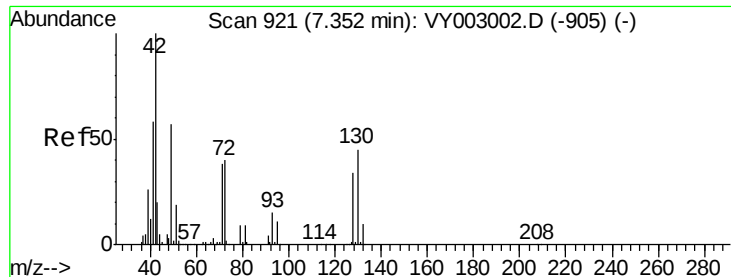
Delta R.T. -0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Tgt Ion:	49	Resp:	55720
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	82.8	57.0	85.6





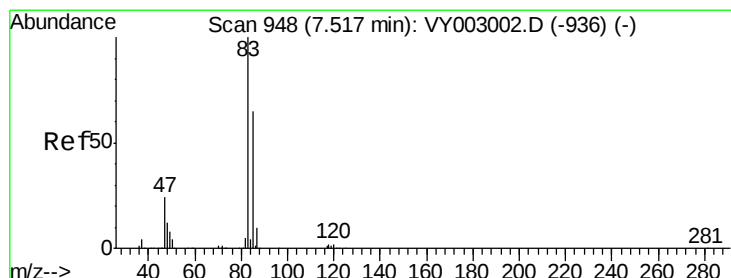
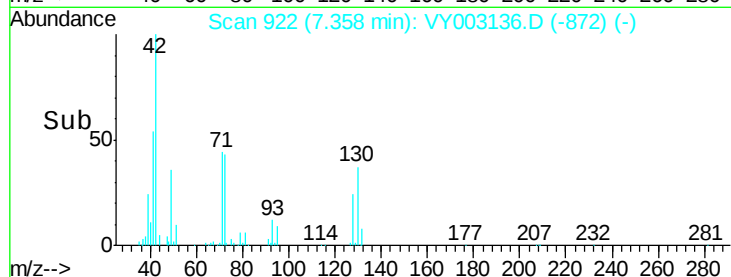
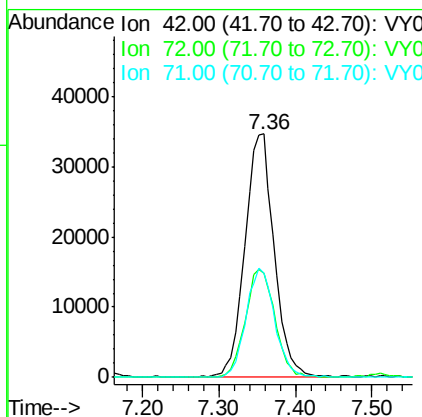
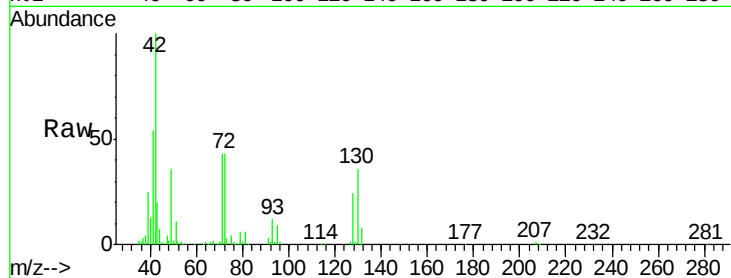
#29
Tetrahydrofuran
Concen: 92.162 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	32.9	49.3
71	43.9	31.2	46.8

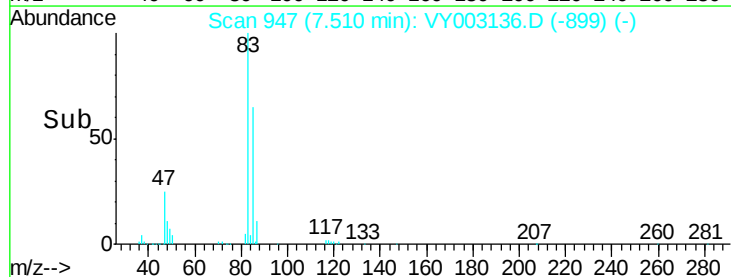
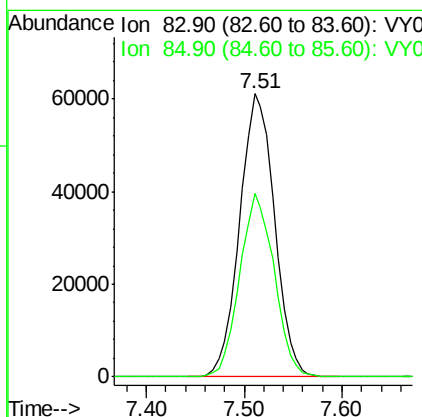
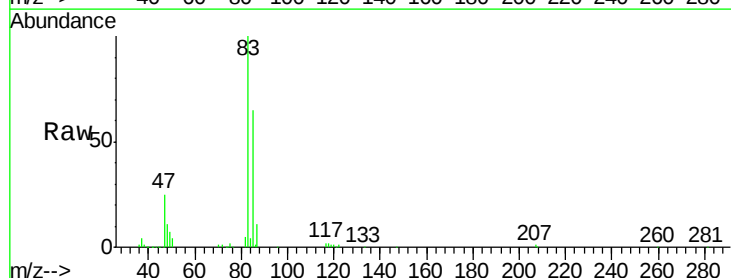
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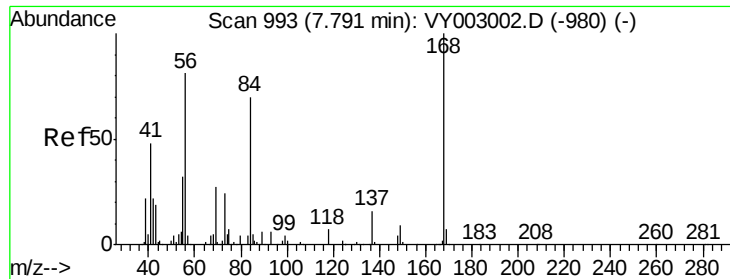
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#30
Chloroform
Concen: 21.220 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.7	77.5





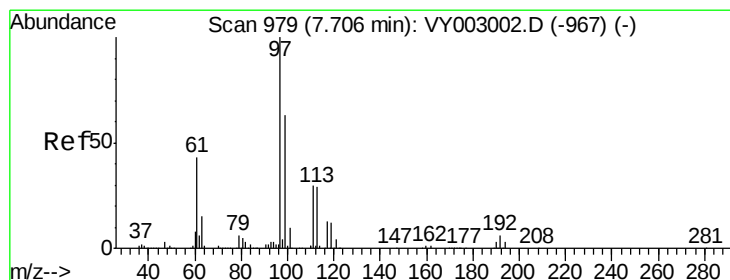
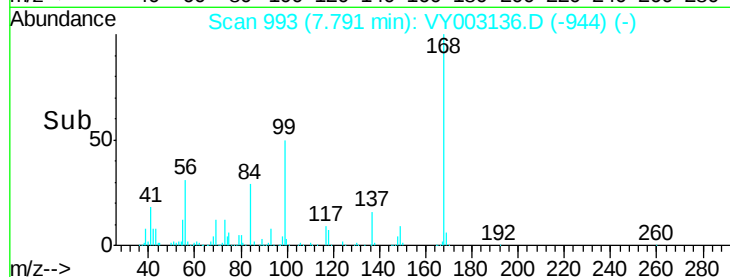
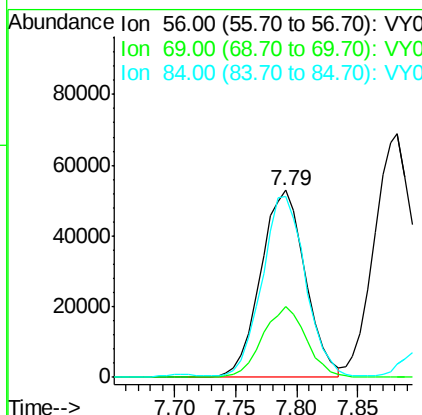
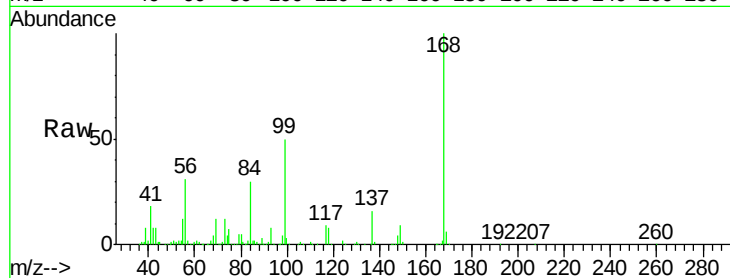
#31
Cyclohexane
Concen: 19.030 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.8	27.0	40.4
84	95.0	68.1	102.1

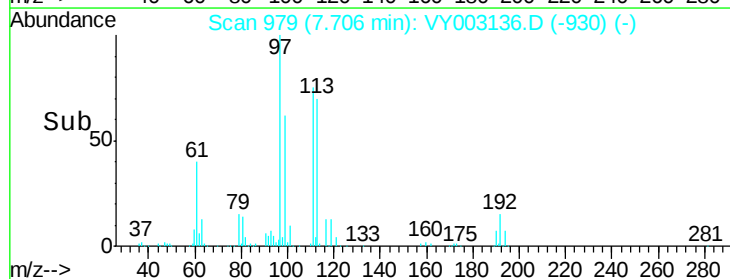
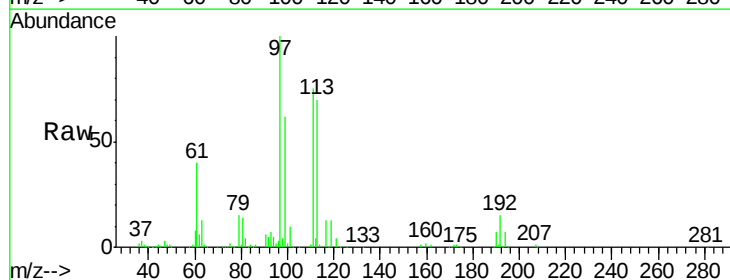
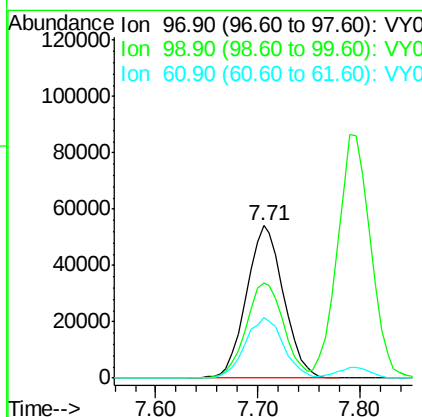
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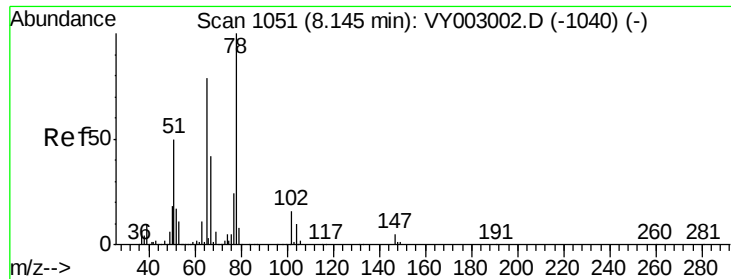
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#32
1,1,1-Trichloroethane
Concen: 21.162 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.2
61	40.9	33.9	50.9





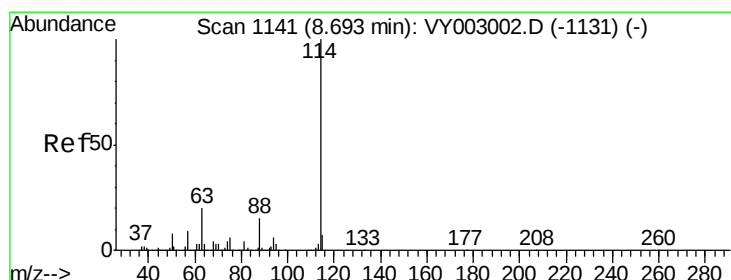
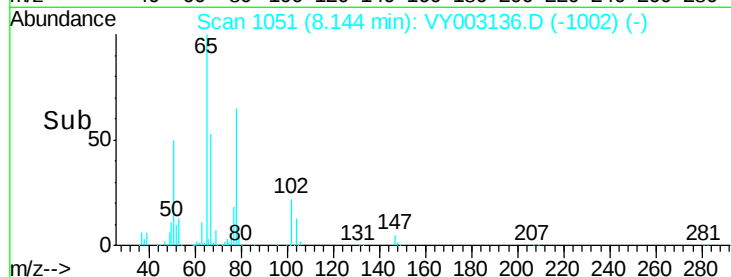
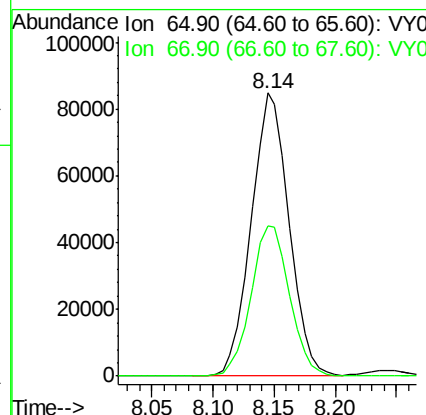
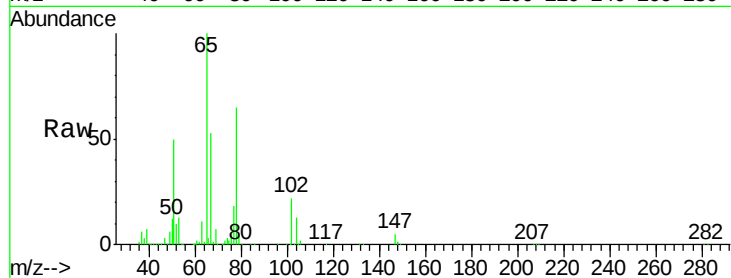
#33
 1,2-Dichloroethane-d4
 Concen: 45.345 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	182507		
67	54.1	0.0	105.6	

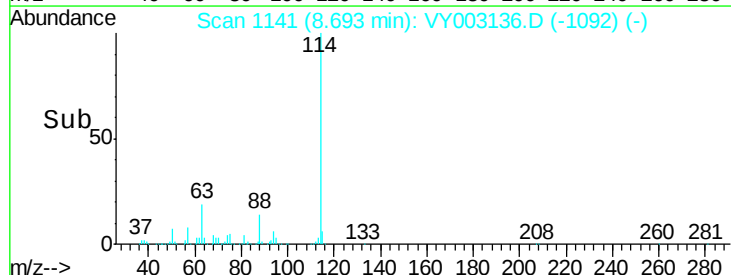
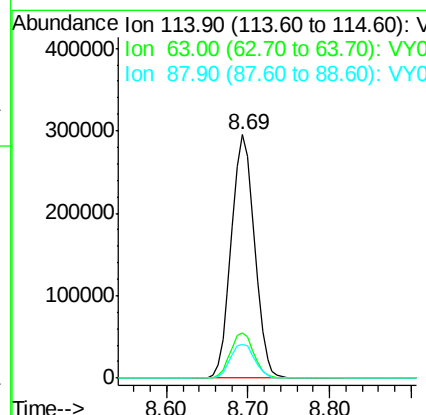
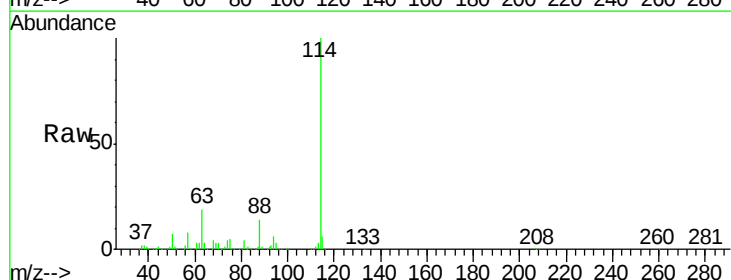
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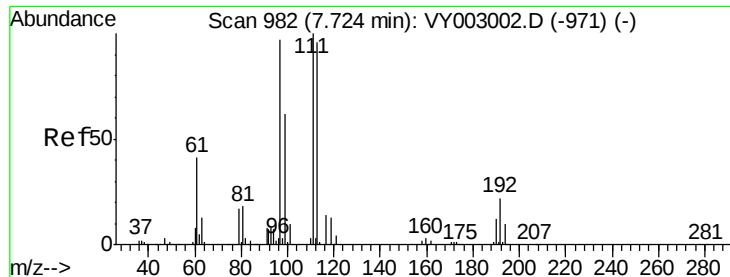
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	577864		
63	18.8	0.0	40.6	
88	14.1	0.0	30.0	





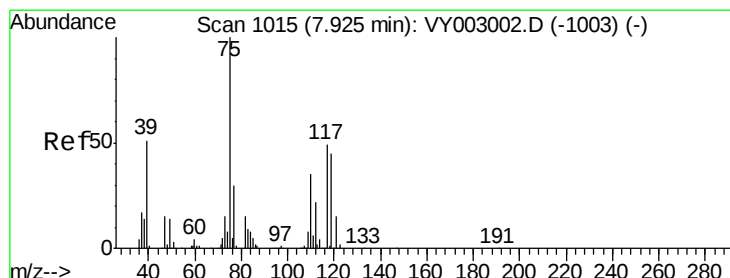
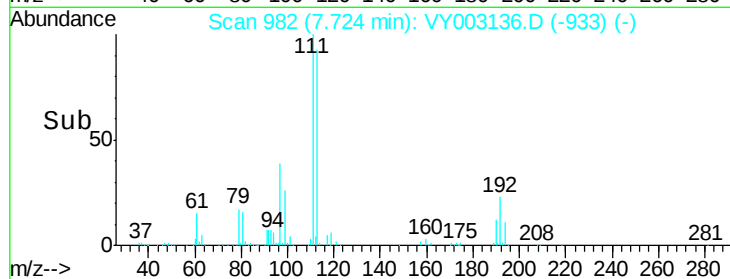
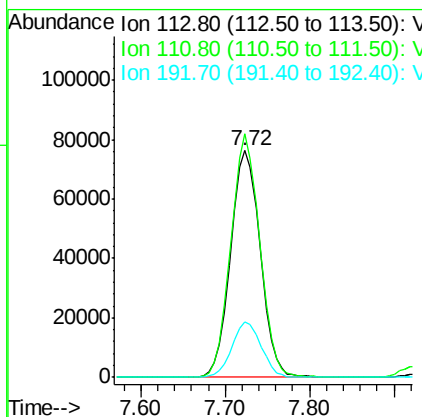
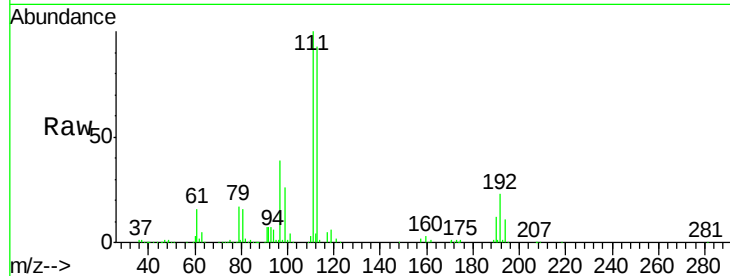
#35
Dibromofluoromethane
Concen: 50.330 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	181430		
111	104.6	82.6	123.8	
192	24.0	18.1	27.1	

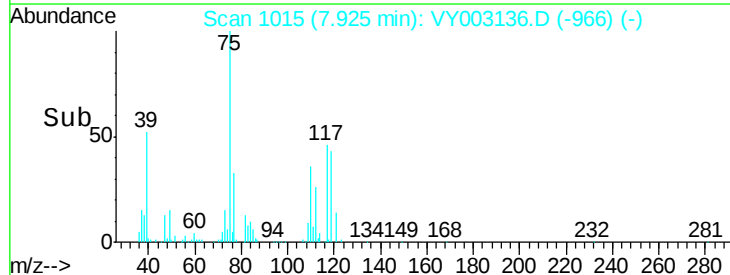
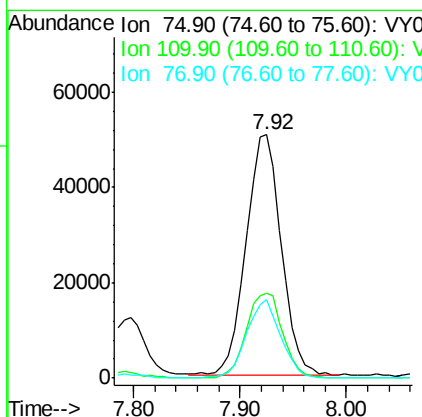
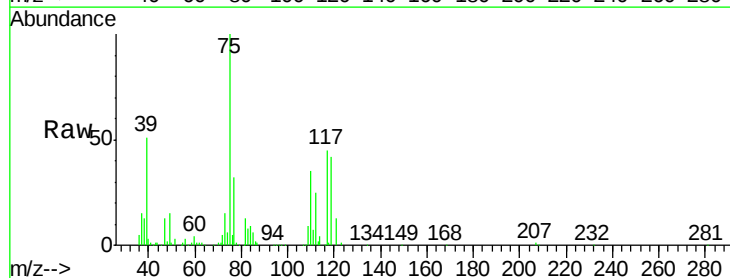
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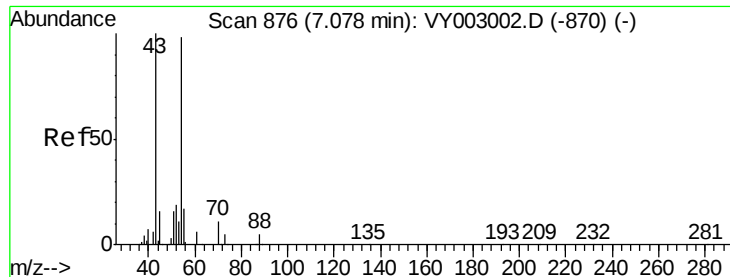
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#36
1,1-Dichloropropene
Concen: 21.088 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	117379		
110	36.4	17.1	51.2	
77	31.8	24.9	37.3	





