

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002764.D
 Acq On : 27 May 2020 15:14
 Operator : SY/MD
 Sample : VY0527SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:08:49 PM

Quant Time: May 28 05:25:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	329927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	489740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	454750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	136776	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.72	113	138333	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.18	98	555203	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	12.48	95	191719	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	46122	20.317	ug/l	100
3) Chloromethane	2.12	50	51922	20.678	ug/l	97
4) Vinyl Chloride	2.25	62	55095	20.759	ug/l	97
5) Bromomethane	2.64	94	41512	20.871	ug/l	99
6) Chloroethane	2.79	64	36155	21.014	ug/l	95
7) Trichlorofluoromethane	3.13	101	95368	20.288	ug/l	98
8) Diethyl Ether	3.53	74	38214	20.820	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	59992	21.495	ug/l	100
10) Methyl Iodide	4.09	142	78197	20.024	ug/l	100
11) Tert butyl alcohol	4.97	59	38213	117.334	ug/l	97
12) 1,1-Dichloroethene	3.88	96	58785	20.944	ug/l	97
13) Acrolein	3.74	56	37058	110.388	ug/l	97
14) Allyl chloride	4.48	41	85806	21.316	ug/l	98
15) Acrylonitrile	5.18	53	87502	105.674	ug/l	99
16) Acetone	3.96	43	69274	103.127	ug/l	98
17) Carbon Disulfide	4.19	76	175688	20.714	ug/l	97
18) Methyl Acetate	4.49	43	39657	23.005	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	160480	20.711	ug/l	98
20) Methylene Chloride	4.72	84	73883	22.507	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	65610	20.786	ug/l	98
22) Diisopropyl ether	6.13	45	178133	21.294	ug/l	96
23) Vinyl Acetate	6.07	43	591524	107.103	ug/l	98
24) 1,1-Dichloroethane	6.02	63	102855	21.019	ug/l	99
25) 2-Butanone	6.99	43	109531	104.658	ug/l	98
26) 2,2-Dichloropropane	6.99	77	98090	20.901	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	73141	20.699	ug/l	100
28) Bromochloromethane	7.34	49	46006	22.902	ug/l	100
29) Tetrahydrofuran	7.36	42	72777	106.908	ug/l	99
30) Chloroform	7.51	83	108475	20.890	ug/l	97
31) Cyclohexane	7.78	56	100802	20.747	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	98849	20.428	ug/l	99
36) 1,1-Dichloropropene	7.93	75	87009	21.091	ug/l	99
37) Ethyl Acetate	7.08	43	49189	21.915	ug/l	99
38) Carbon Tetrachloride	7.91	117	93861	20.480	ug/l	97

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: May 28 05:25:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	111926	20.583	ug/l	98
40) Benzene	8.16	78	250974	20.589	ug/l	100
41) Methacrylonitrile	7.32	41	20327m	16.857	ug/l	
42) 1,2-Dichloroethane	8.24	62	69865	20.451	ug/l	100
43) Isopropyl Acetate	8.28	43	88171	20.729	ug/l	99
44) Trichloroethene	8.94	130	78451	20.375	ug/l	98
45) 1,2-Dichloropropane	9.22	63	61594	21.070	ug/l	99
46) Dibromomethane	9.31	93	36290	20.903	ug/l	97
47) Bromodichloromethane	9.50	83	84756	20.709	ug/l	99
48) Methyl methacrylate	9.30	41	39815	20.736	ug/l	98
49) 1,4-Dioxane	9.30	88	11069	415.238	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	234566	104.145	ug/l	99
52) Toluene	10.24	92	162693	20.402	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	92878	20.777	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	104333	20.597	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	54269	20.418	ug/l	96
56) Ethyl methacrylate	10.51	69	75061	21.085	ug/l	98
57) 1,3-Dichloropropane	10.79	76	89766	20.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	182344	104.825	ug/l	99
59) 2-Hexanone	10.83	43	166498	104.187	ug/l	99
60) Dibromochloromethane	10.99	129	69418	20.601	ug/l	98
61) 1,2-Dibromoethane	11.09	107	54419	20.756	ug/l	98
64) Tetrachloroethene	10.72	164	83713	20.255	ug/l	98
65) Chlorobenzene	11.52	112	183881	20.458	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	70095	20.707	ug/l	99
67) Ethyl Benzene	11.59	91	318982	20.471	ug/l	100
68) m/p-Xylenes	11.70	106	246176	40.748	ug/l	100
69) o-Xylene	12.03	106	117363	20.578	ug/l	100
70) Styrene	12.04	104	202259	20.457	ug/l	99
71) Bromoform	12.20	173	46505	20.531	ug/l #	100
73) Isopropylbenzene	12.33	105	320505	20.616	ug/l	100
74) N-amyl acetate	12.14	43	83423	20.913	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	57504	21.081	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	43717m	19.999	ug/l	
77) Bromobenzene	12.61	156	81168	20.051	ug/l	97
78) n-propylbenzene	12.67	91	374247	20.840	ug/l	99
79) 2-Chlorotoluene	12.75	91	205795	20.429	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	268596	20.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	24172	20.833	ug/l	98
82) 4-Chlorotoluene	12.85	91	216589	20.521	ug/l	100
83) tert-Butylbenzene	13.07	119	240982	20.812	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	271182	20.777	ug/l	100
85) sec-Butylbenzene	13.25	105	333956	21.094	ug/l	99
86) p-Isopropyltoluene	13.37	119	307709	20.888	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	155830	20.322	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	155280	20.244	ug/l	99
89) n-Butylbenzene	13.69	91	280783	20.993	ug/l	100
90) Hexachloroethane	13.96	117	56877	20.623	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	143158	20.586	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10980	20.922	ug/l	98