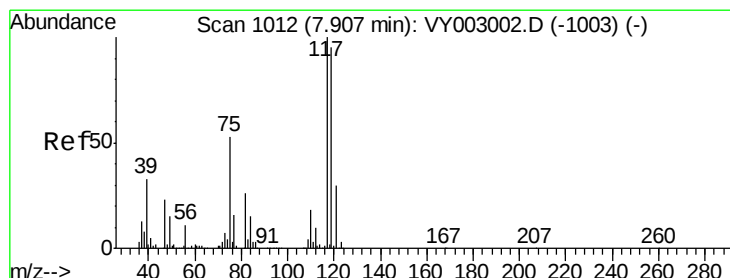
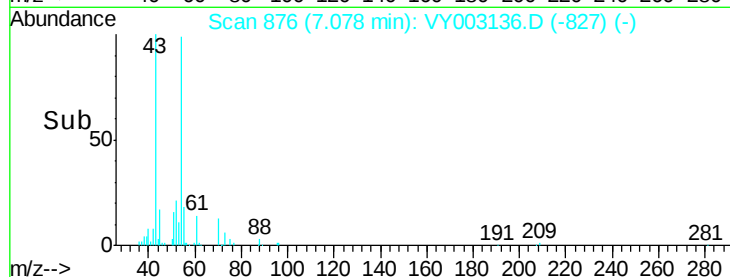
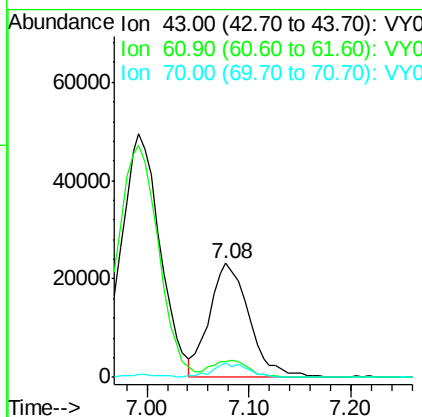
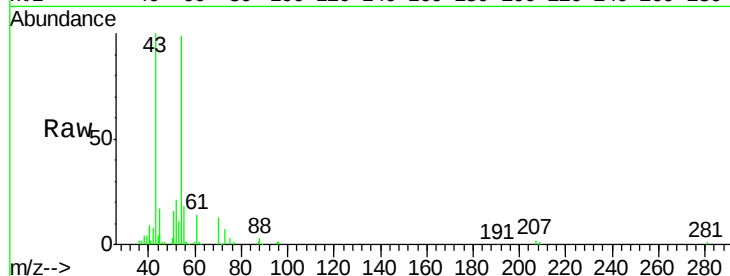
#37
Ethyl Acetate
Concen: 18.585 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	11.2	7.7	11.5

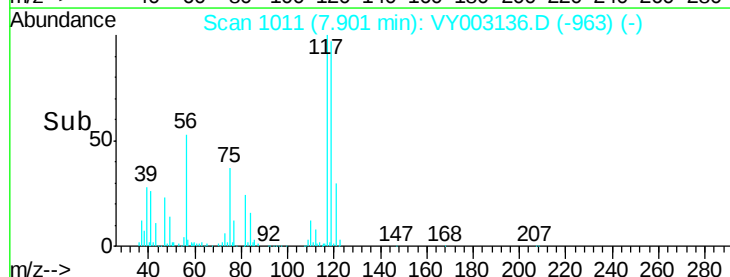
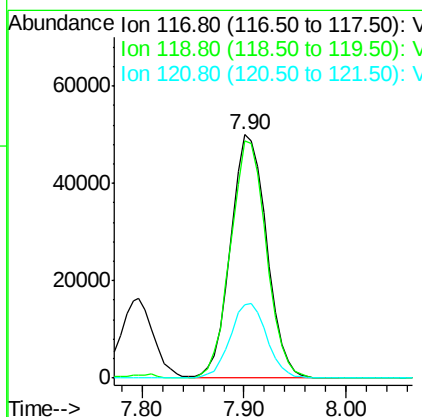
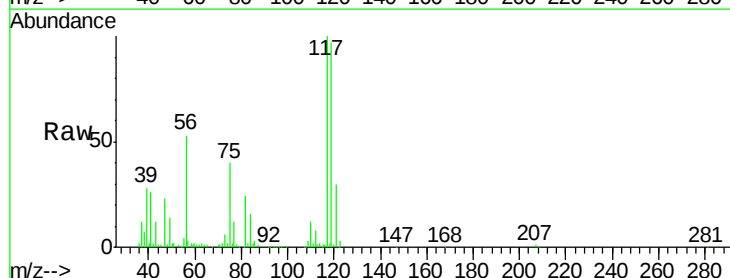
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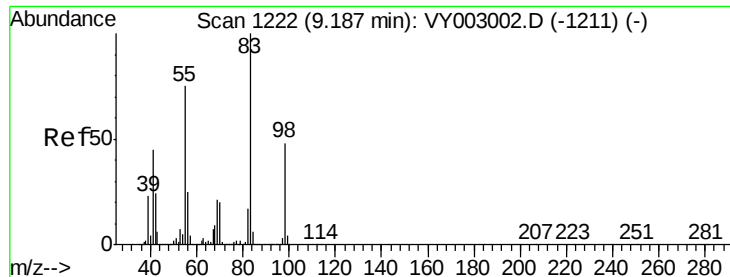
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#38
Carbon Tetrachloride
Concen: 21.204 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.7	113.5
121	30.1	23.9	35.9





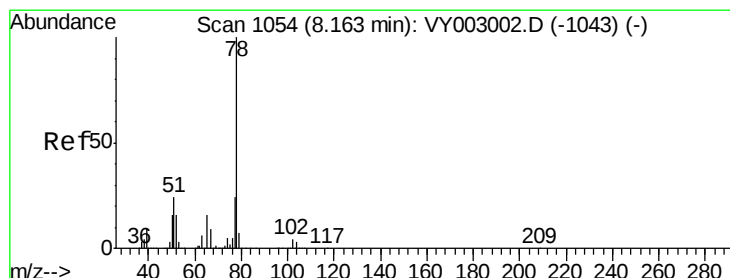
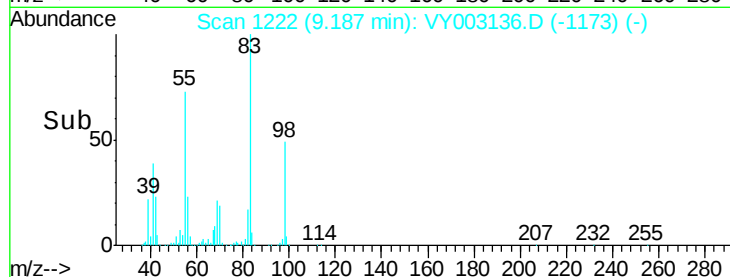
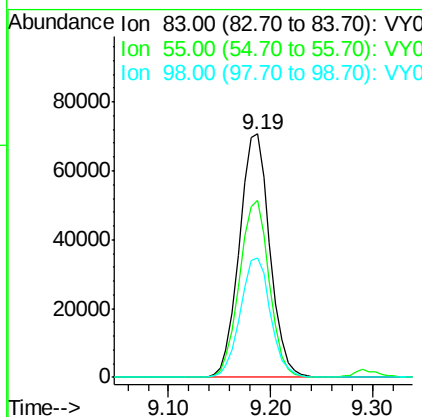
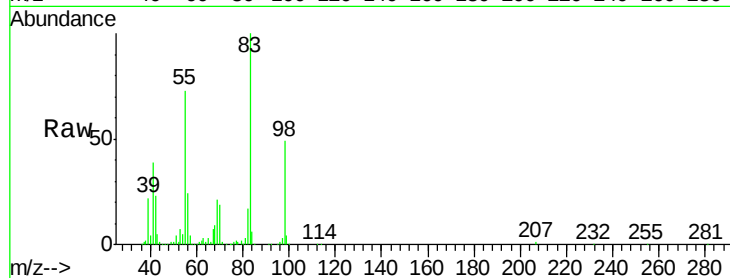
#39
Methvlcvclohexane
Concen: 21.225 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	59.9	89.9
98	49.1	38.7	58.1

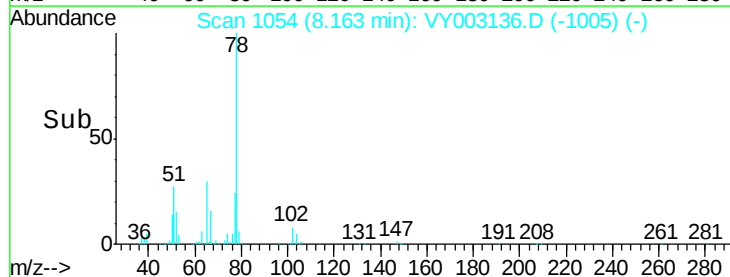
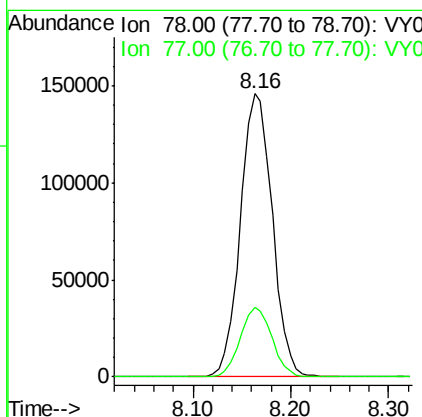
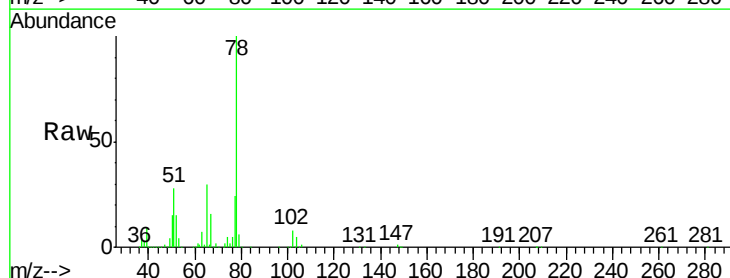
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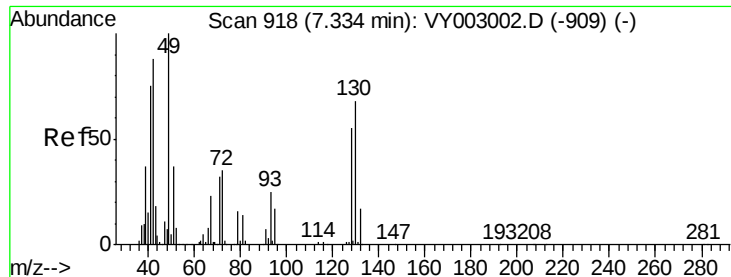
MMDadoda
7/9/2020 10:48:51 AM



#40
Benzene
Concen: 21.644 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





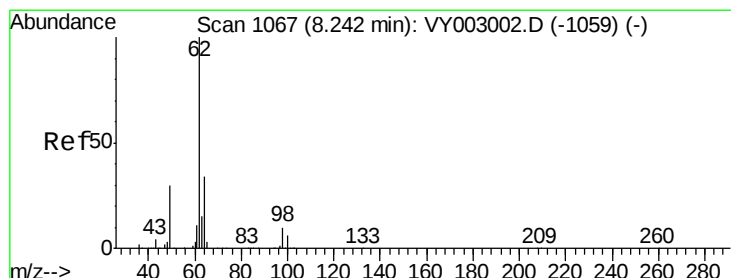
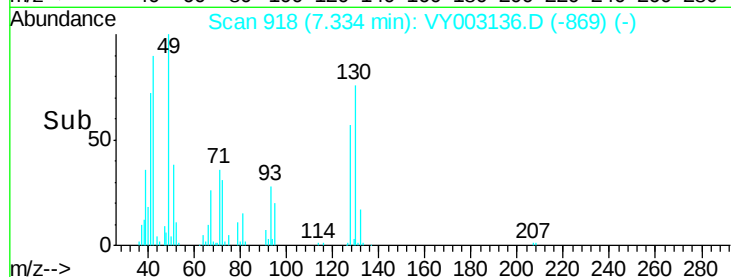
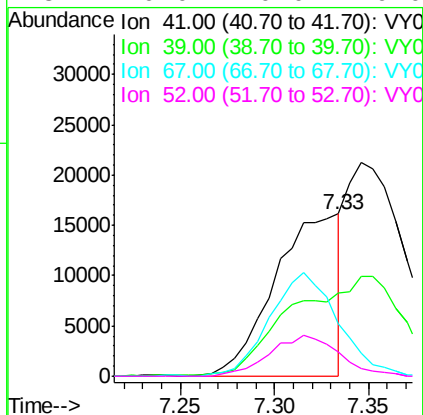
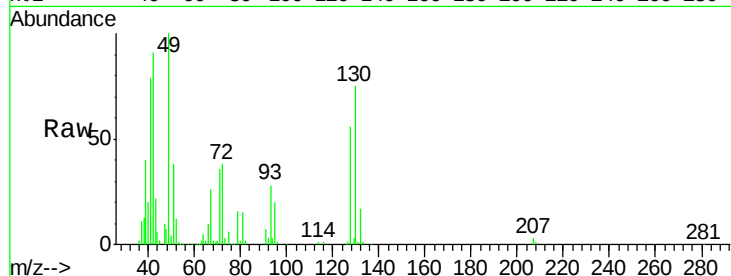
#41
Methacrylonitrile
Concen: 21.777 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	41	Resp	38932
Ion	Ratio	Lower	Upper
41	100		
39	105.9	85.7	128.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

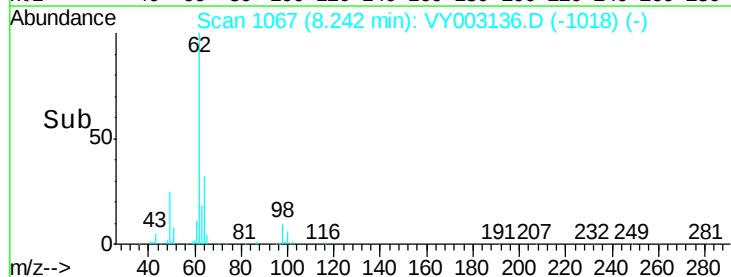
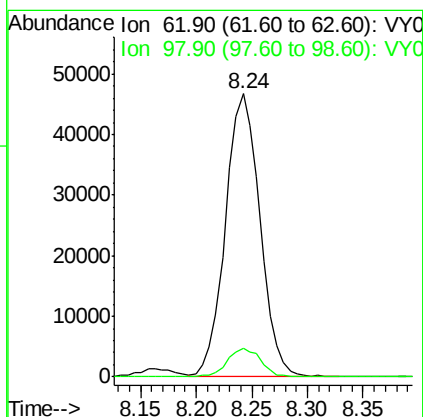
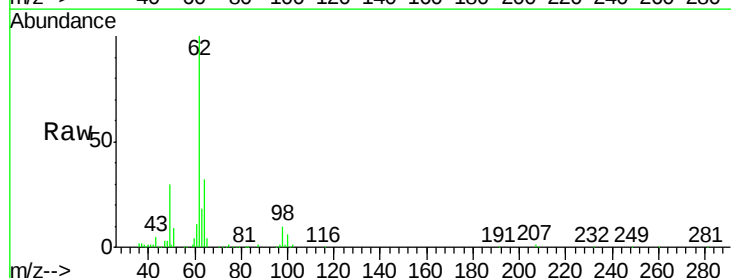
Manual Integrations
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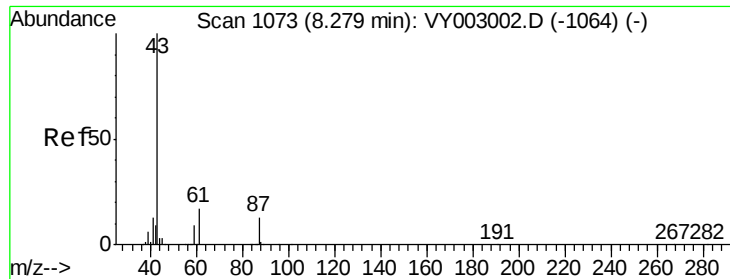
MMDadoda
7/9/2020 10:48:51 AM



#42
1,2-Dichloroethane
Concen: 20.758 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	62	Resp	100071
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.2





#43

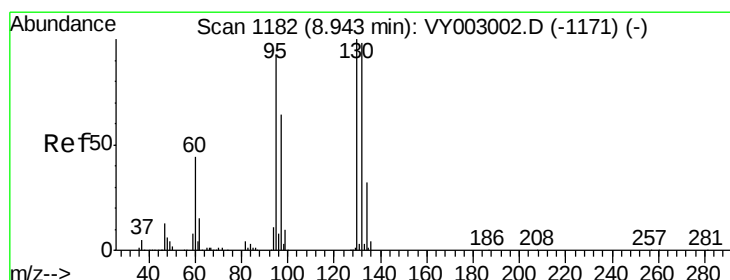
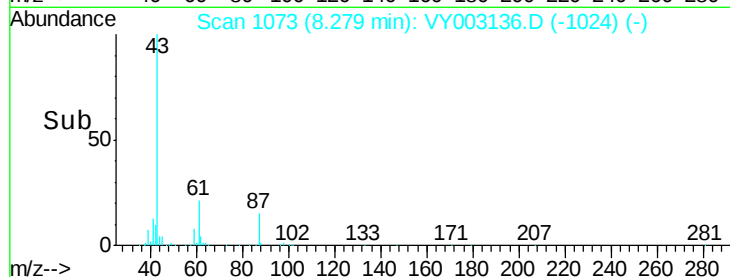
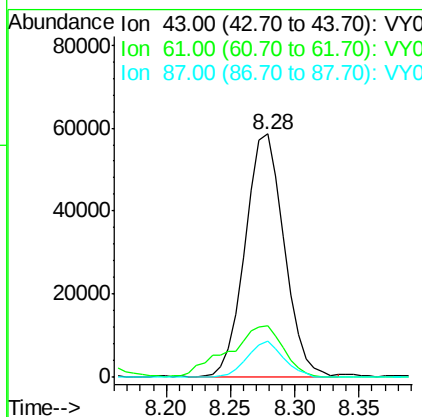
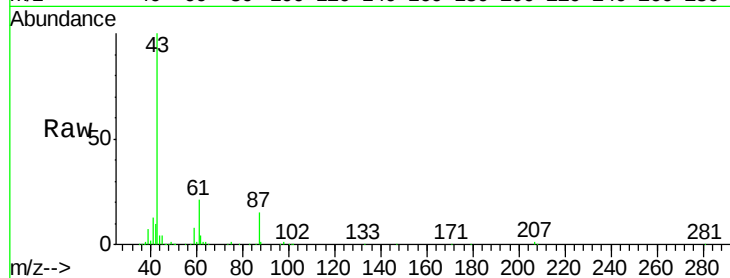
Isopropyl Acetate
 Concen: 19.217 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.0	21.8	32.6
87	14.0	10.1	15.1

Manual Integrations
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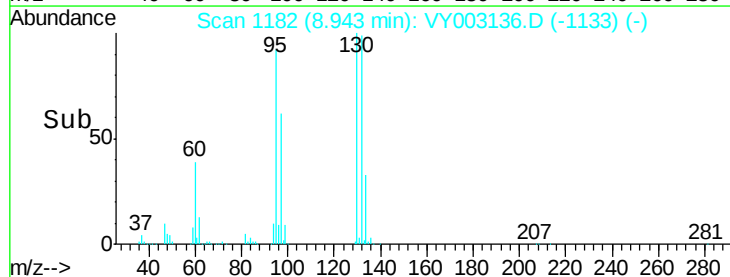
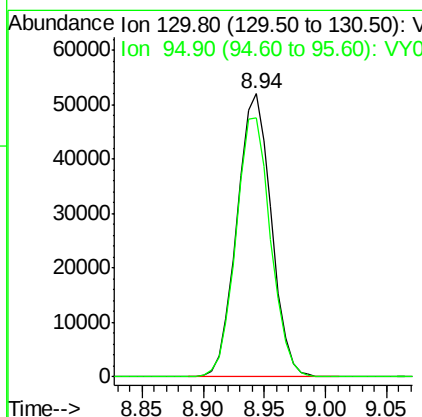
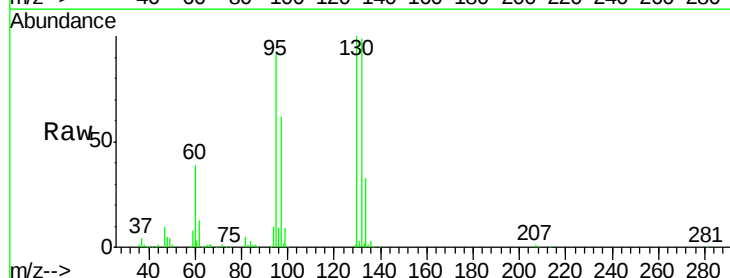
MMDadoda
 7/9/2020 10:48:51 AM

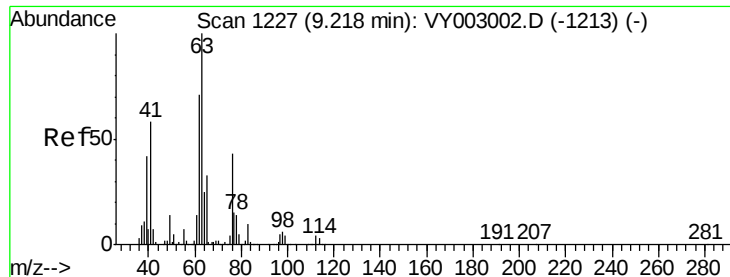


#44

Trichloroethene
 Concen: 22.812 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	186.4





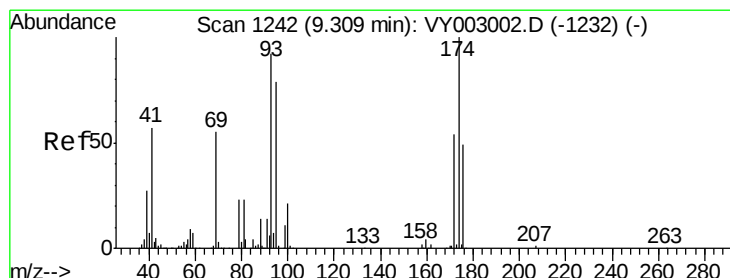
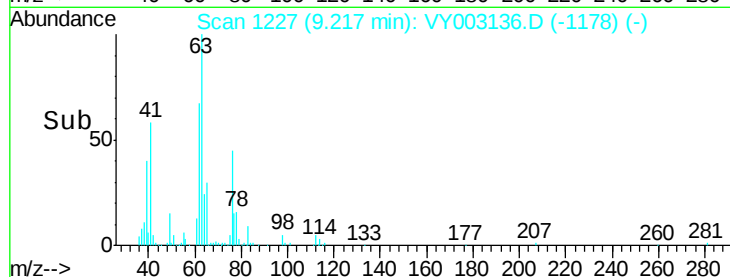
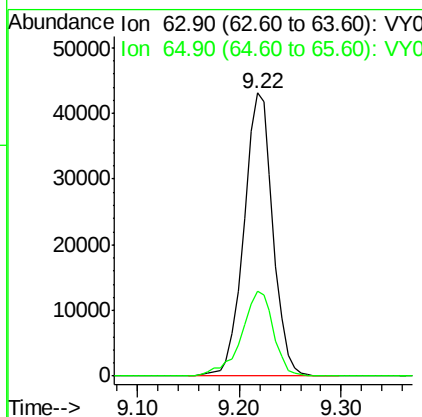
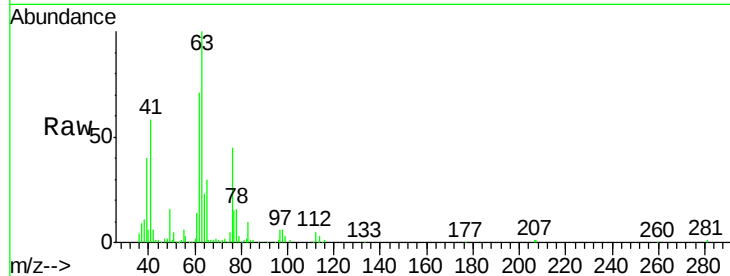
#45
 1,2-Dichloropropane
 Concen: 20.713 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	63	Resp	84920
Ion Ratio	Lower	Upper	
63	100		
65	29.8	26.2	39.4

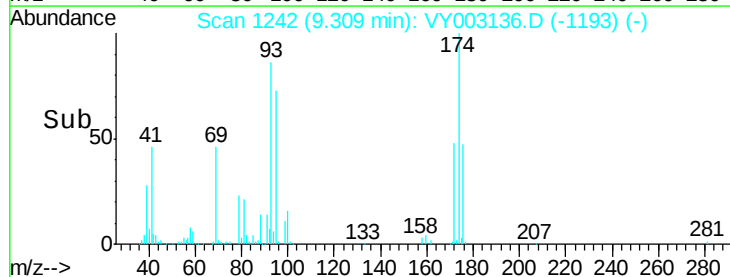
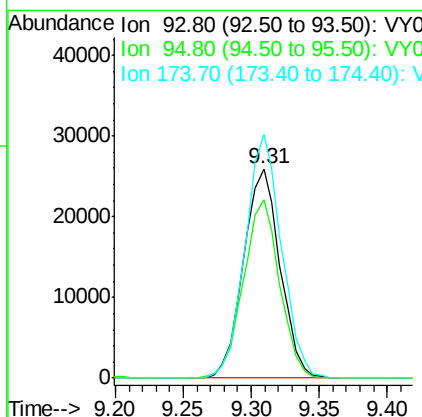
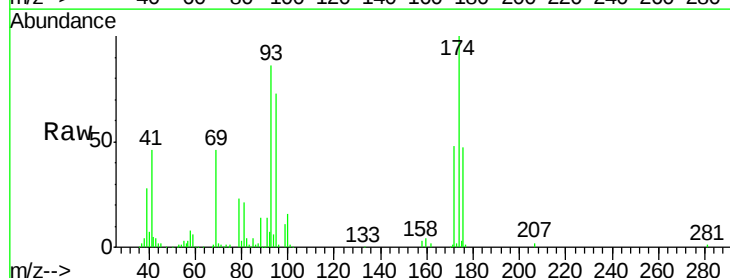
Manual Integrations
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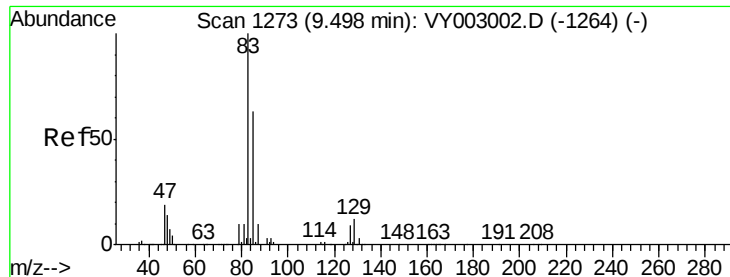
MMDadoda
 7/9/2020 10:48:51 AM



#46
 Dibromomethane
 Concen: 21.337 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion	93	Resp	48857
Ion Ratio	Lower	Upper	
93	100		
95	84.2	67.6	101.4
174	115.5	88.3	132.5





#47

Bromodichloromethane

Concen: 21.234 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

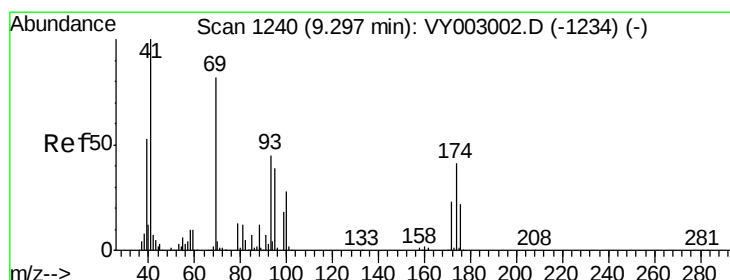
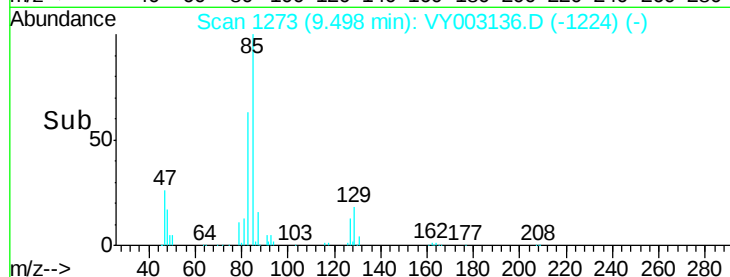
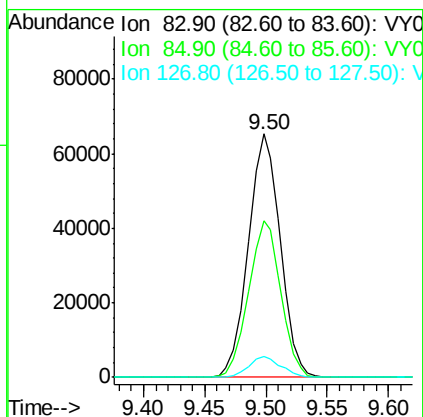
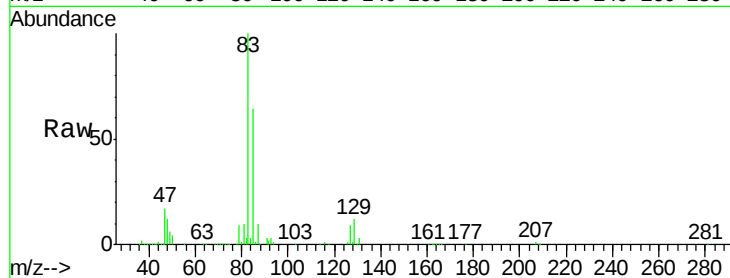
ClientSampleId :

VY0708SBS01

Tot Ion:	83	Resp:	119059
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.5	75.7
127	8.6	7.0	10.4

Manual Integrations
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MMDadoda
7/9/2020 10:48:51 AM



#48

Methyl methacrylate

Concen: 18.273 ug/l

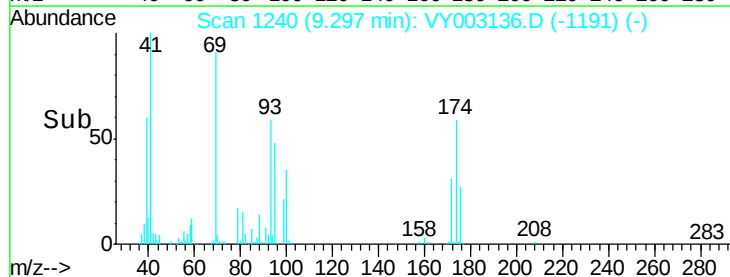
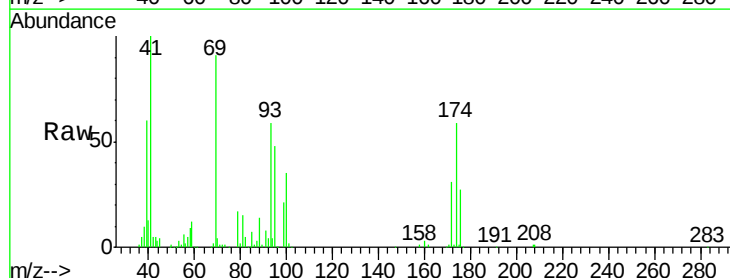
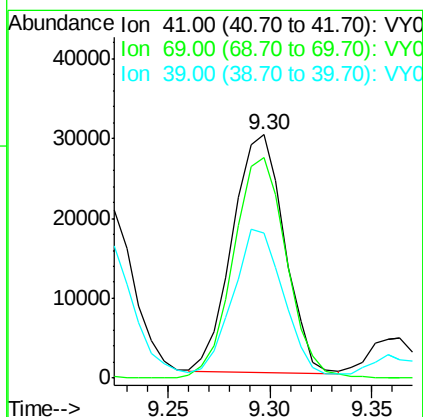
RT: 9.30 min Scan# 1240

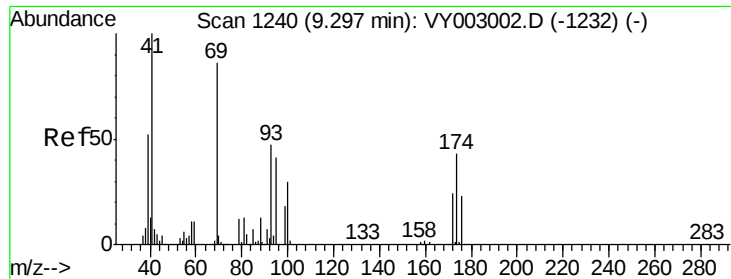
Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Tgt Ion:	41	Resp:	52916
Ion	Ratio	Lower	Upper
41	100		
69	94.3	67.7	101.5
39	62.2	45.0	67.4





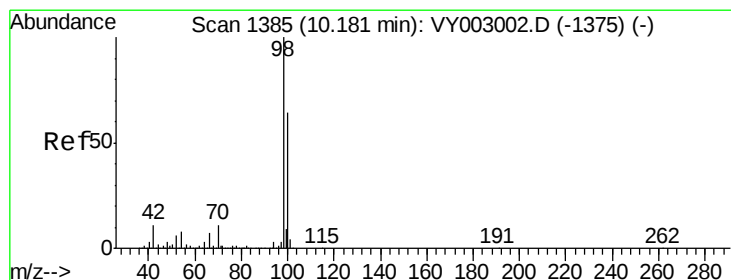
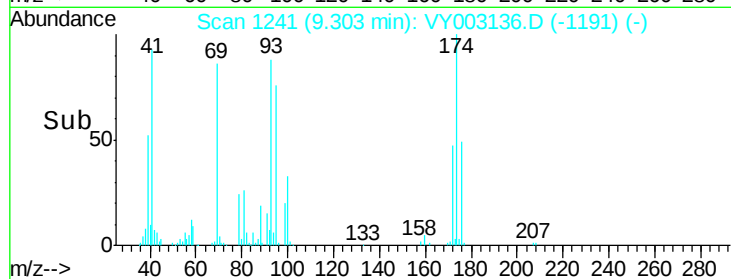
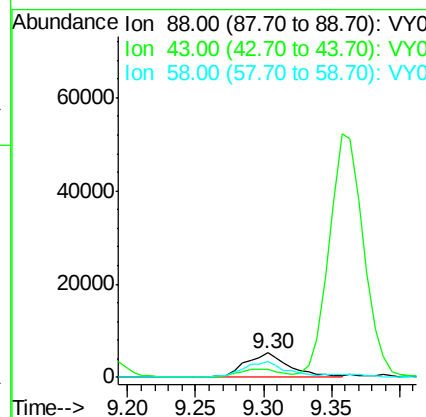
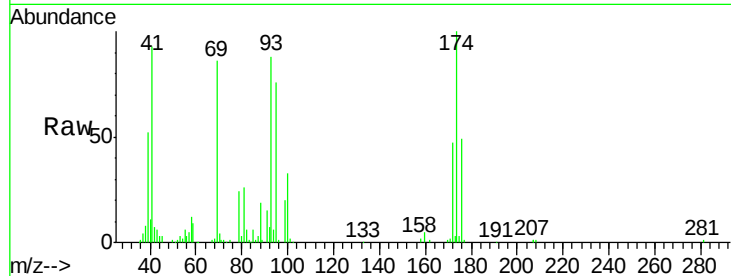
#49
1,4-Dioxane
Concen: 425.306 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	28.6	42.8
58	61.3	56.7	85.1

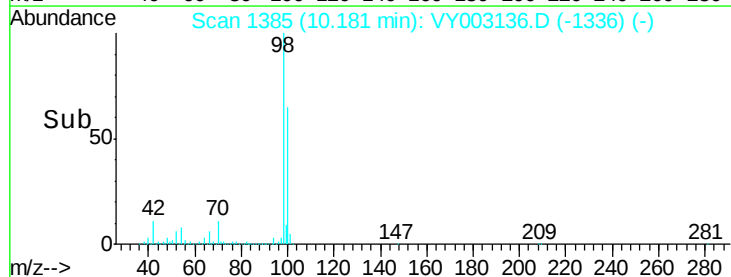
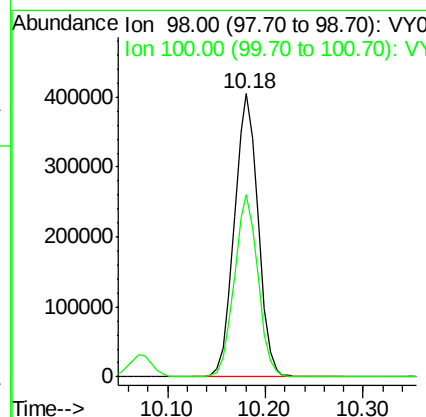
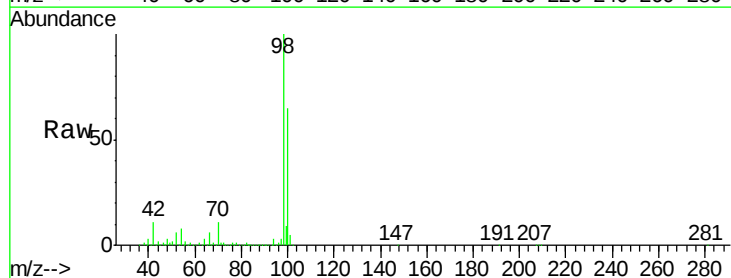
Manual Integrations
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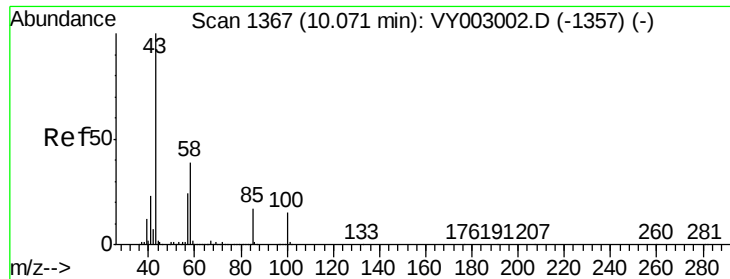
MMDadoda
7/9/2020 10:48:51 AM



#50
Toluene-d8
Concen: 50.582 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 97.273 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 43 Resp: 319869

Ion Ratio Lower Upper

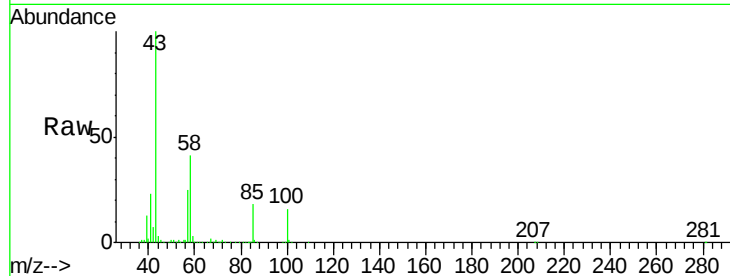
43 100

58 40.3 31.1 46.7

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

200000

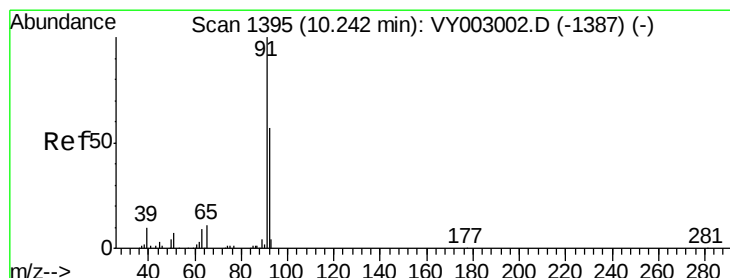
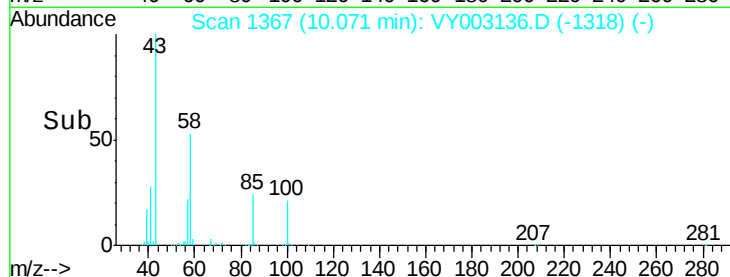
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.057 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003136.D

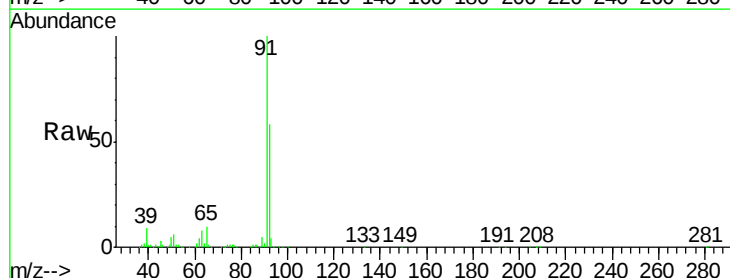
Acq: 08 Jul 2020 15:09

Tgt Ion: 92 Resp: 211589

Ion Ratio Lower Upper

92 100

91 171.7 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

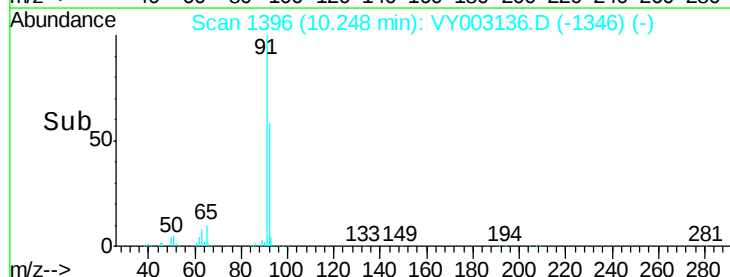
150000

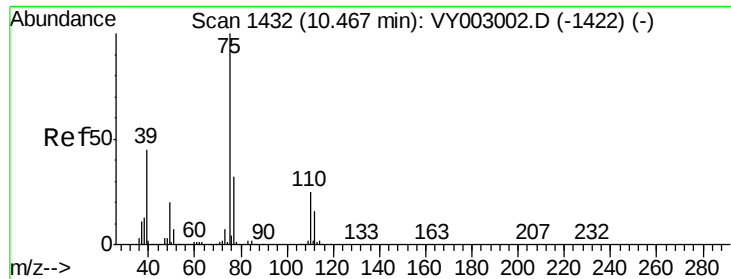
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.184 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 75 Resp: 118652

Ion Ratio Lower Upper

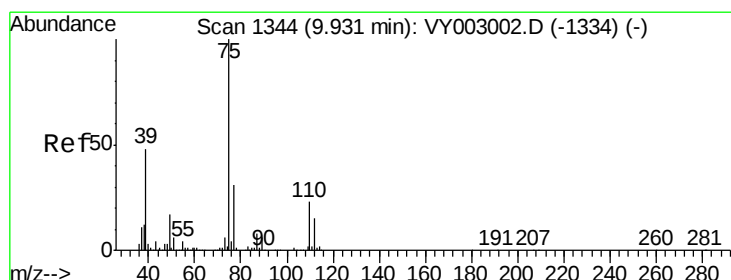
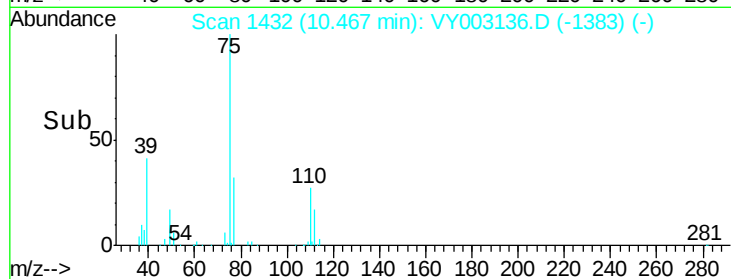
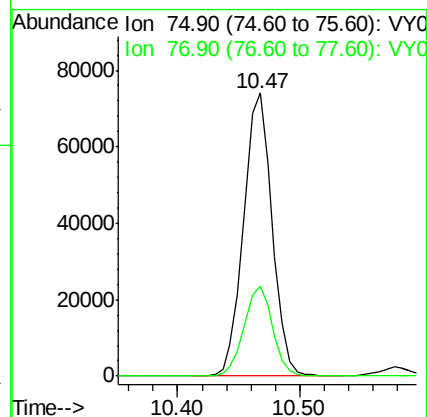
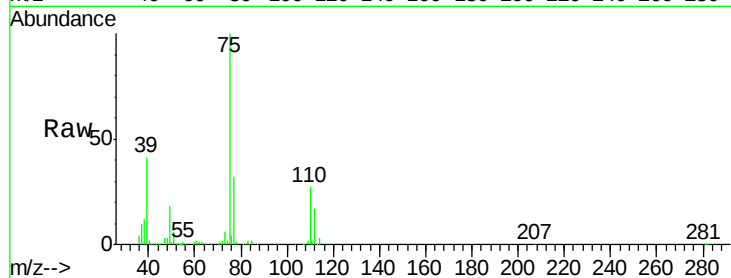
75 100