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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

Manual Integrations
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Quant Time: May 28 05:25:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	109799	20.947	ug/l	100
94) Hexachlorobutadiene	15.11	225	62691	21.087	ug/l	100
95) Naphthalene	15.23	128	217449	20.690	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	97148	20.755	ug/l	99

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

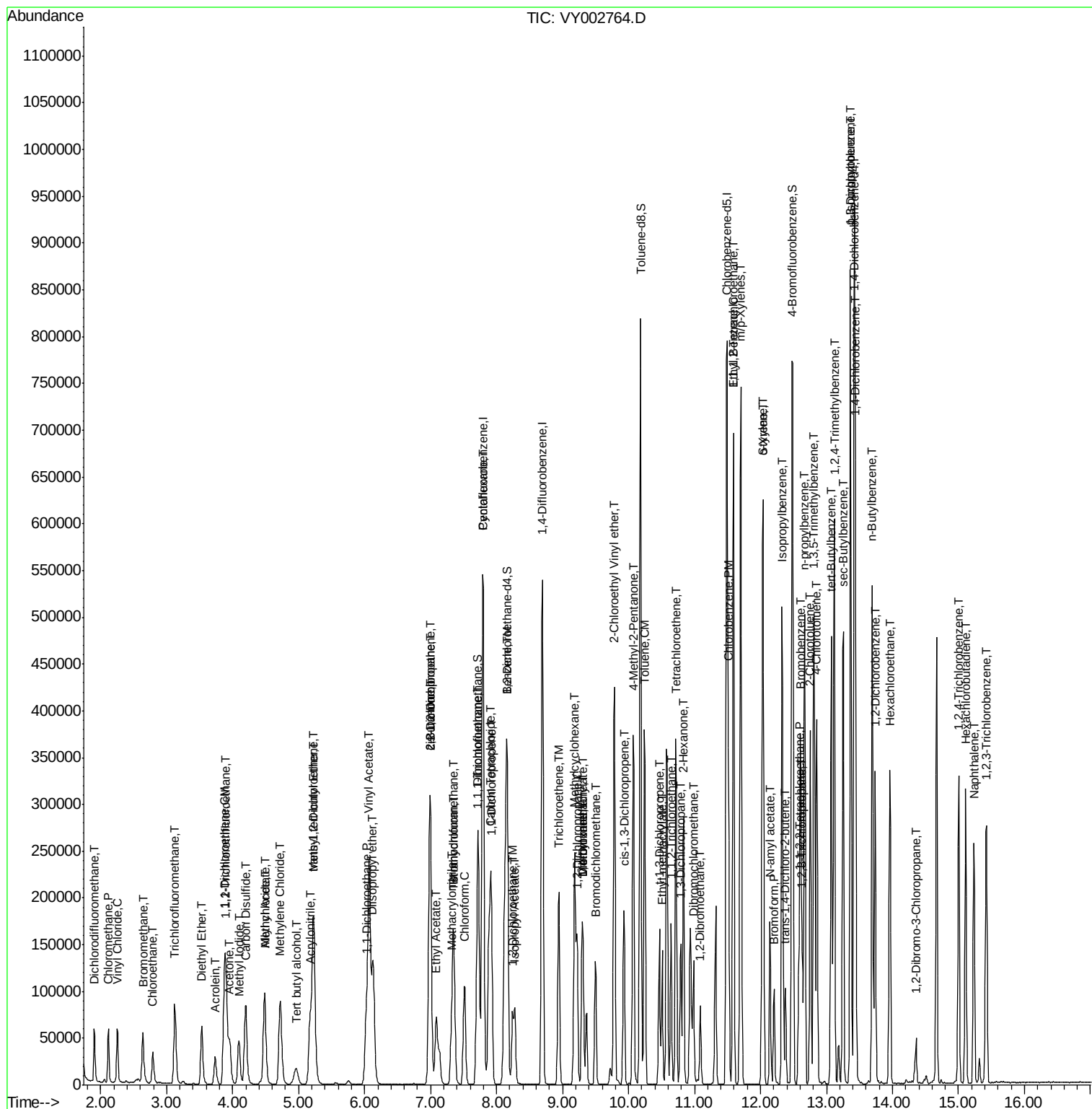
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 Data File : VY002764.D
 Acq On : 27 May 2020 15:14
 Operator : SY/MD
 Sample : VY0527SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

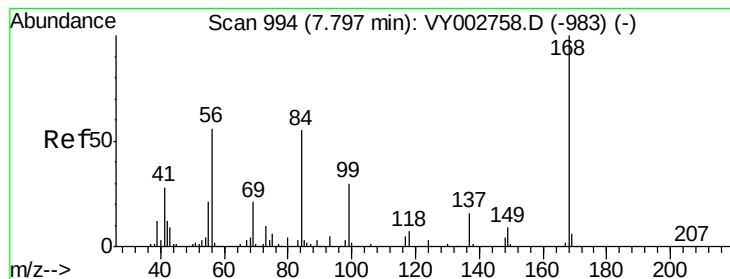
Instrument :
 MSVOA_Y
 Client Sample Id :
 VY0527SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion:168 Resp: 329927

Ion Ratio Lower Upper

168 100

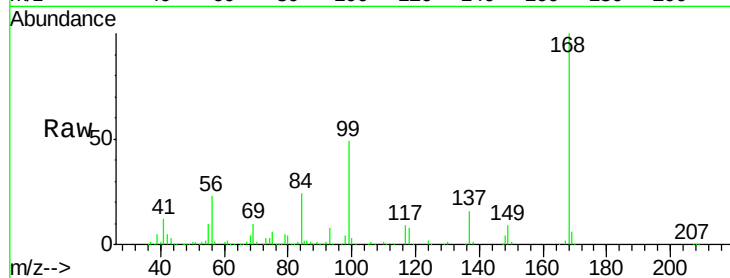
99 48.7 39.0 58.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

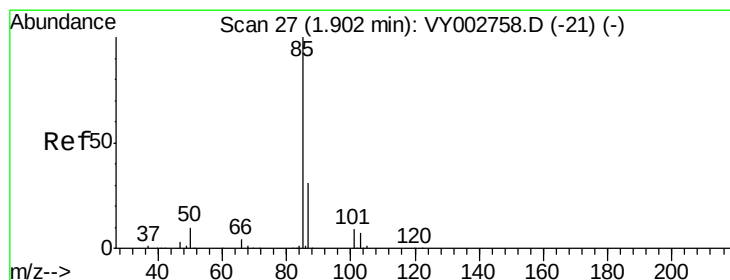
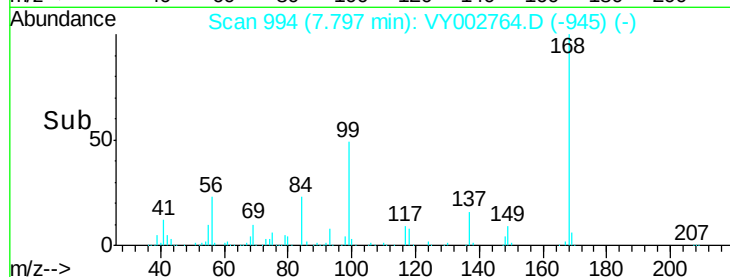
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.317 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002764.D

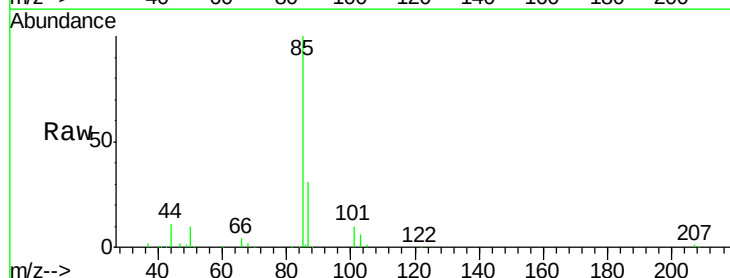
Acq: 27 May 2020 15:14

Tgt Ion: 85 Resp: 46122

Ion Ratio Lower Upper

85 100

87 30.8 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.90

30000

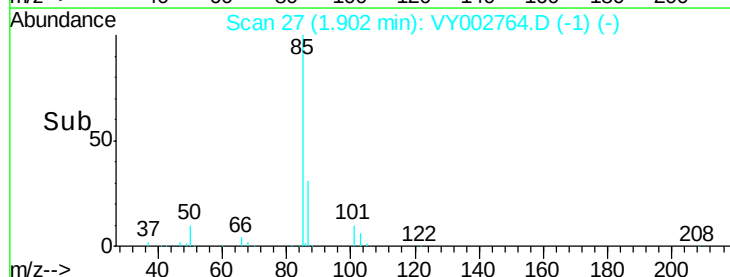
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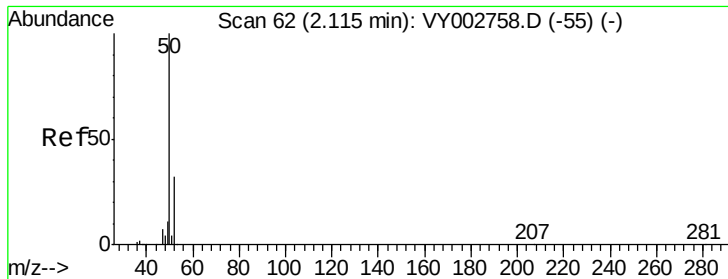
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.678 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 50 Resp: 51922