77 32.0 25.9 38.9

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 20.772 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

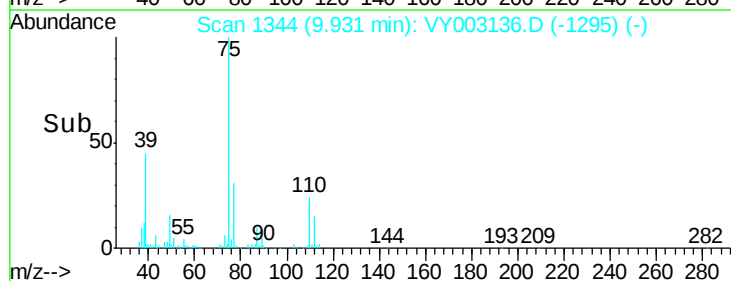
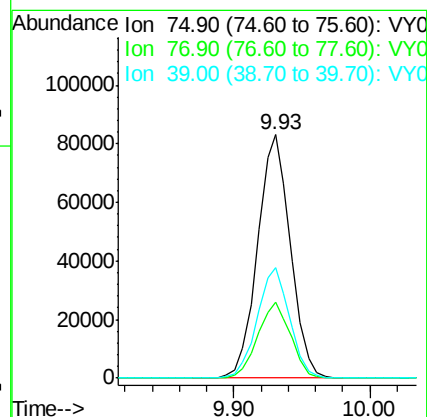
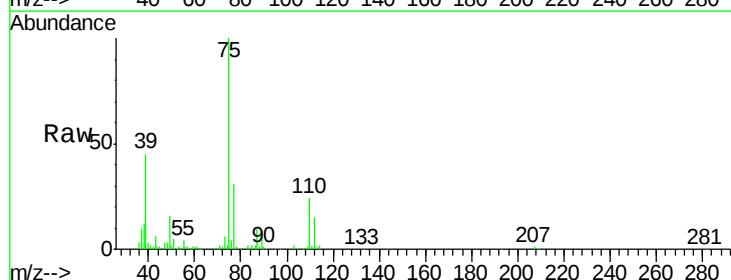
Tgt Ion: 75 Resp: 139647

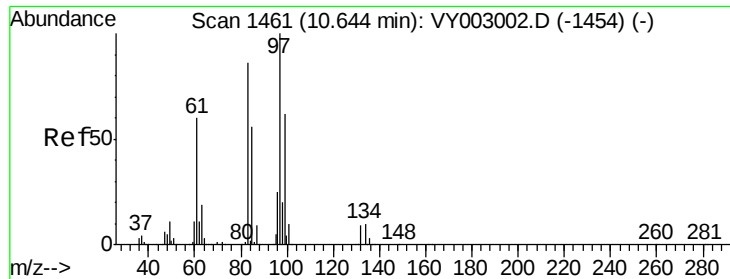
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 45.3 38.3 57.5





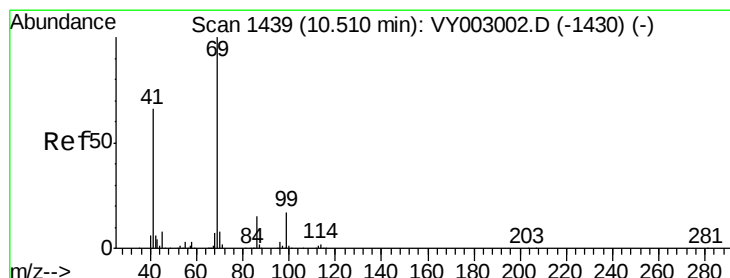
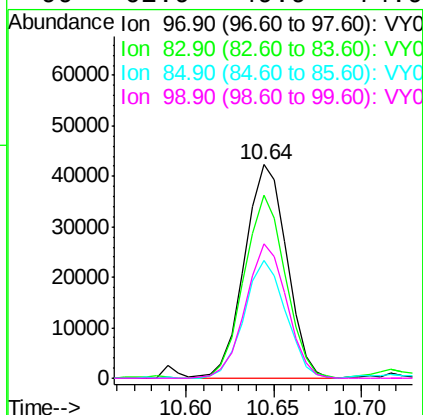
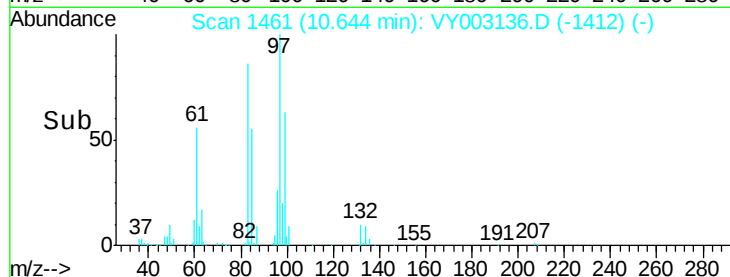
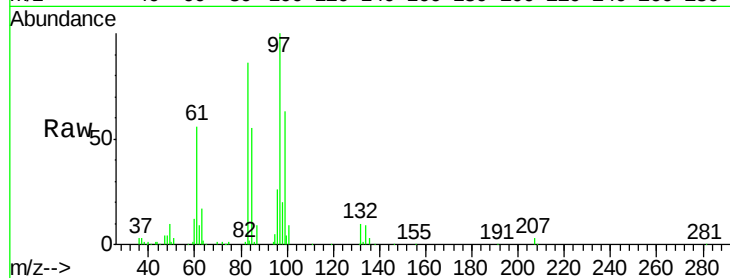
#55
 1,1,2-Trichloroethane
 Concen: 22.334 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion:	97	Resp:	71063
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.0	103.6
85	55.4	44.8	67.2
99	62.9	49.9	74.9

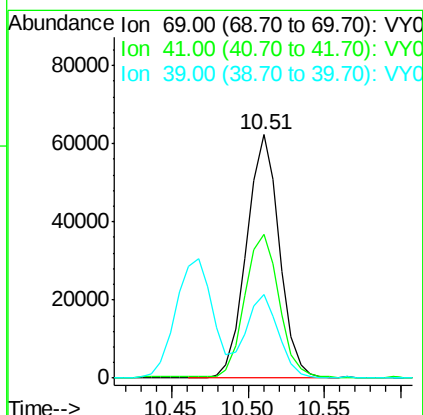
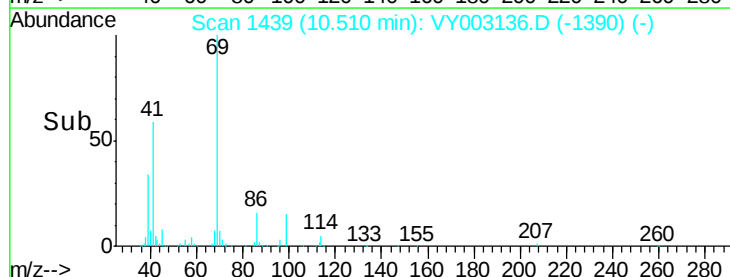
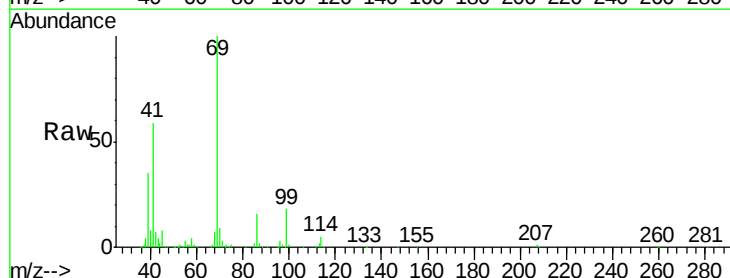
Manual Integrations
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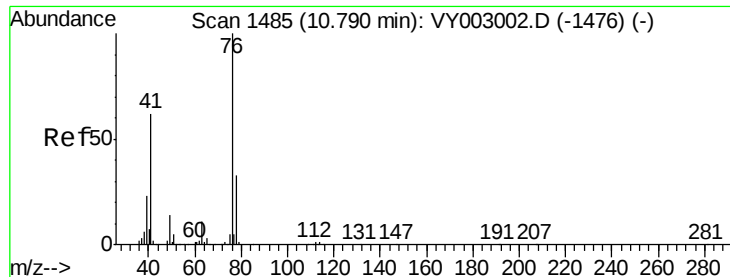
MMDadoda
 7/9/2020 10:48:51 AM



#56
 Ethyl methacrylate
 Concen: 20.222 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion:	69	Resp:	93143
Ion	Ratio	Lower	Upper
69	100		
41	60.8	53.7	80.5
39	34.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 21.129 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 76 Resp: 118026

Ion Ratio Lower Upper

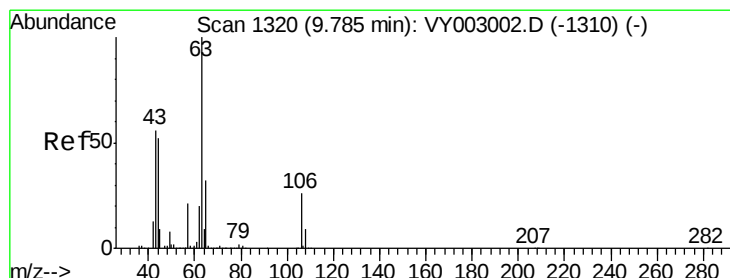
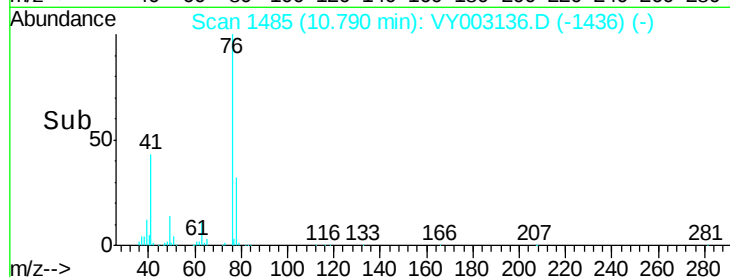
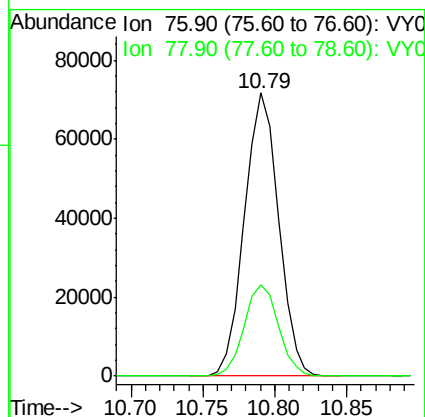
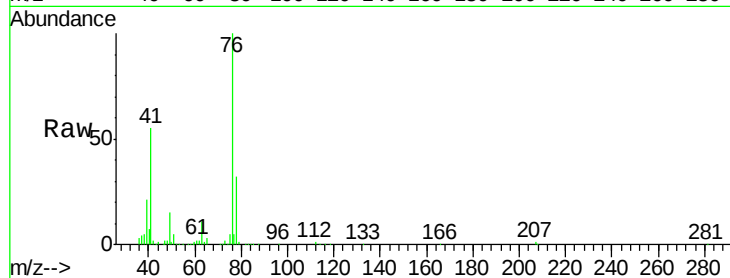
76 100

78 32.3 26.0 39.0

Manual Integrations
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MMDadoda

7/9/2020 10:48:51 AM



#58

2-Chloroethyl Vinyl ether

Concen: 93.183 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003136.D

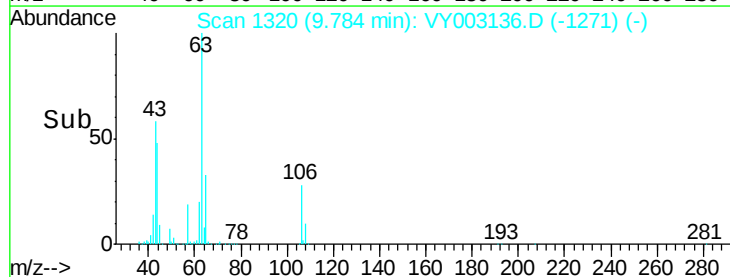
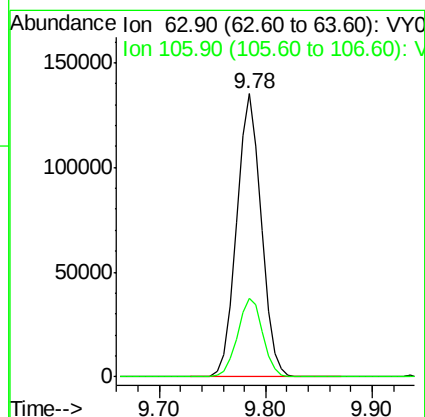
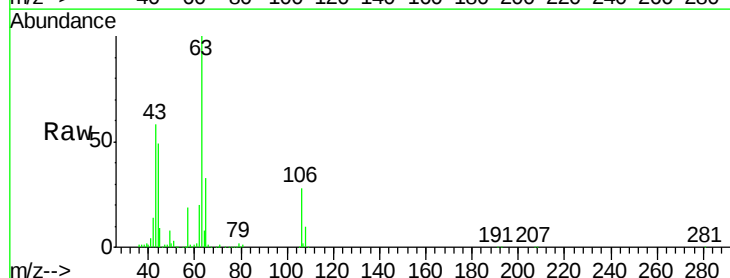
Acq: 08 Jul 2020 15:09

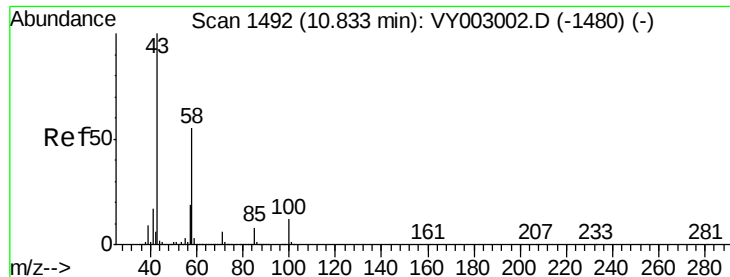
Tgt Ion: 63 Resp: 220124

Ion Ratio Lower Upper

63 100

106 28.2 21.5 32.3





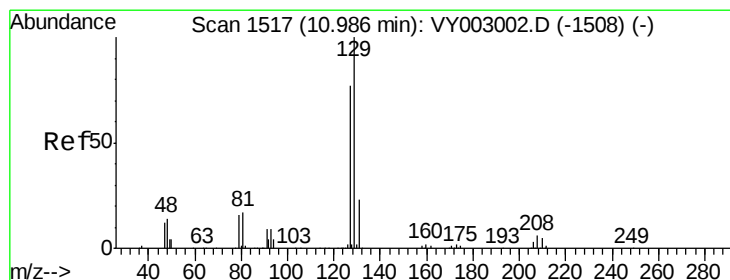
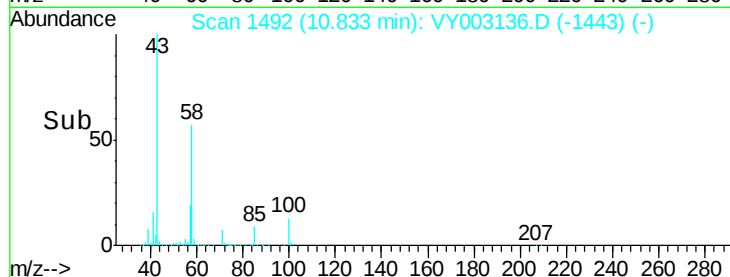
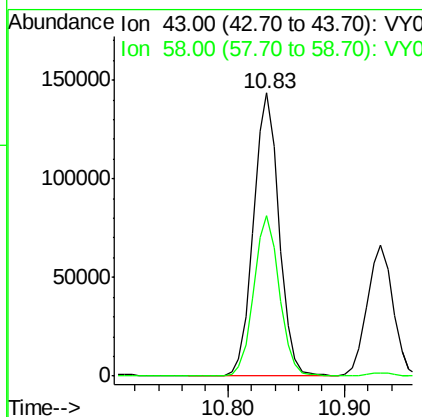
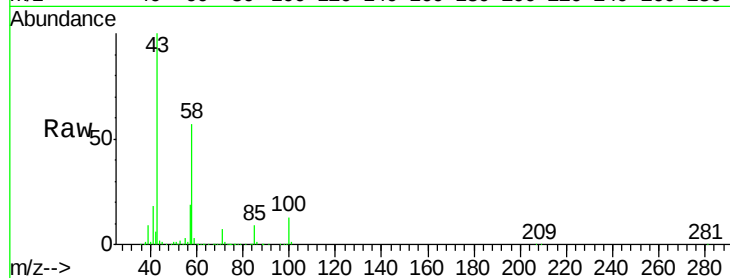
#59
2-Hexanone
Concen: 95.495 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion: 43 Resp: 219491
Ion Ratio Lower Upper
43 100
58 56.8 27.5 82.4

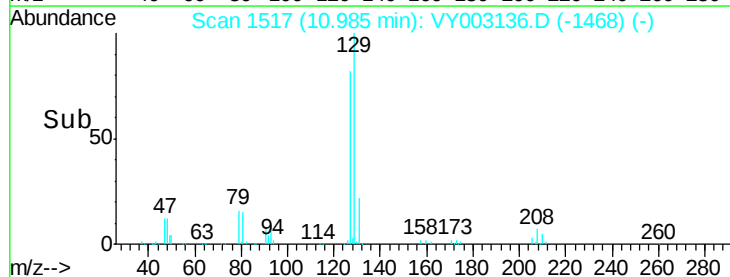
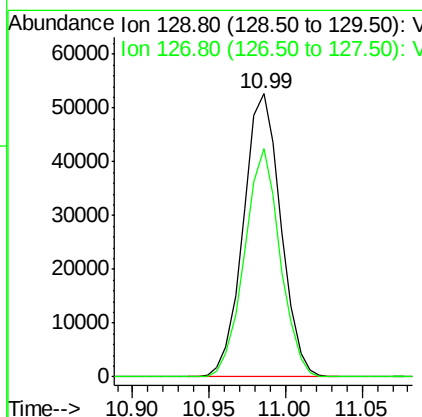
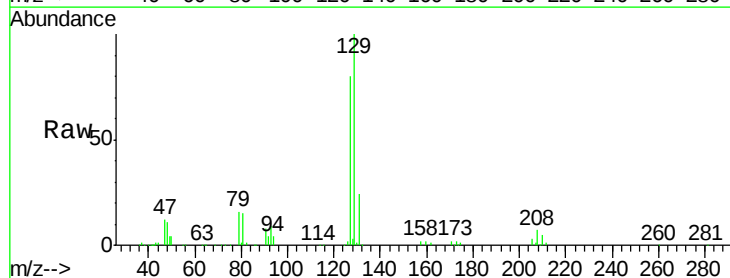
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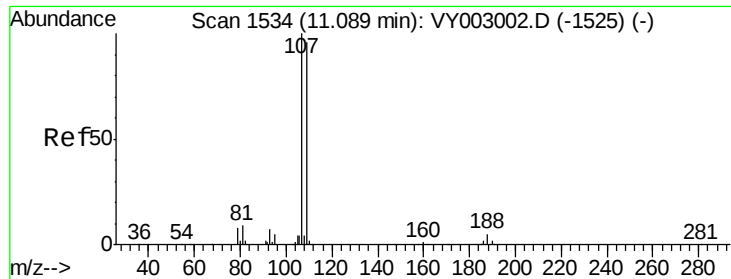
MMDadoda
7/9/2020 10:48:51 AM



#60
Dibromochloromethane
Concen: 21.988 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 129 Resp: 89533
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3





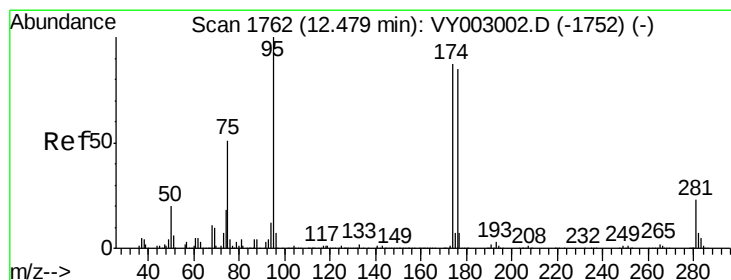
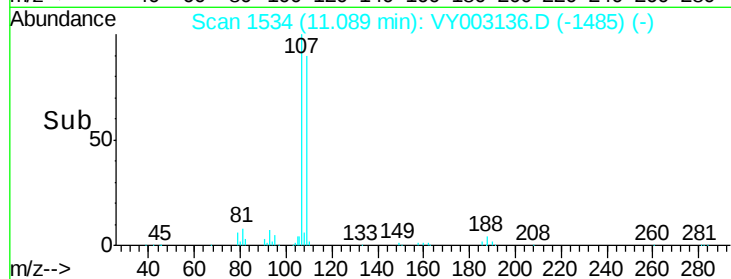
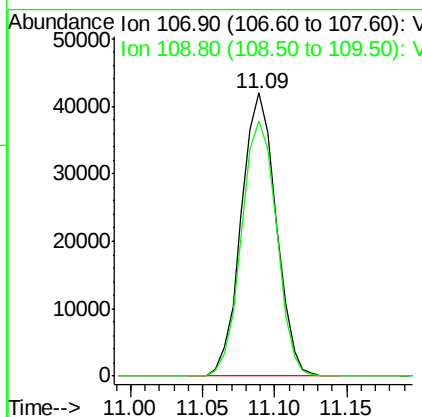
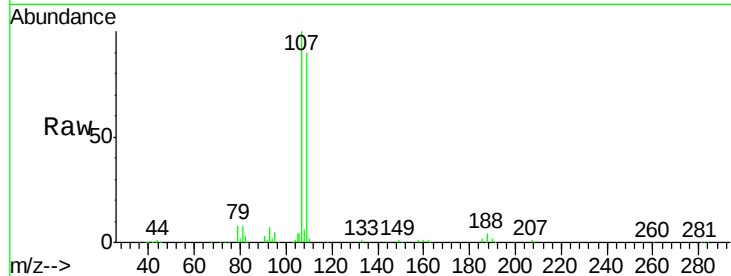
#61
 1,2-Dibromoethane
 Concen: 22.453 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.6	75.8	113.8