Ion Ratio Lower Upper

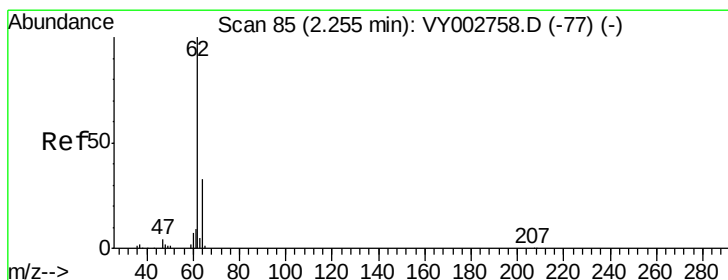
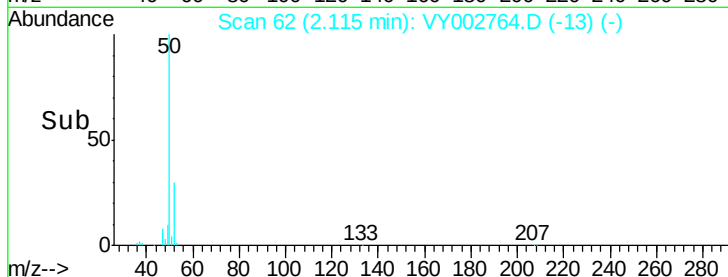
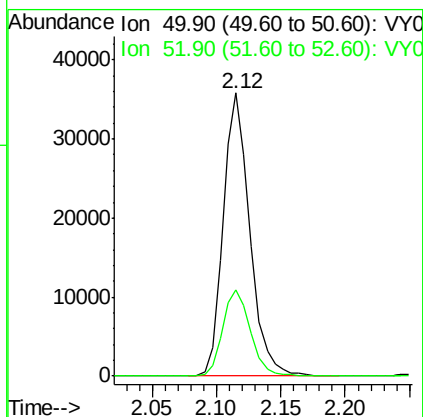
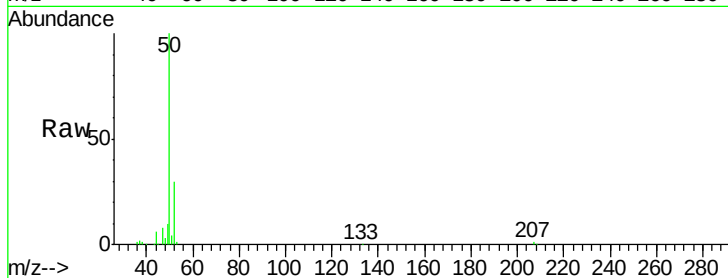
50 100

52 30.4 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.759 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY002764.D

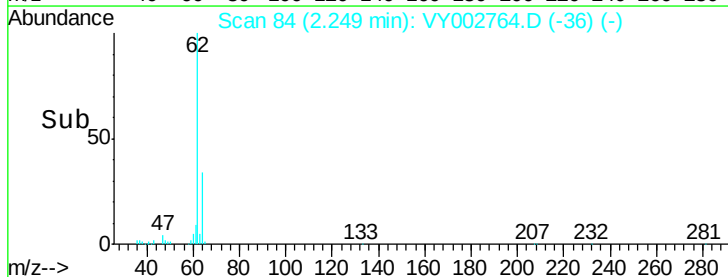
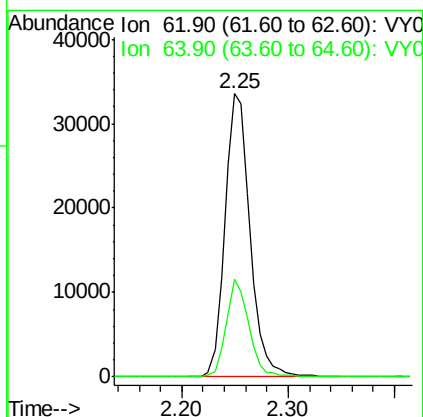
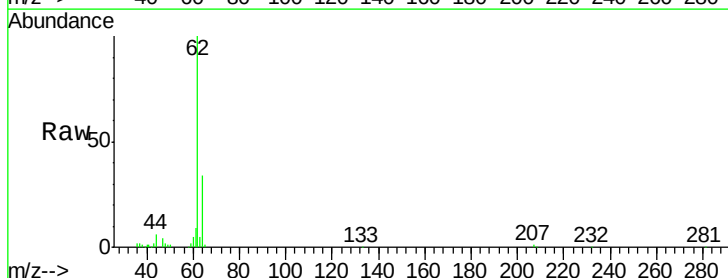
Acq: 27 May 2020 15:14

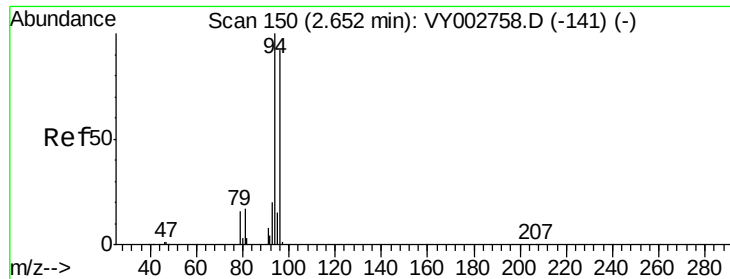
Tgt Ion: 62 Resp: 55095

Ion Ratio Lower Upper

62 100

64 34.4 26.1 39.1





#5

Bromomethane

Concen: 20.871 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 94 Resp: 41512

Ion Ratio Lower Upper

94 100

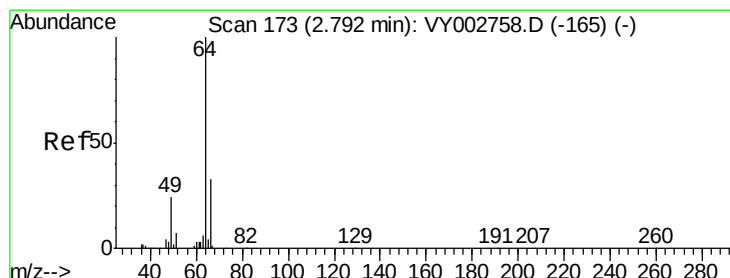
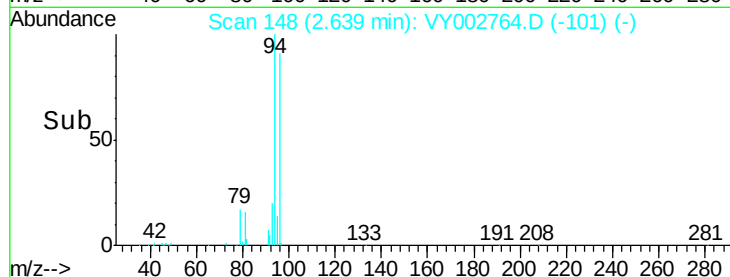
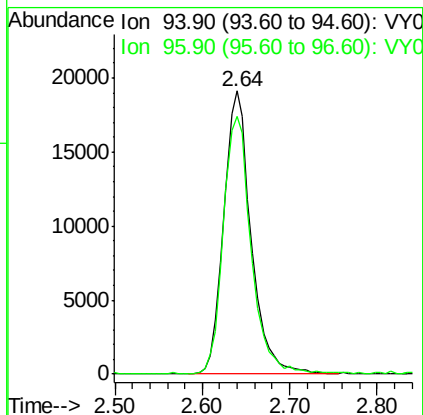
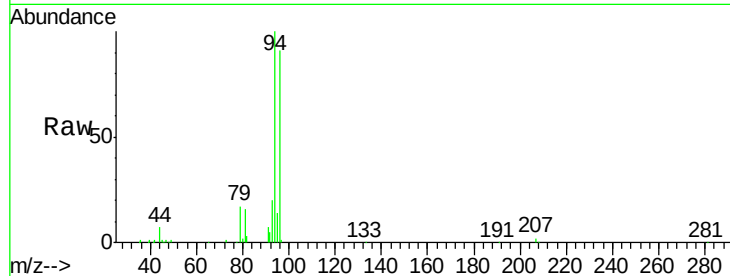
96 91.0 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 21.014 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002764.D