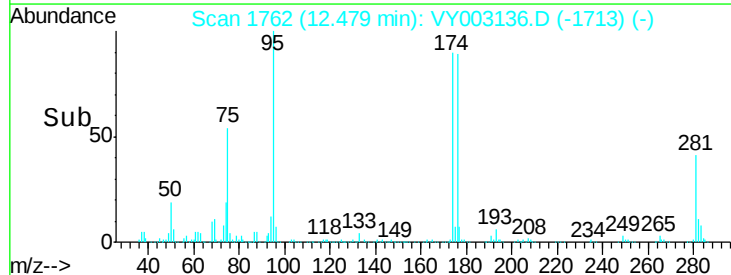
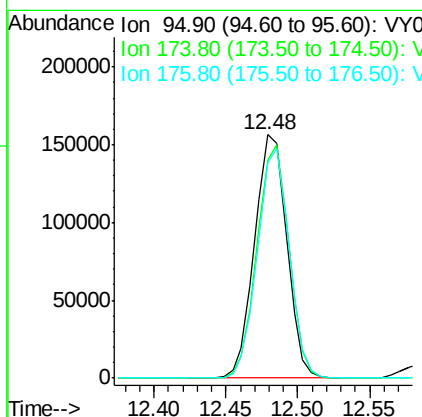
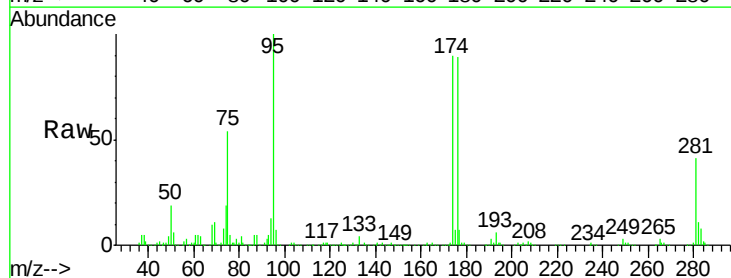
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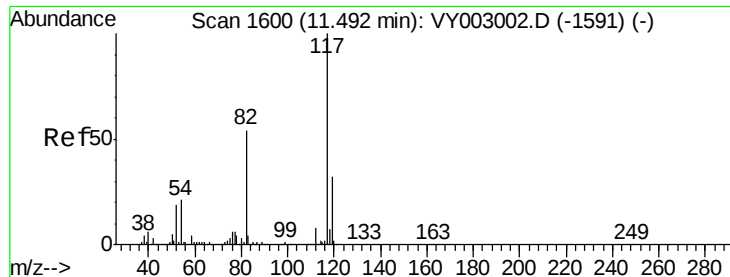
MMDadoda
 7/9/2020 10:48:51 AM



#62
 4-Bromofluorobenzene
 Concen: 51.186 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	184.8
176	92.8	0.0	183.0





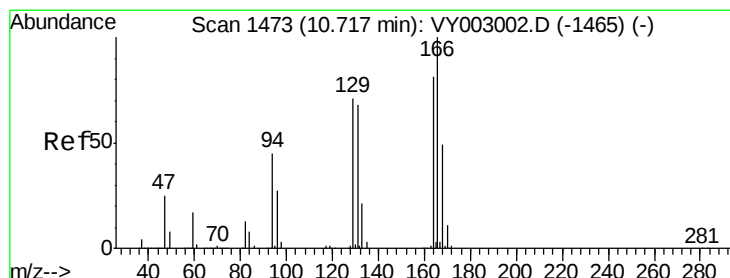
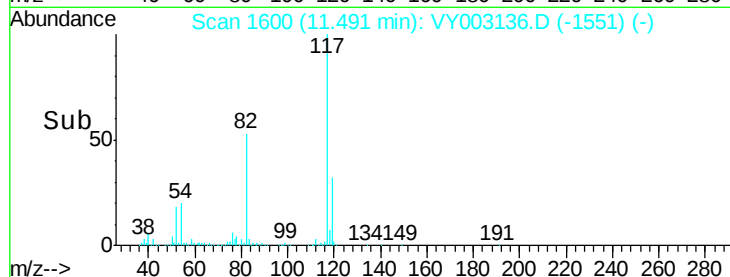
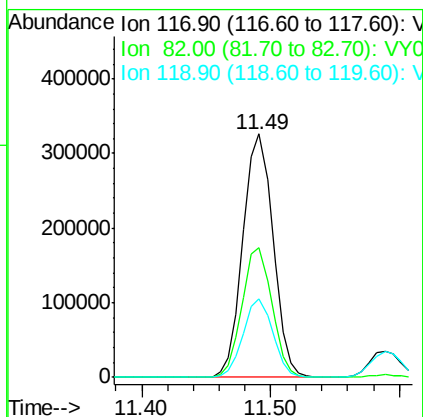
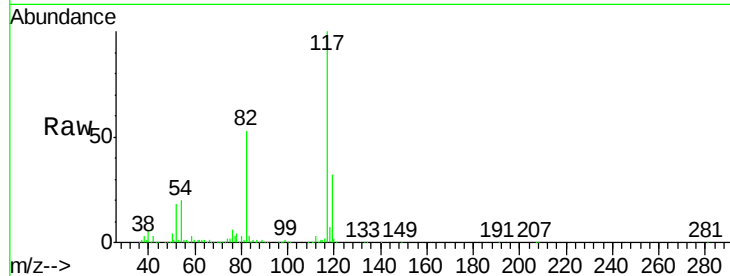
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	528489		
82	53.1		43.0	64.6
119	32.4		25.8	38.8

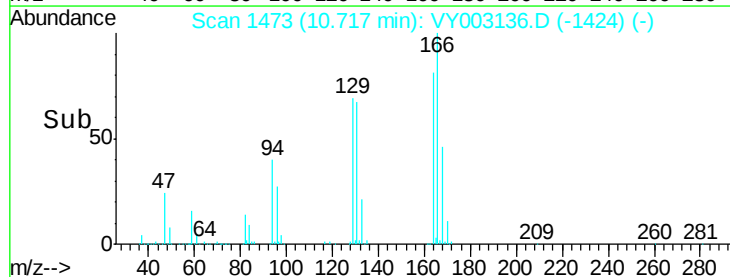
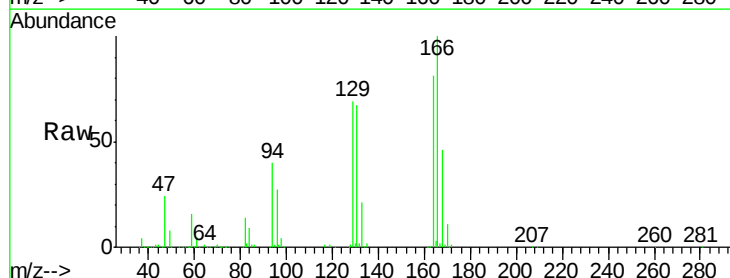
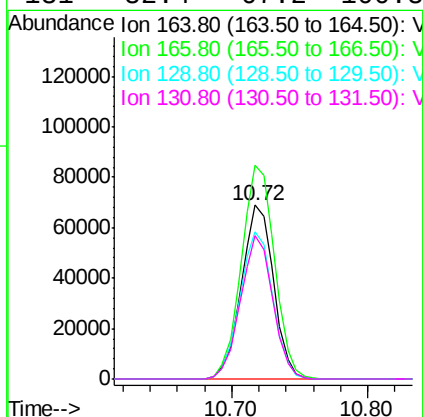
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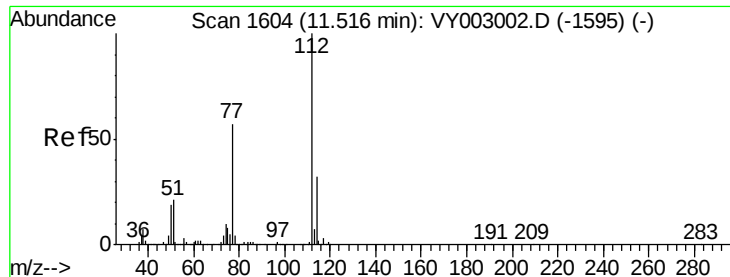
MMDadoda
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#64
Tetrachloroethene
Concen: 25.437 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113774		
166	123.0		98.5	147.7
129	84.7		69.7	104.5
131	82.4		67.2	100.8





#65

Chlorobenzene

Concen: 22.389 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion:112 Resp: 233311

Ion Ratio Lower Upper

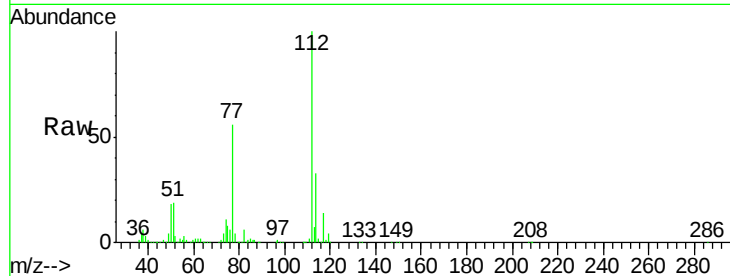
112 100

114 33.4 25.7 38.5

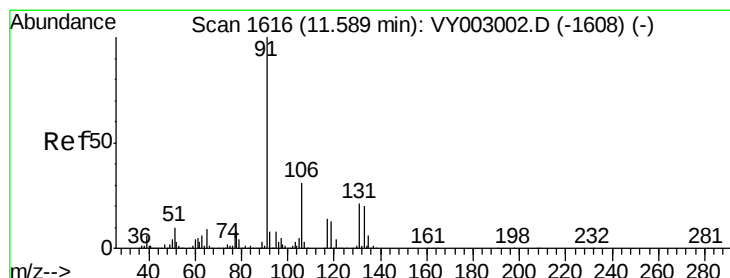
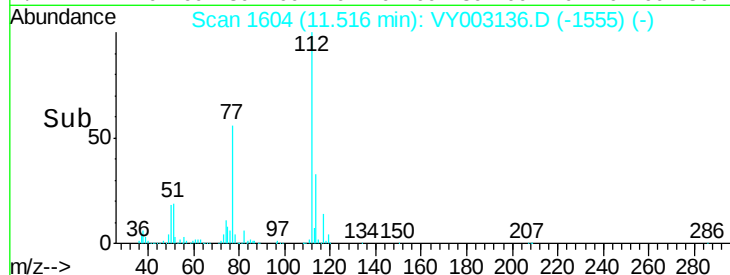
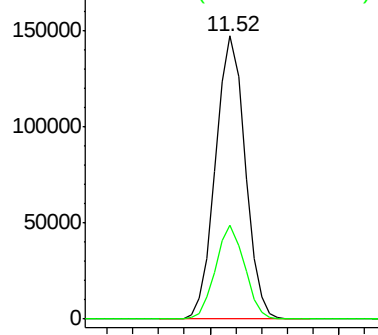
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Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.012 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

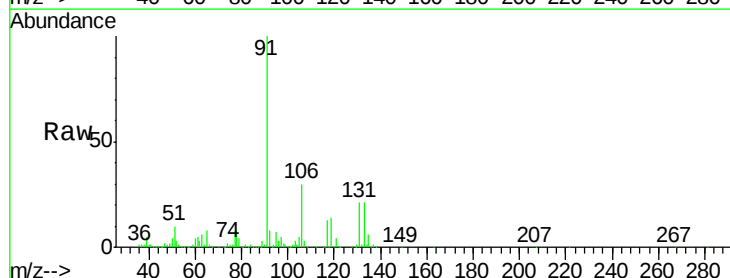
Tgt Ion:131 Resp: 89555

Ion Ratio Lower Upper

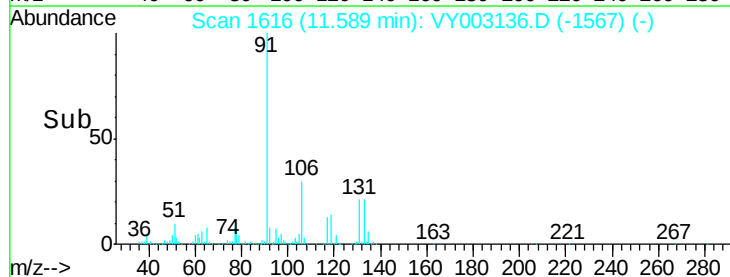
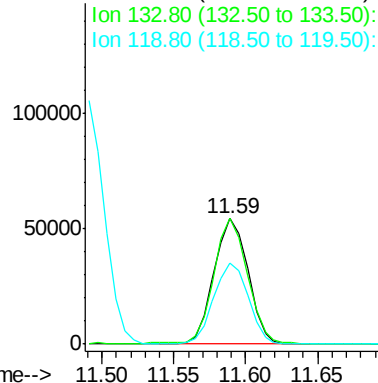
131 100

133 97.8 47.9 143.8

119 65.4 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 21.923 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 91 Resp: 417944

Ion Ratio Lower Upper

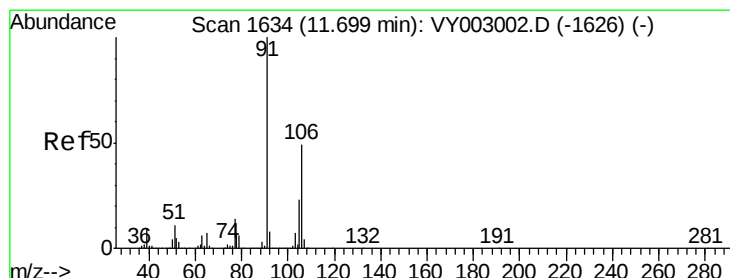
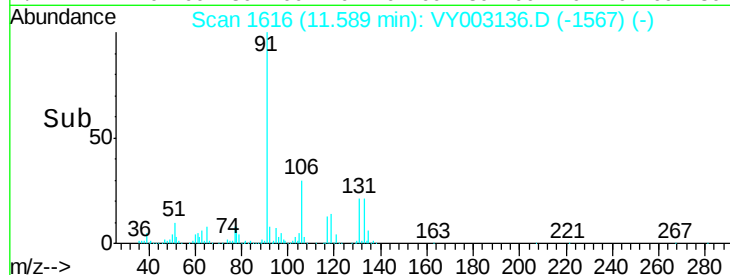
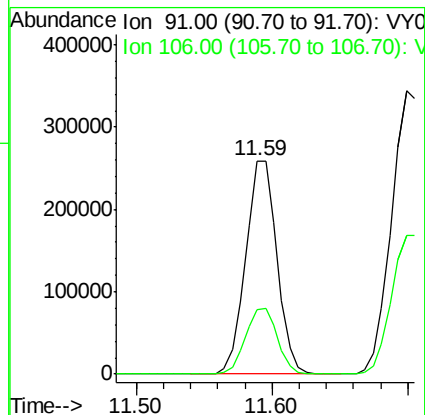
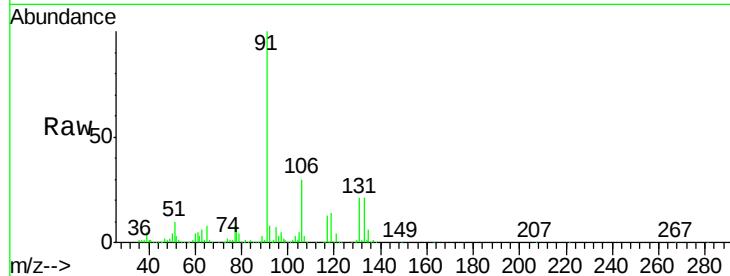
91 100

106 30.1 25.0 37.4

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#68

m/p-Xylenes

Concen: 44.664 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003136.D

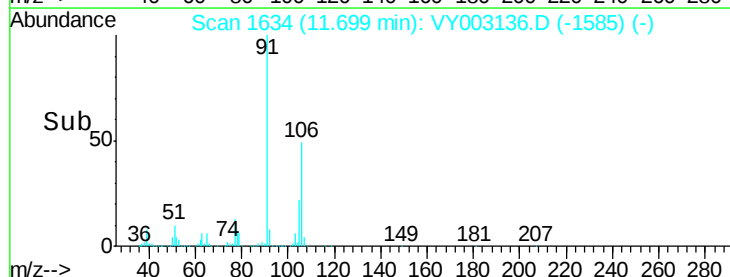
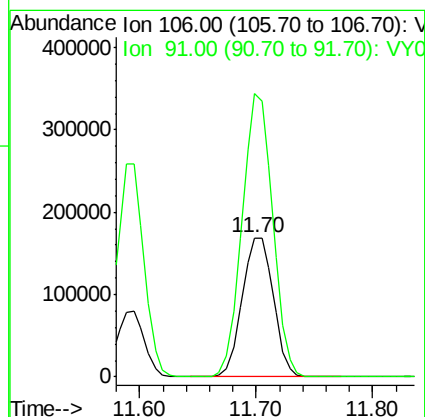
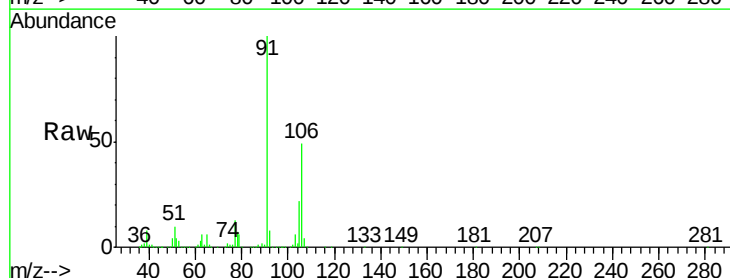
Acq: 08 Jul 2020 15:09

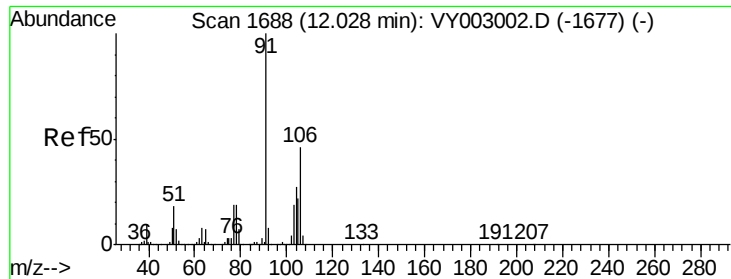
Tgt Ion: 106 Resp: 316909

Ion Ratio Lower Upper

106 100

91 199.3 161.9 242.9





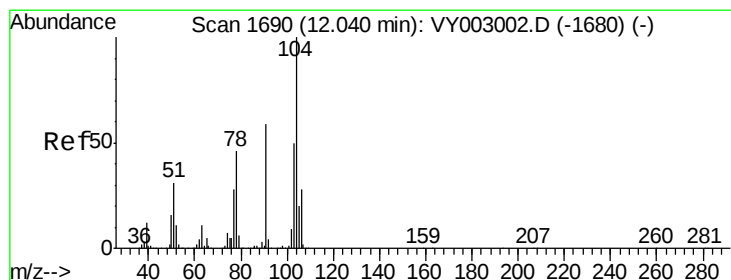
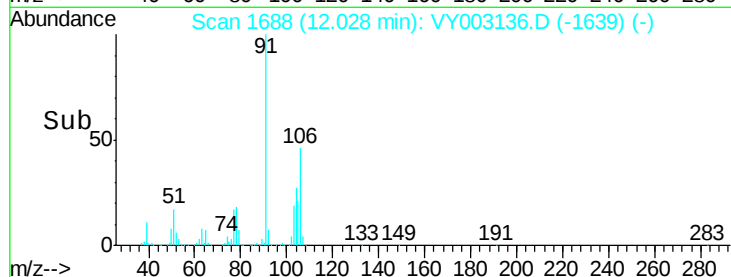
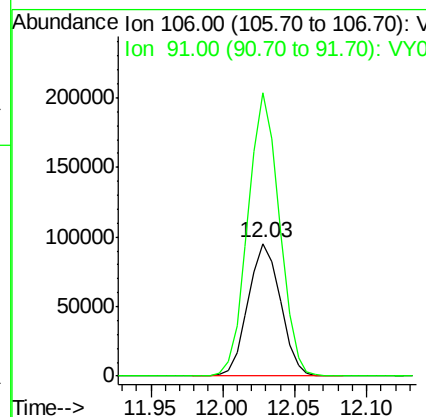
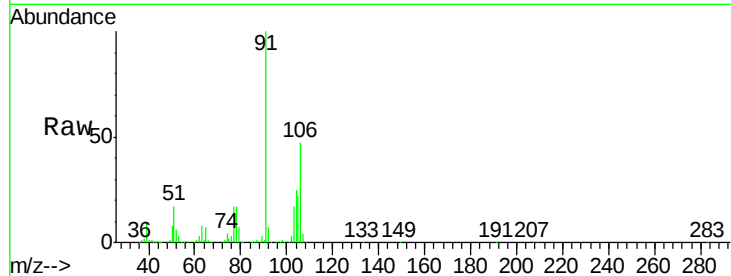
#69
o-Xylene
Concen: 22.174 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion:106 Resp: 148261
Ion Ratio Lower Upper
106 100
91 208.2 107.9 323.8

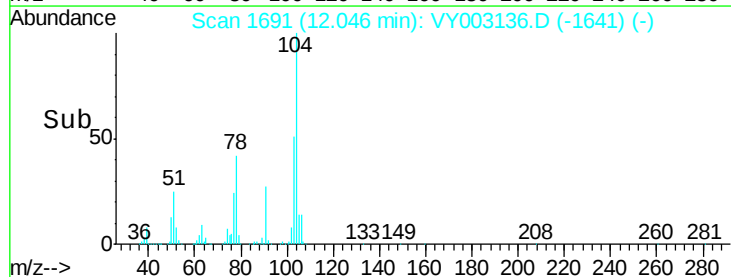
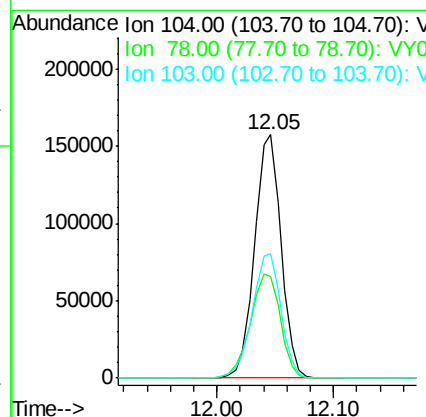
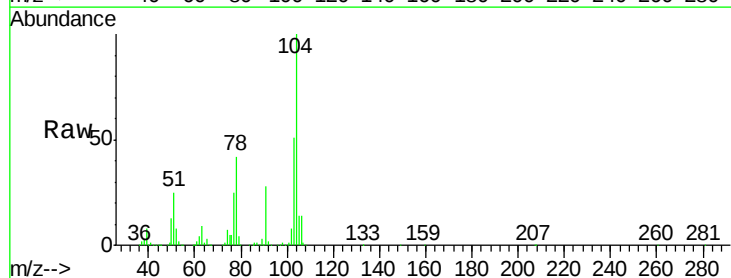
Manual Integrations
APPROVED