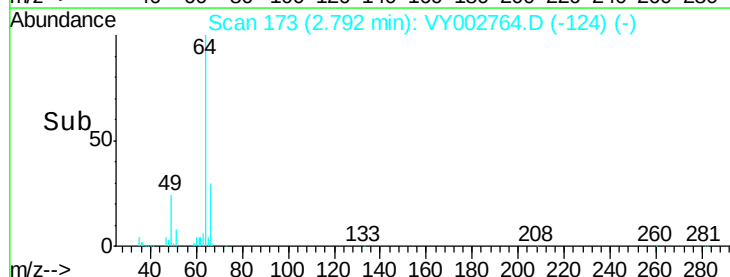
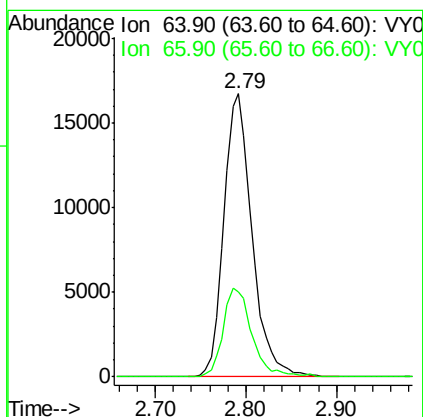
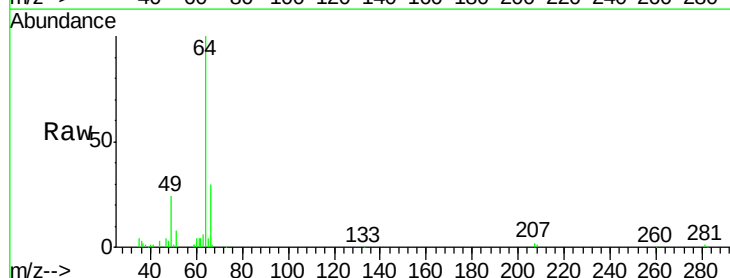
Acq: 27 May 2020 15:14

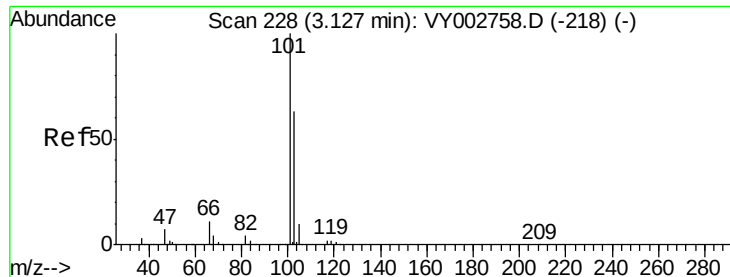
Tgt Ion: 64 Resp: 36155

Ion Ratio Lower Upper

64 100

66 30.1 26.4 39.6





#7

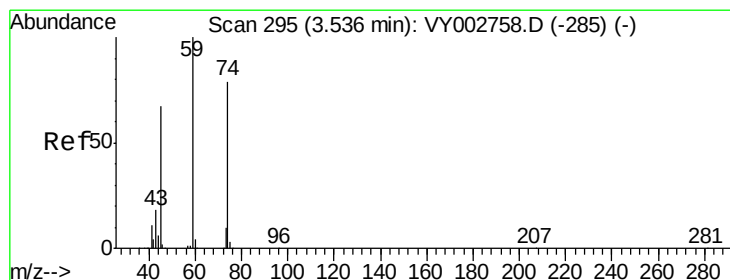
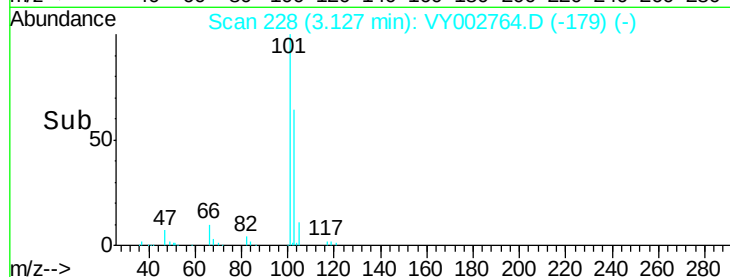
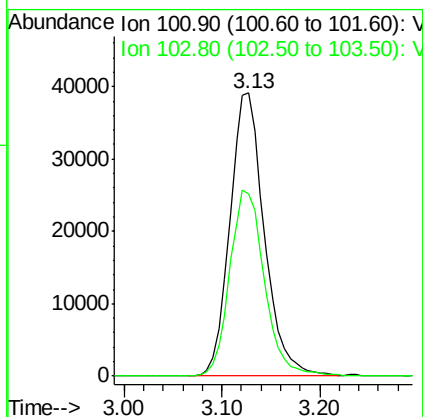
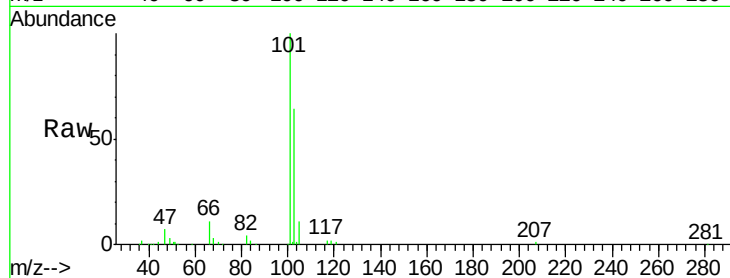
Trichlorofluoromethane
 Concen: 20.288 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.6	76.0

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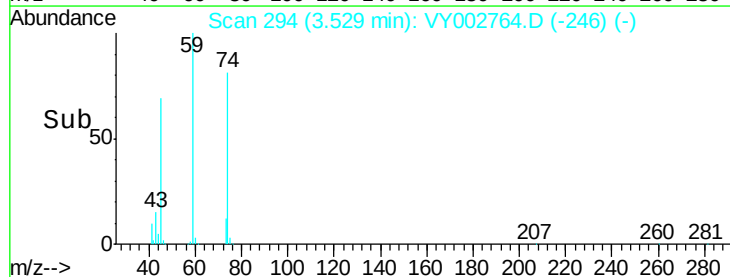
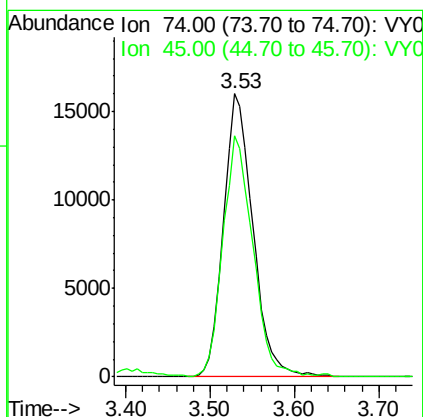
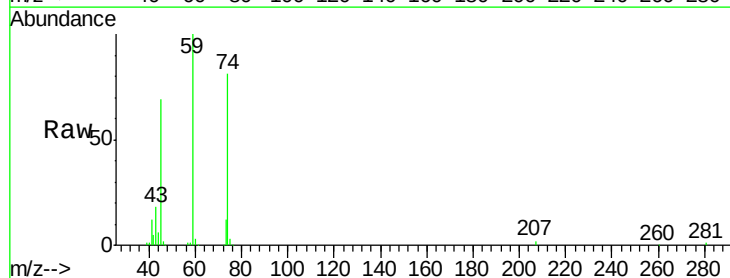
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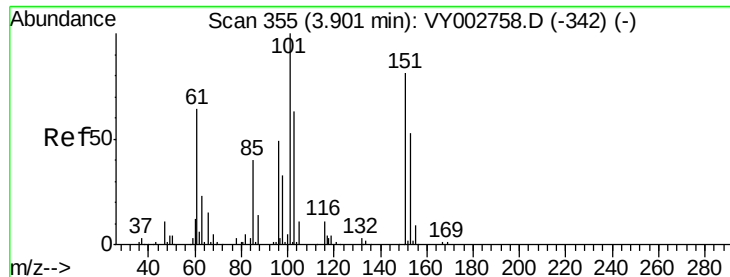


#8

Diethyl Ether
 Concen: 20.820 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.1	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.495 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

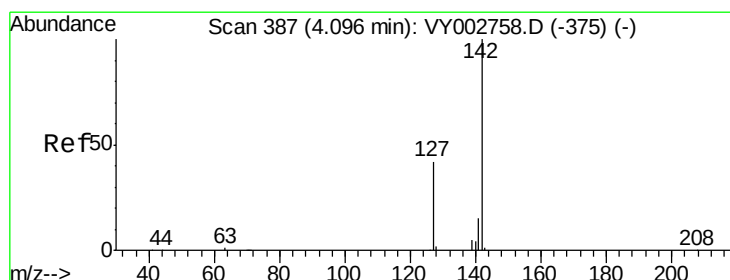
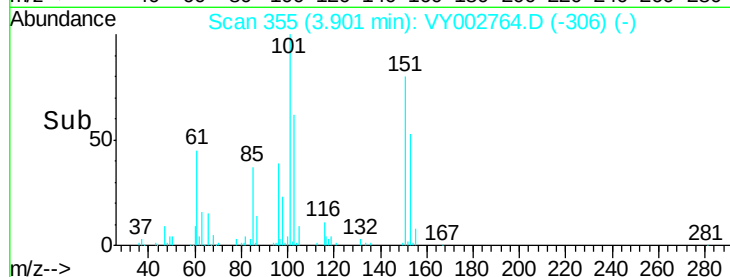
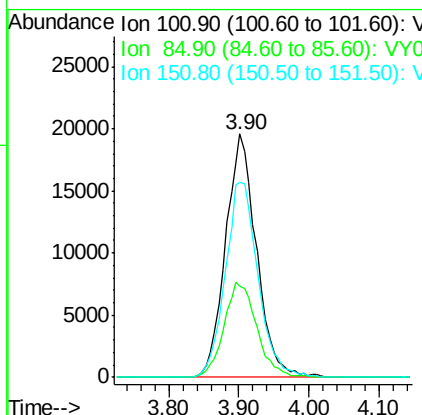
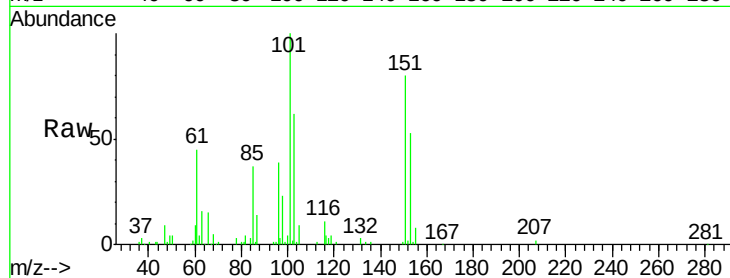
ClientSampleId :