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#70
Styrene
Concen: 21.908 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion:104 Resp: 250247
Ion Ratio Lower Upper
104 100
78 48.5 40.4 60.6
103 55.7 44.1 66.1





#71

Bromoform

Concen: 21.405 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion:173 Resp: 58069

Ion Ratio Lower Upper

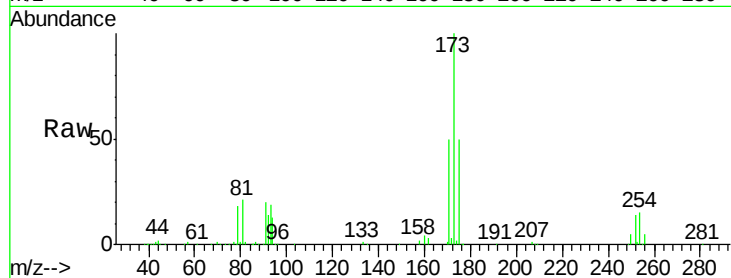
173 100

175 49.8 24.6 73.6

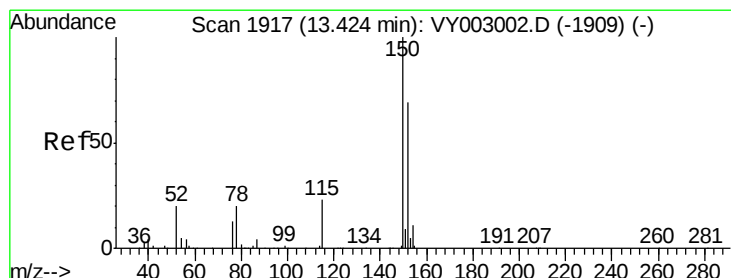
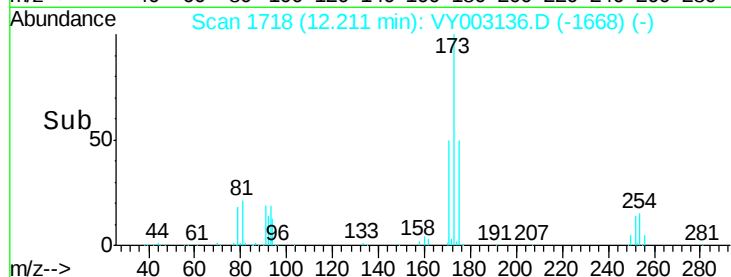
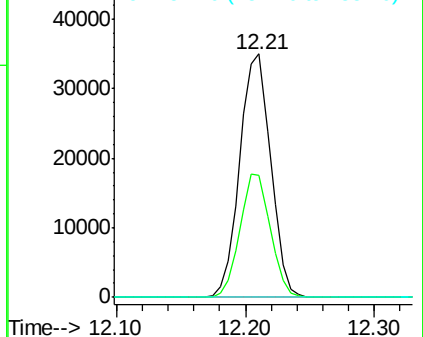
254 0.1 0.2 0.2#

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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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

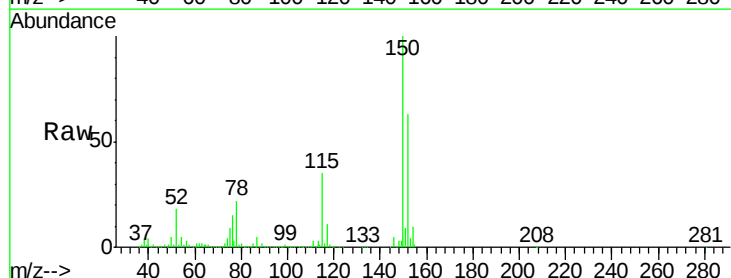
Tgt Ion:152 Resp: 285376

Ion Ratio Lower Upper

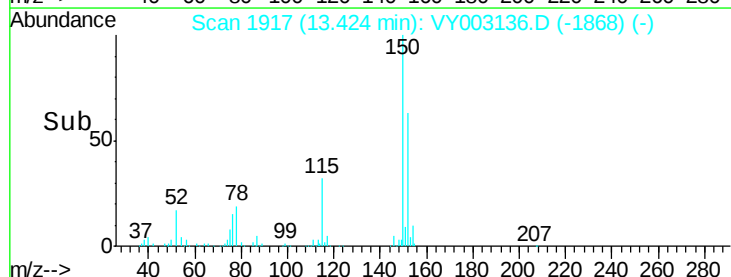
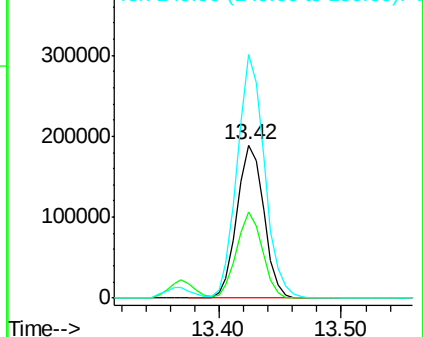
152 100

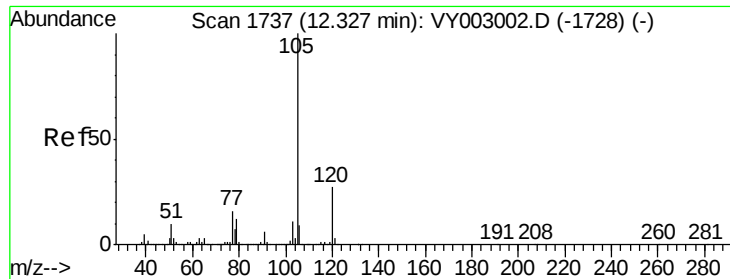
115 54.2 27.3 81.9

150 162.4 0.0 343.4



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: 21.846 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion: 105 Resp: 408017

Ion Ratio Lower Upper

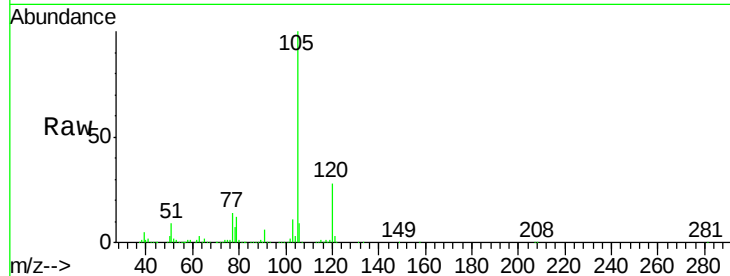
105 100

120 27.2 13.4 40.1

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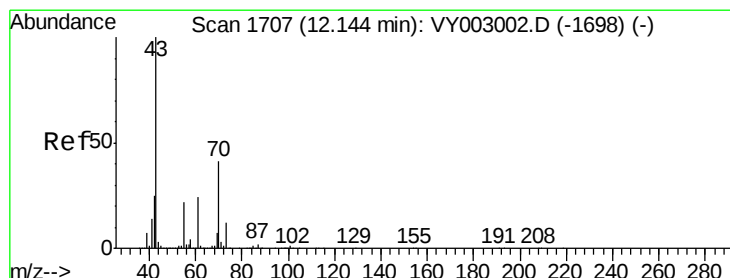
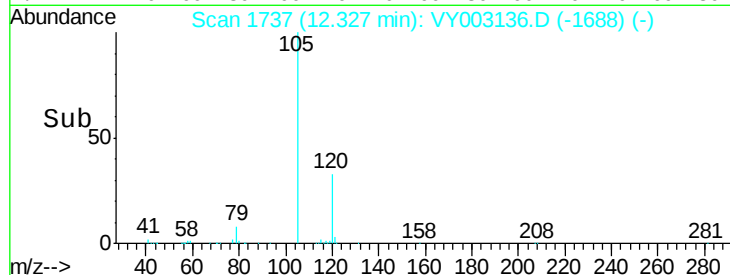
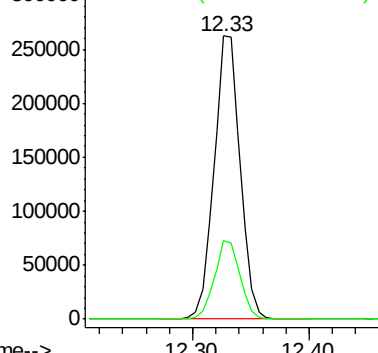
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.317 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Tgt Ion: 43 Resp: 111371

Ion Ratio Lower Upper

43 100

70 45.0 33.0 49.4

55 25.7 18.2 27.2

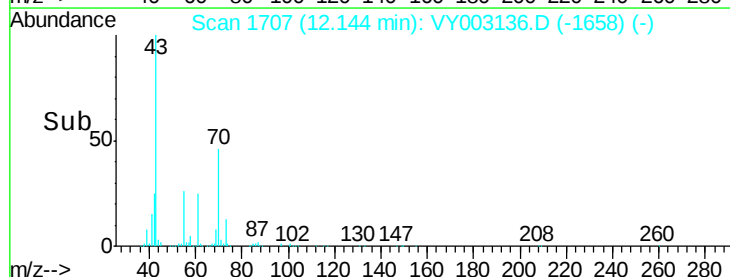
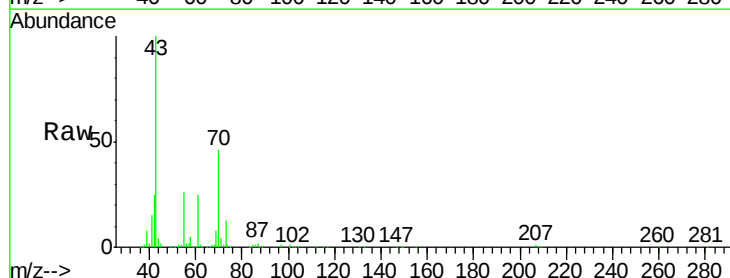
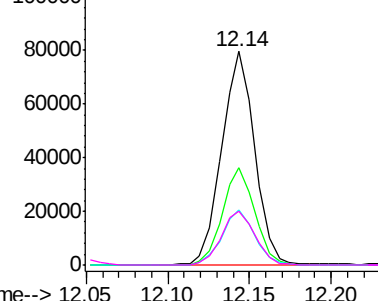
61 25.9 19.4 29.2

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: 20.066 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

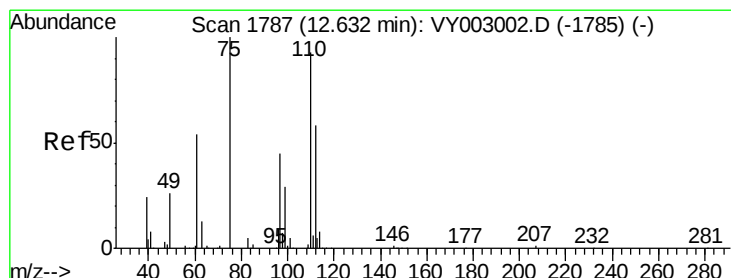
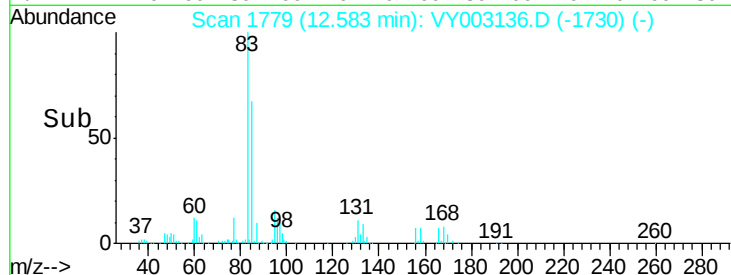
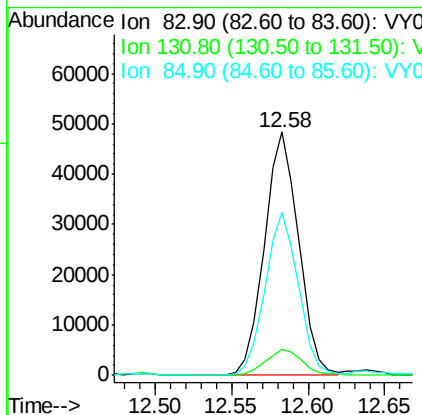
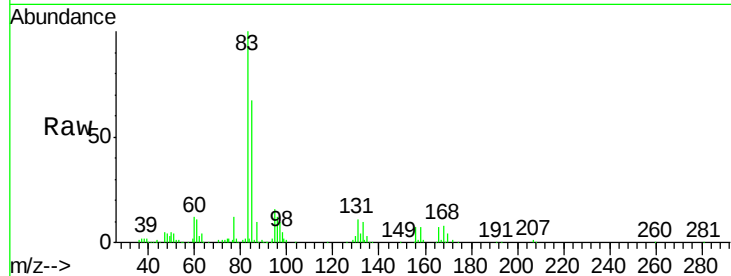
ClientSampleId :

VY0708SBS01

Tot Ion:	83	Resp:	75629
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.3	16.1
85	64.8	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 16.877 ug/l m

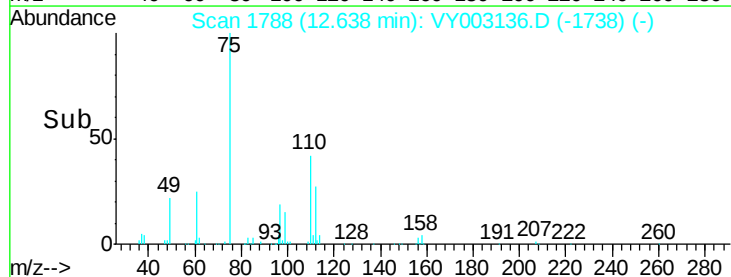
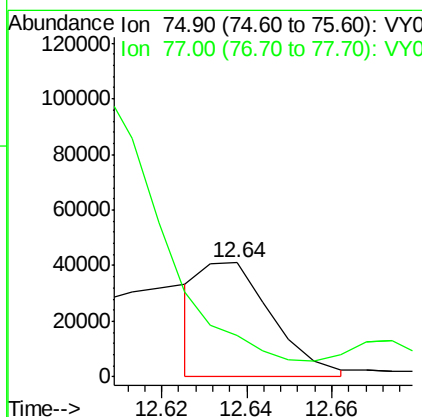
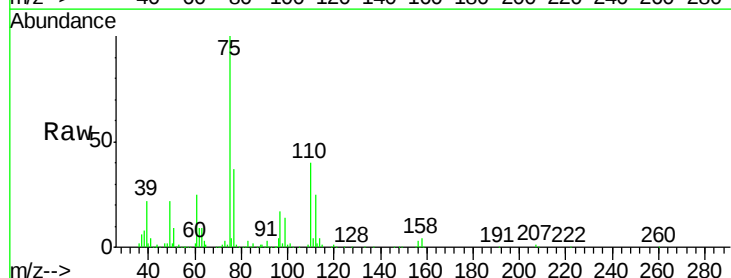
RT: 12.64 min Scan# 1788

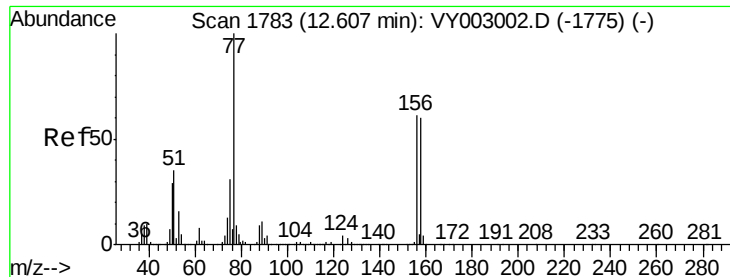
Delta R.T. 0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Tgt Ion:	75	Resp:	47666
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





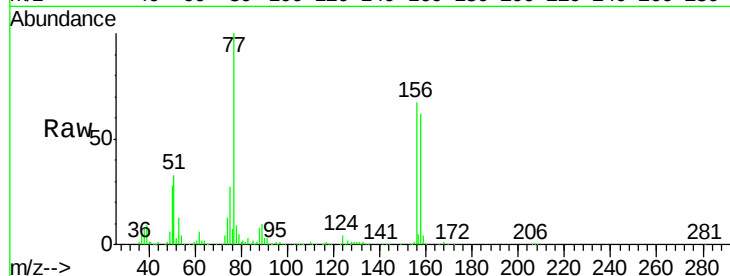
#77
Bromobenzene
Concen: 21.791 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

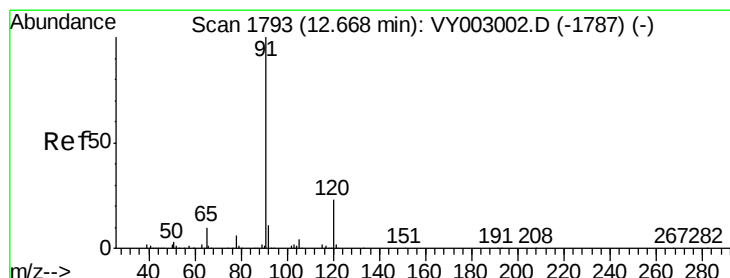
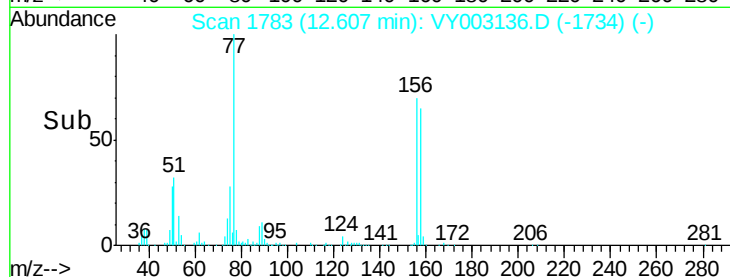
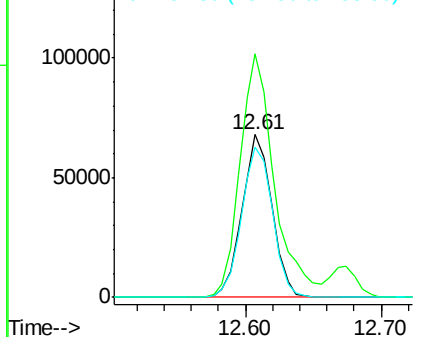
Tot Ion	Ratio	Lower	Upper
156	100		
77	172.0	90.0	270.0
158	95.9	48.5	145.5

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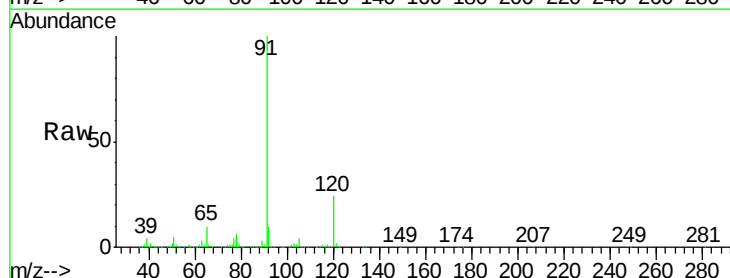


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

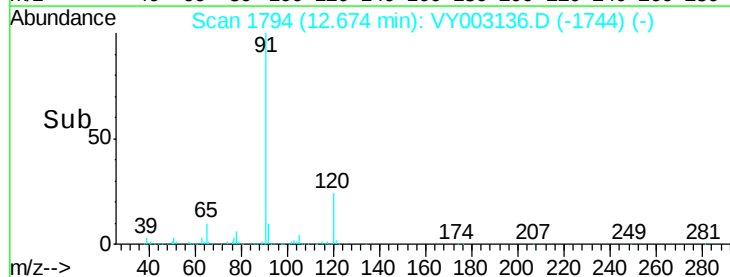
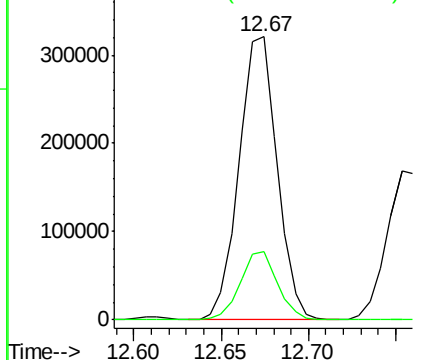


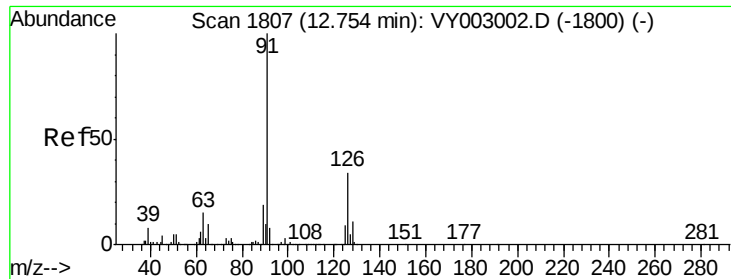
#78
n-propylbenzene
Concen: 21.633 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.5	34.5



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





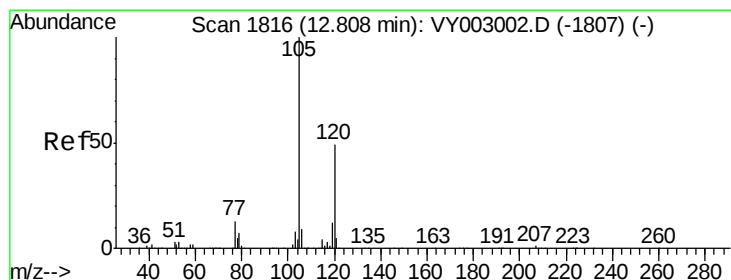
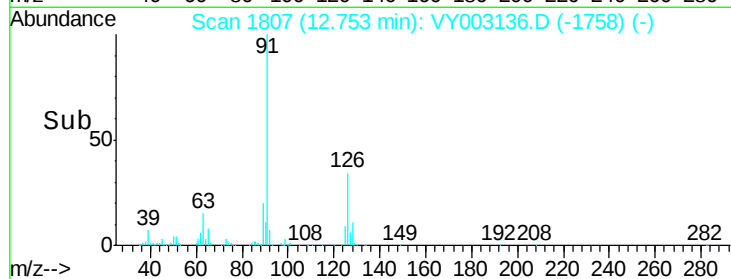
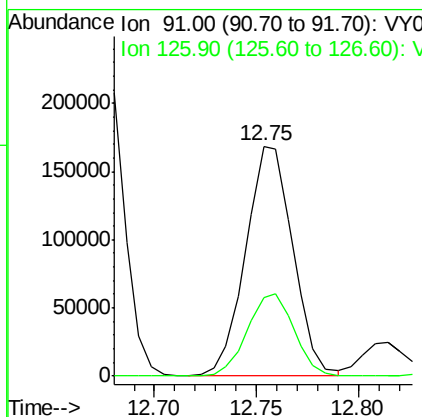
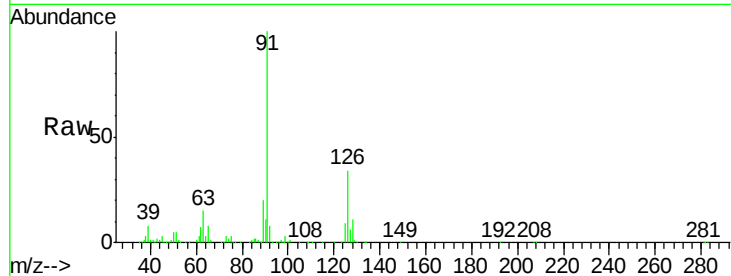
#79
2-Chlorotoluene
Concen: 21.570 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion: 91 Resp: 270436
Ion Ratio Lower Upper
91 100
126 35.4 17.1 51.3

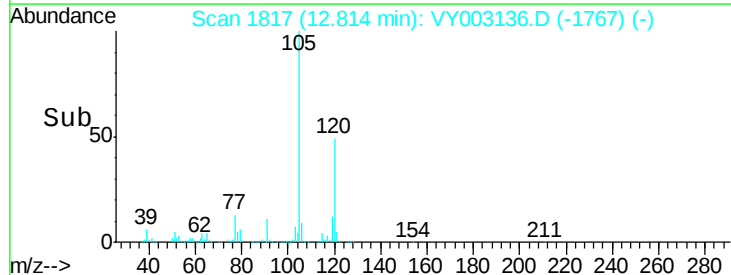
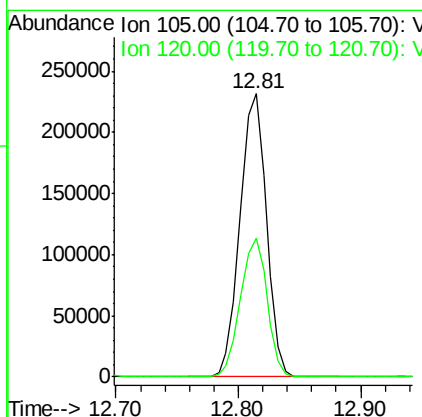
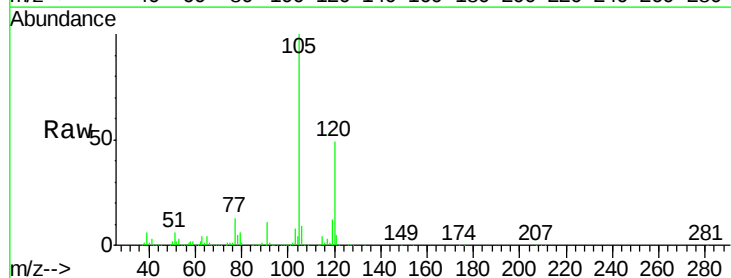
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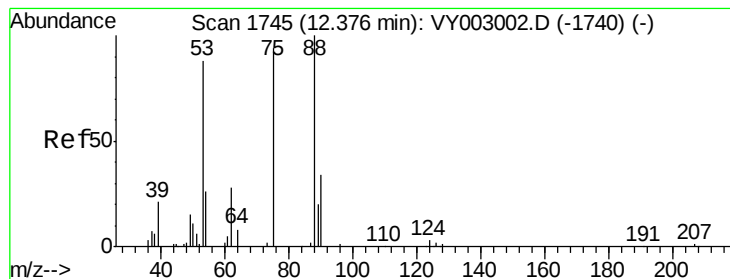
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#80
1,3,5-Trimethylbenzene
Concen: 22.084 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion: 105 Resp: 346107
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.859 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

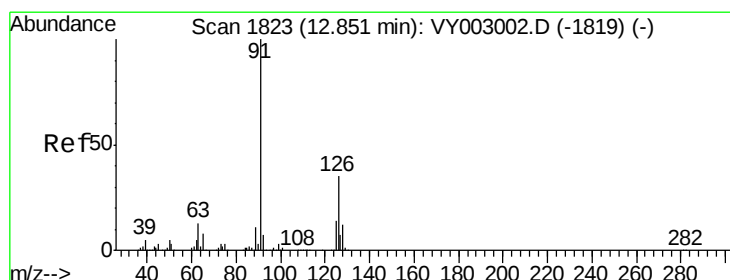
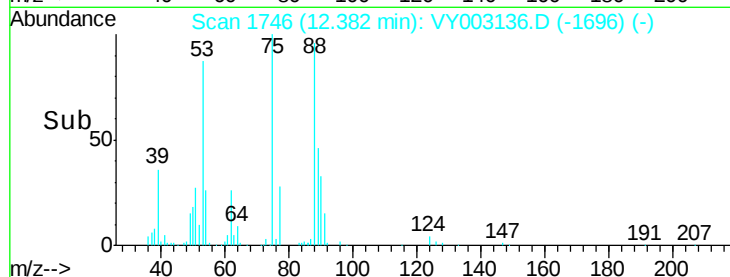
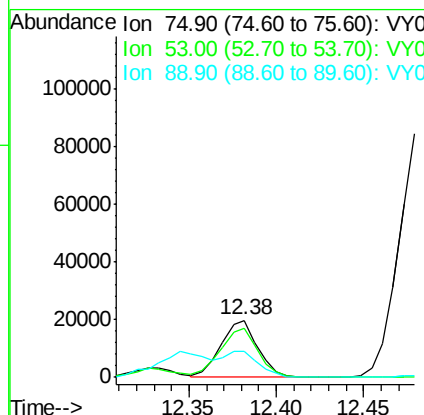
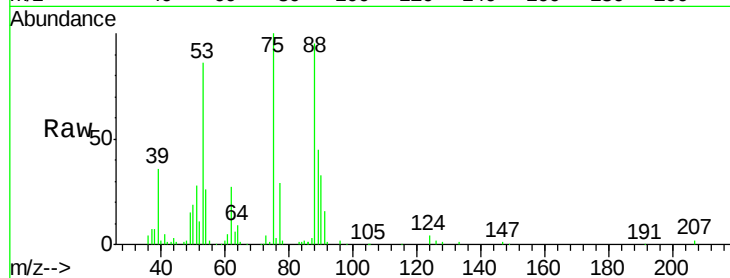
ClientSampleId :

VY0708SBS01

Tot Ion:	75	Resp:	28829
Ion	Ratio	Lower	Upper
75	100		
53	88.2	73.9	110.9
89	44.7	37.5	56.3

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#82

4-Chlorotoluene

Concen: 21.410 ug/l

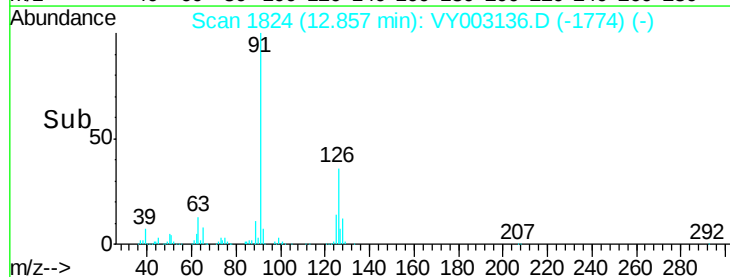
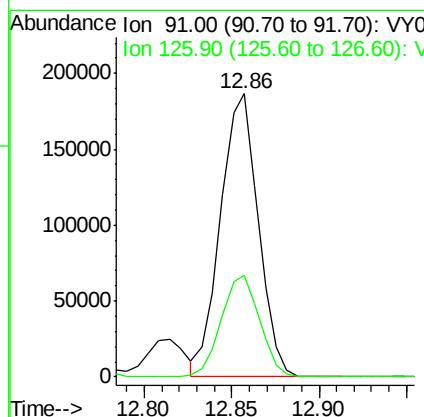
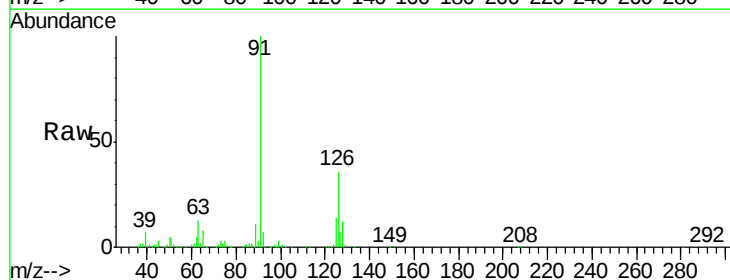
RT: 12.86 min Scan# 1824

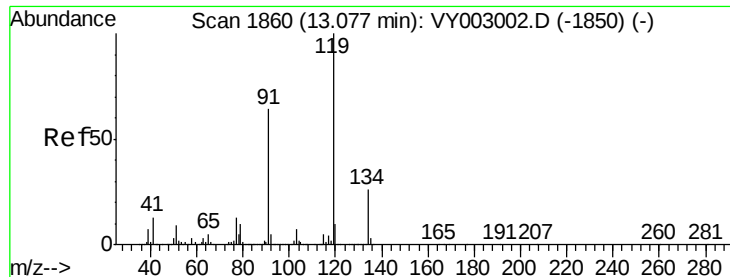
Delta R.T. 0.01 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Tgt Ion:	91	Resp:	279476
Ion	Ratio	Lower	Upper
91	100		
126	36.5	17.4	52.3





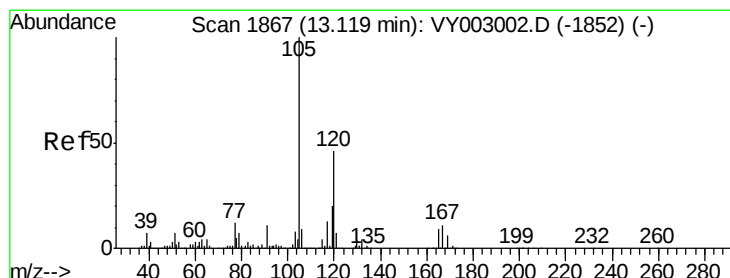
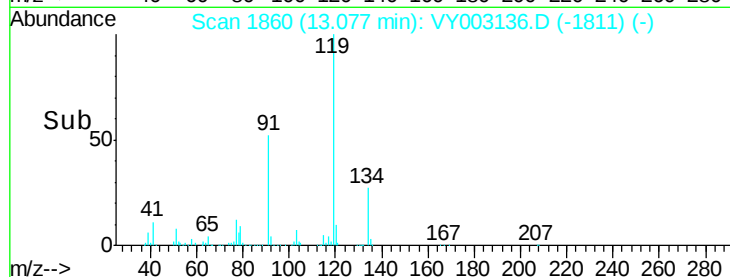
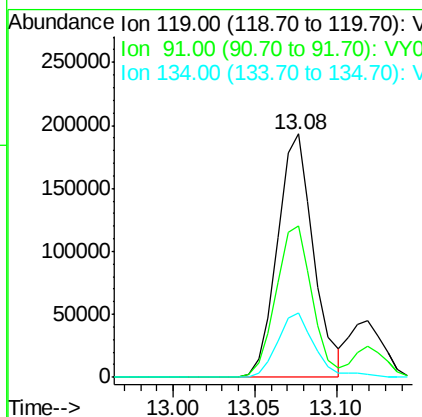
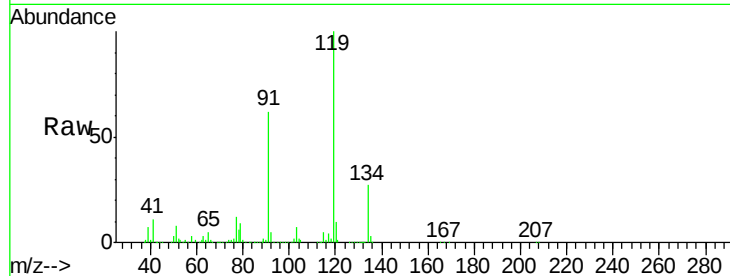
#83
tert-Butylbenzene
Concen: 21.590 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	31.6	95.0
134	27.5	13.2	39.5

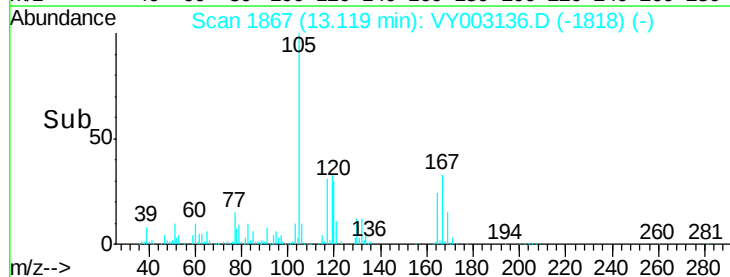
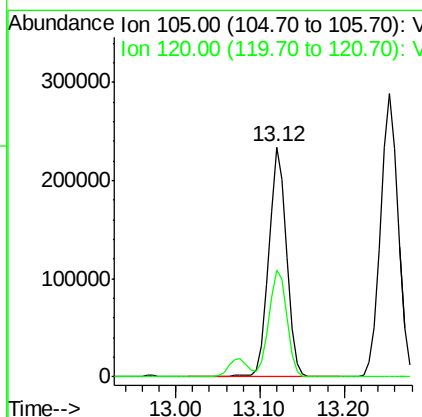
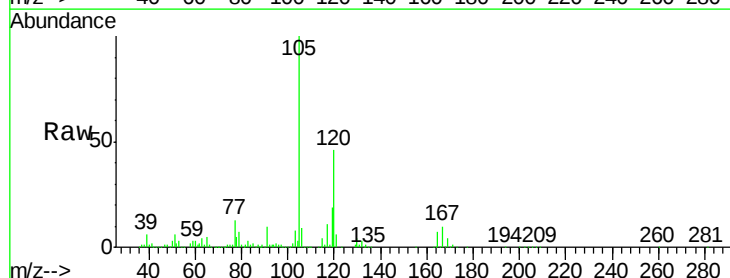
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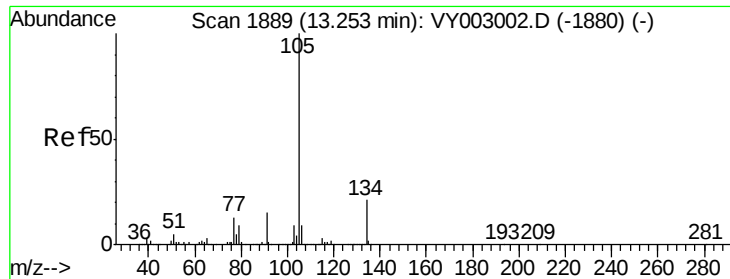
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#84
1,2,4-Trimethylbenzene
Concen: 21.582 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 22.201 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

Tot Ion:105 Resp: 421116

Ion Ratio Lower Upper

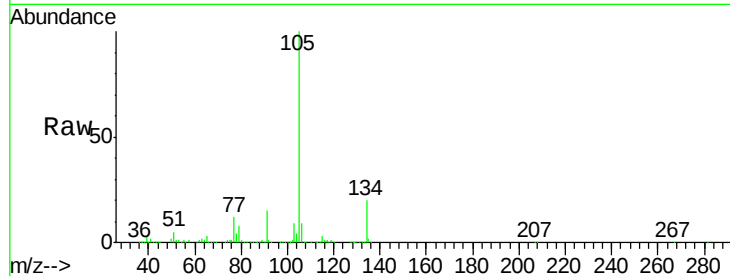
105 100

134 20.6 10.4 31.2

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

Ion 134.00 (133.70 to 134.70): V

13.25

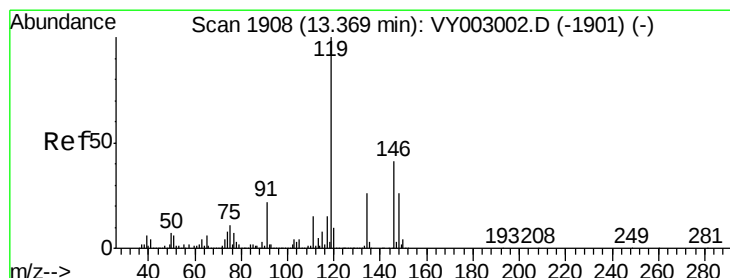
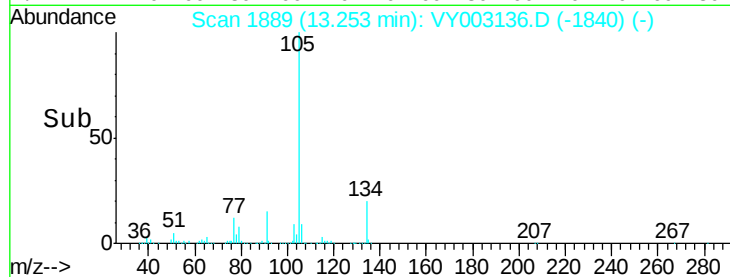
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.195 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

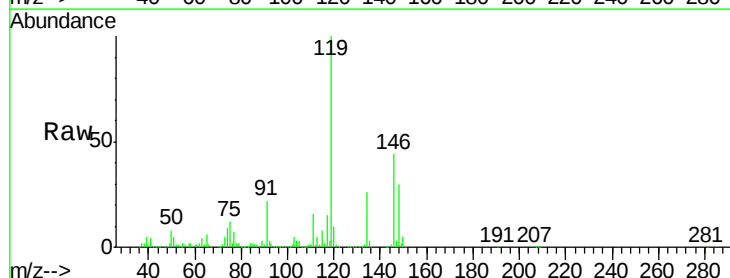
Tgt Ion:119 Resp: 390099

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 22.5 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

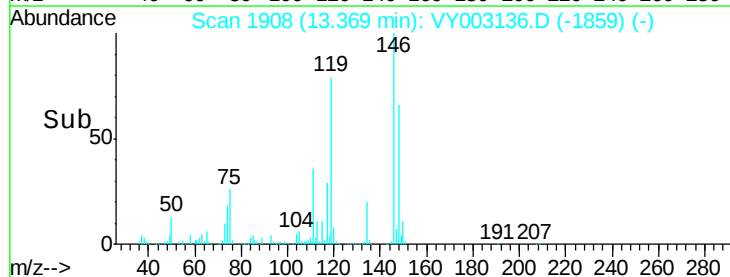
300000

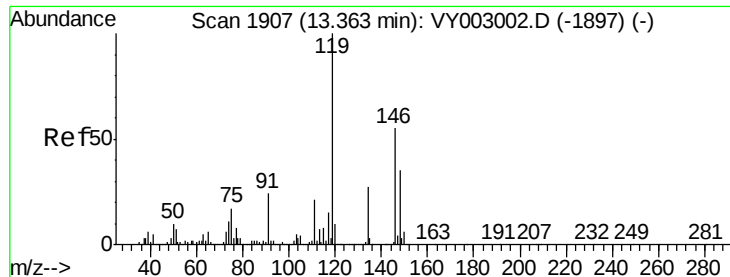
200000

100000

0

Time-->





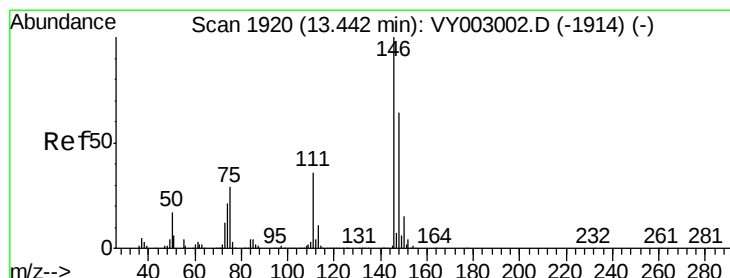
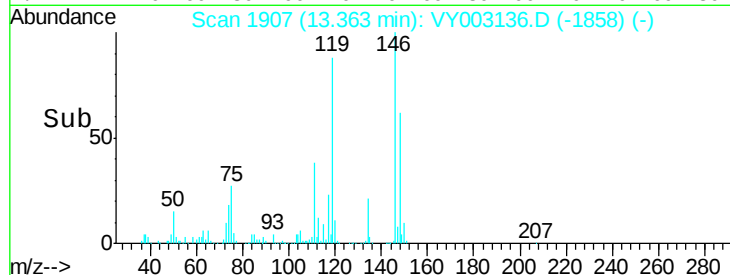
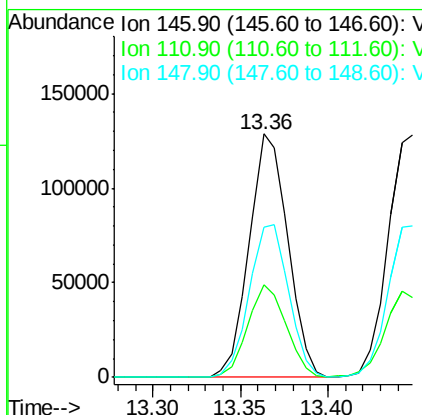
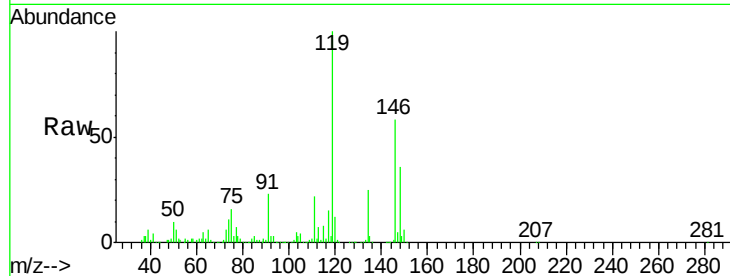
#87
 1,3-Dichlorobenzene
 Concen: 22.174 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	198243		
111	37.7	18.8	56.3	
148	64.1	31.8	95.3	

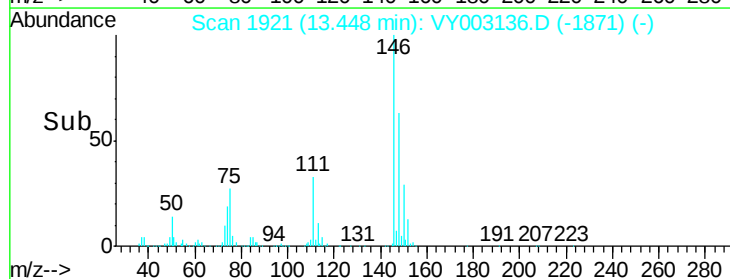
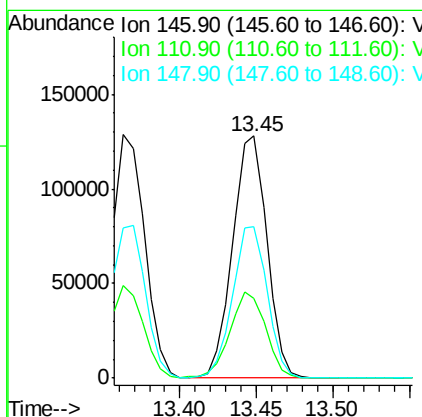
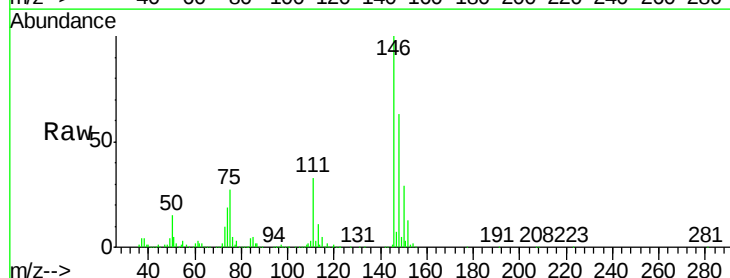
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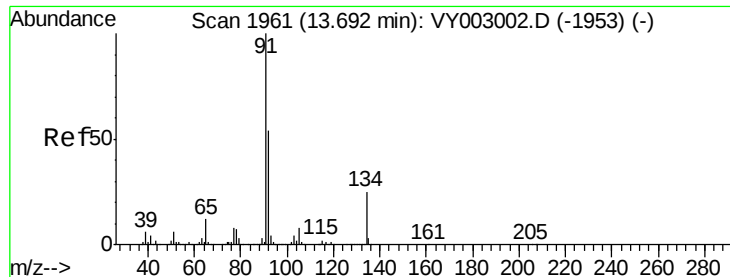
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#88
 1,4-Dichlorobenzene
 Concen: 22.577 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	199038		
111	37.3	18.4	55.4	
148	63.3	32.3	96.9	





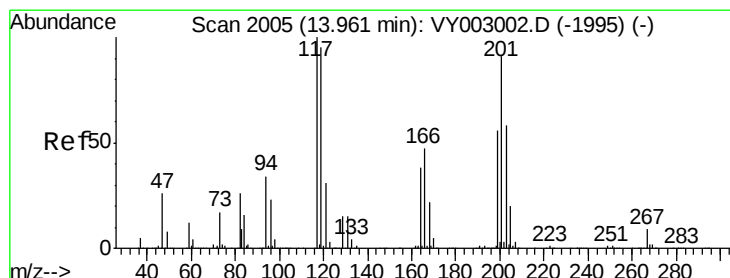
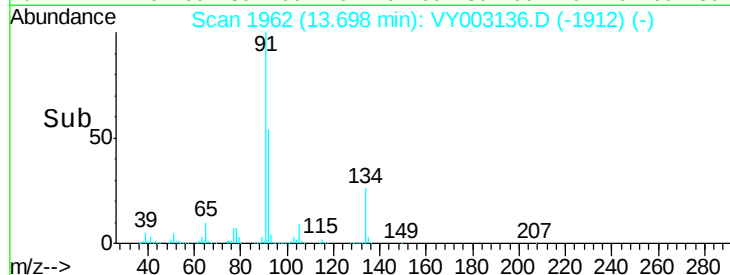
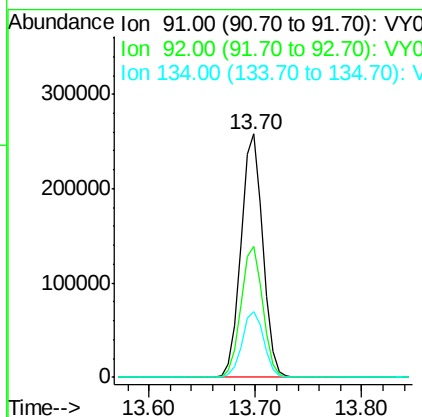
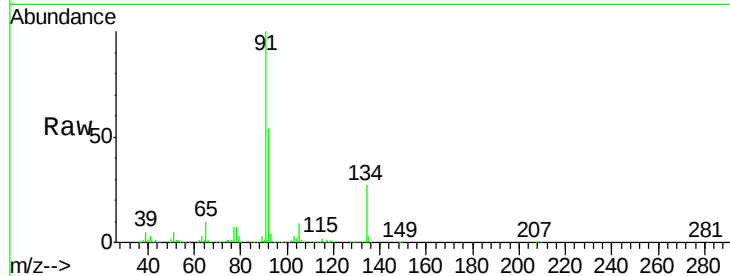
#89
n-Butylbenzene
Concen: 22.042 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.8	80.3
134	27.1	13.1	39.1

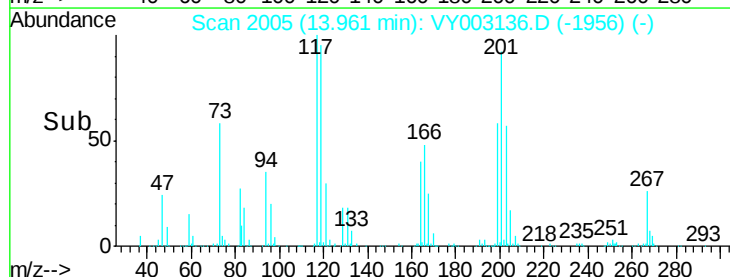
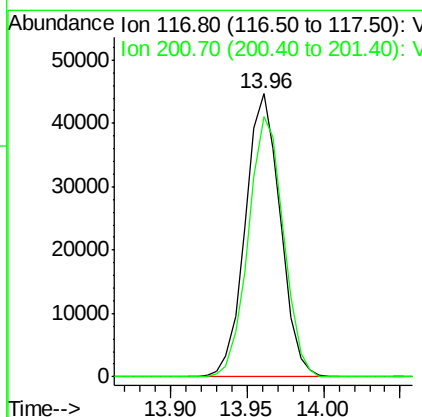
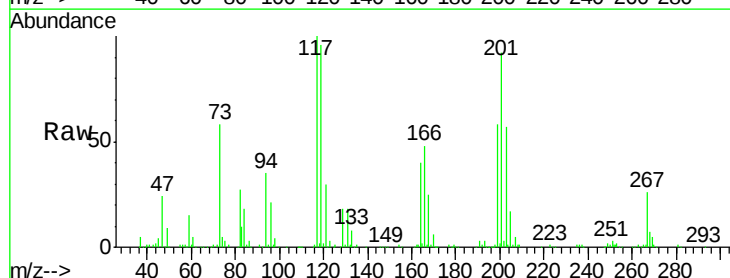
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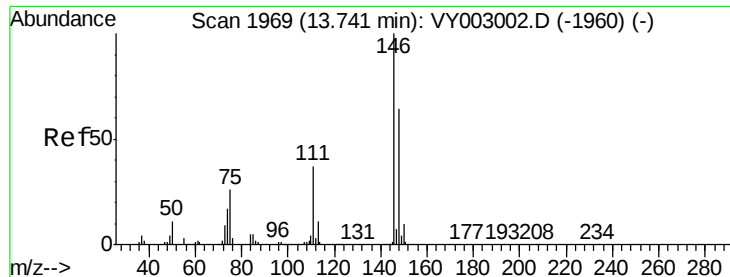
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#90
Hexachloroethane
Concen: 20.339 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003136.D
Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.0	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 21.890 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

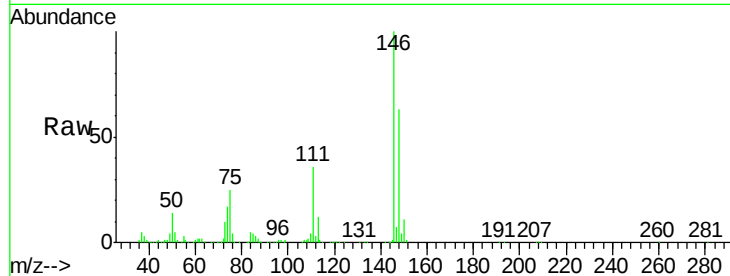
ClientSampleId :

VY0708SBS01

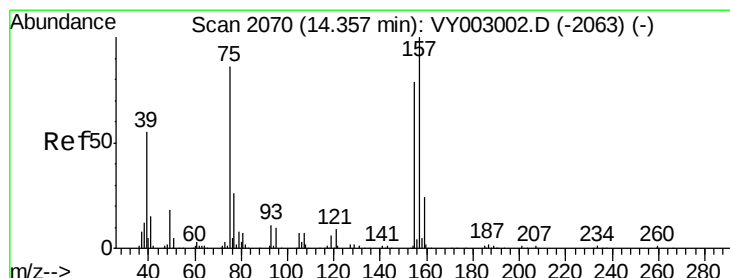
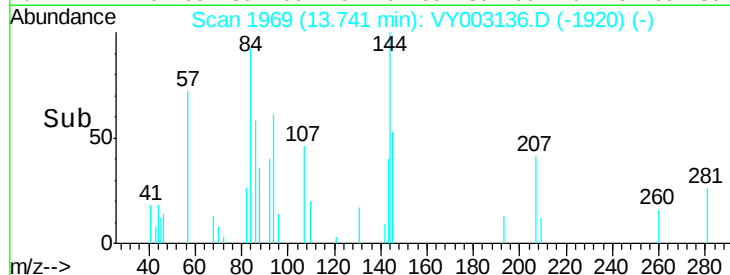
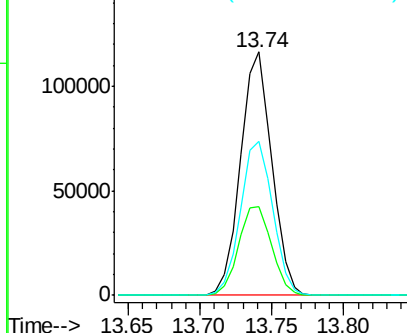
Tot Ion:	146	Resp:	175584
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.1	57.5
148	65.2	31.8	95.3

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.871 ug/l

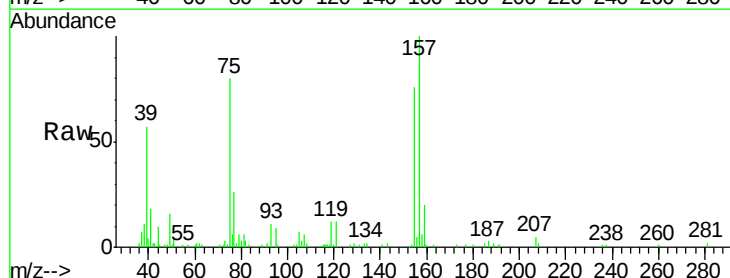
RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

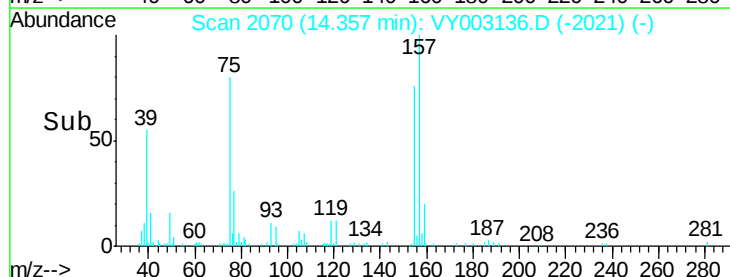
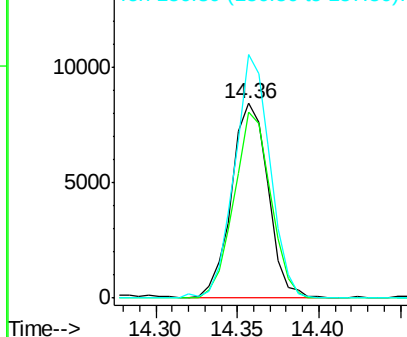
Lab File: VY003136.D

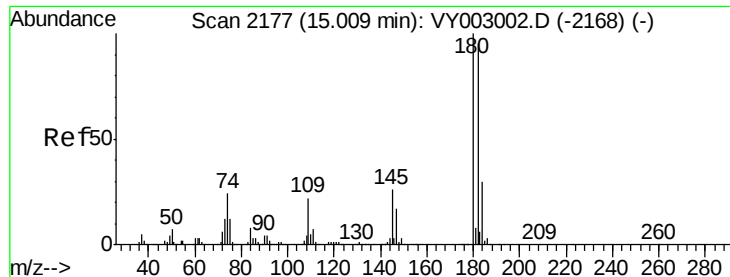
Acq: 08 Jul 2020 15:09

Tgt Ion:	75	Resp:	13258
Ion Ratio	Lower	Upper	
75	100		
155	94.7	46.5	139.3
157	120.7	59.2	177.5



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





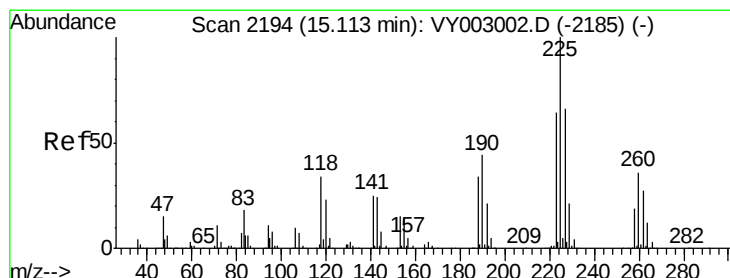
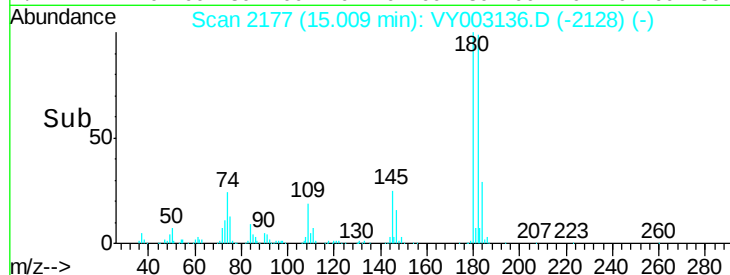
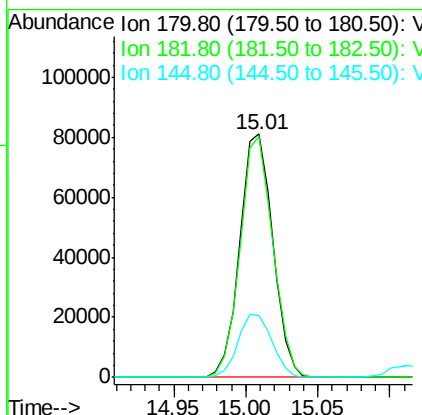
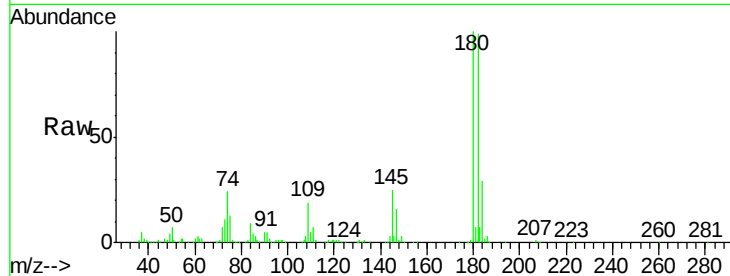
#93
 1,2,4-Trichlorobenzene
 Concen: 21.592 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128698		
182	97.7	48.1	144.3	
145	26.9	13.9	41.6	

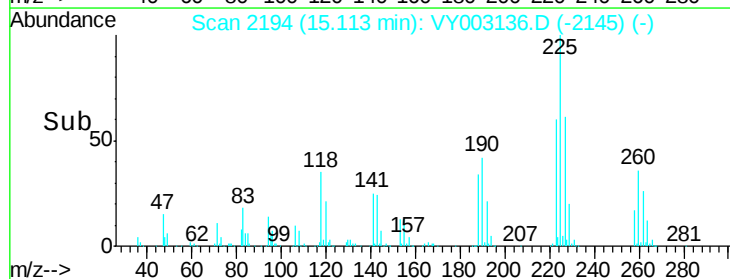
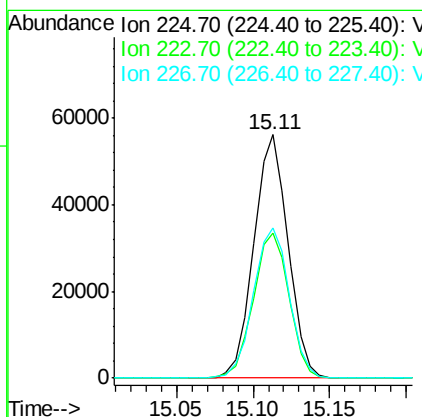
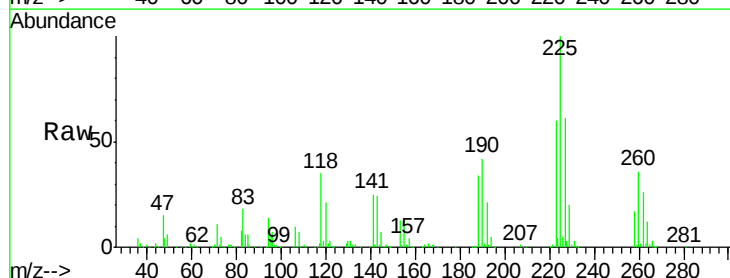
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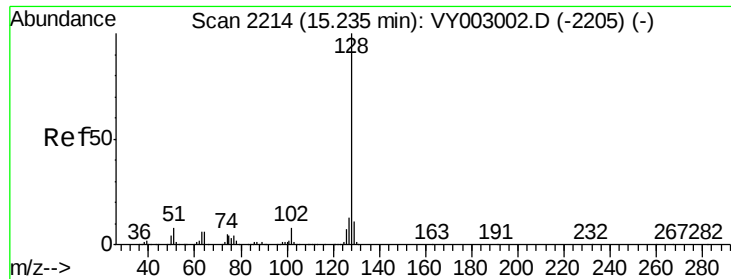
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#94
 Hexachlorobutadiene
 Concen: 23.246 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003136.D
 Acq: 08 Jul 2020 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87394		
223	62.2	32.4	97.0	
227	64.4	32.4	97.2	





#95

Naphthalene

Concen: 19.742 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Instrument :

MSVOA_Y

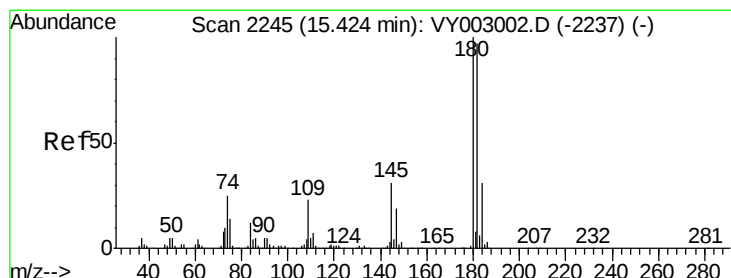
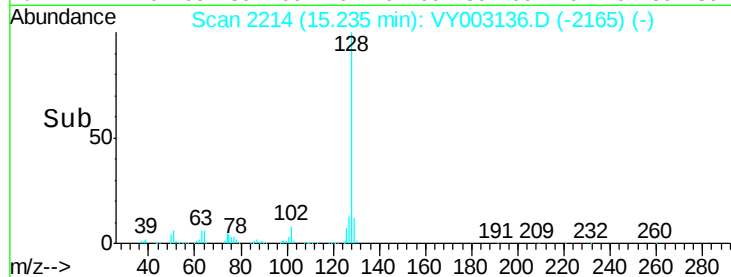
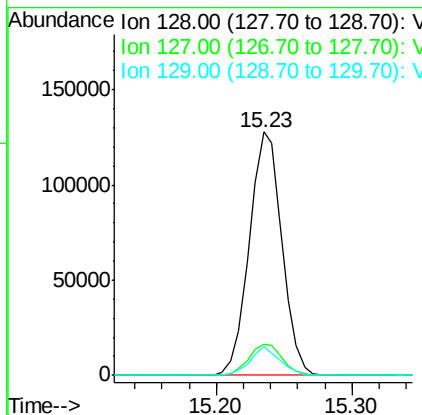
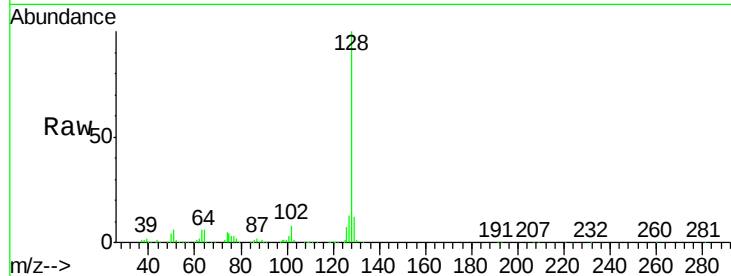
ClientSampleId :

VY0708SBS01

Tot Ion:	128	Resp:	214926
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.8	16.2
129	10.7	8.8	13.2

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#96

1,2,3-Trichlorobenzene

Concen: 20.394 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003136.D

Acq: 08 Jul 2020 15:09

Tgt Ion:	180	Resp:	105551
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.8	143.3
145	28.9	14.7	44.1