VY0527SBS01

Tot Ion:	101	Resp:	59992
Ion Ratio	Lower	Upper	
101	100		
85	41.4	32.7	49.1
151	85.1	68.0	102.0

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#10

Methyl Iodide

Concen: 20.024 ug/l

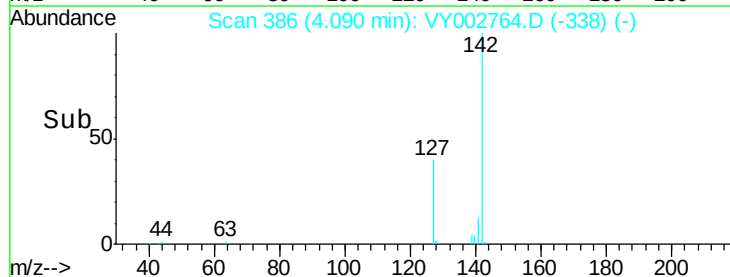
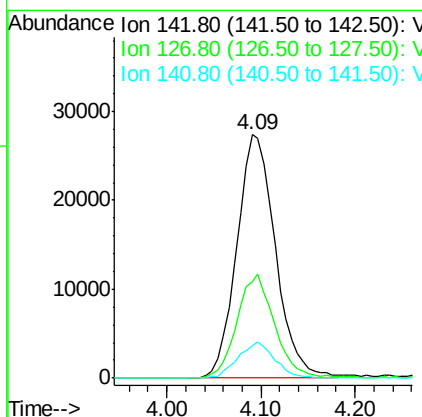
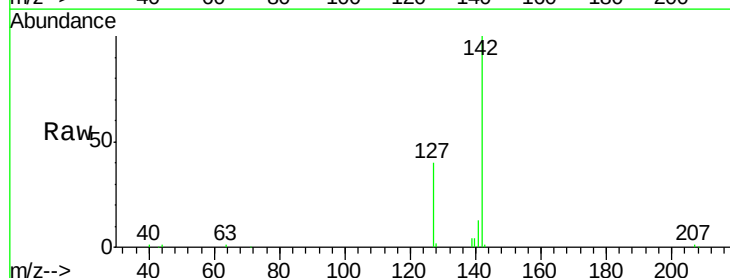
RT: 4.09 min Scan# 386

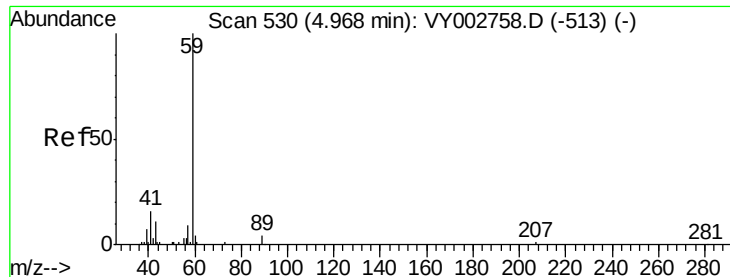
Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion:	142	Resp:	78197
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.3	49.9
141	14.1	11.5	17.3





#11

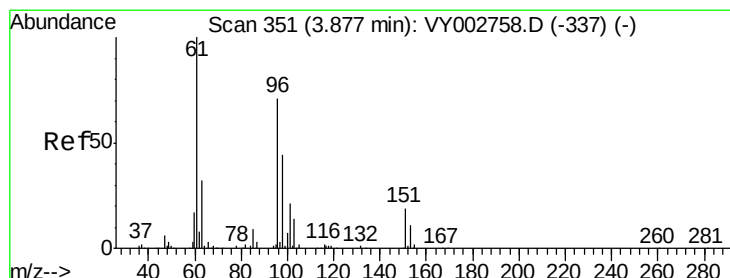
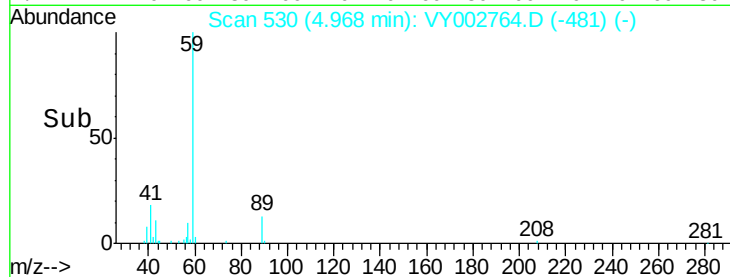
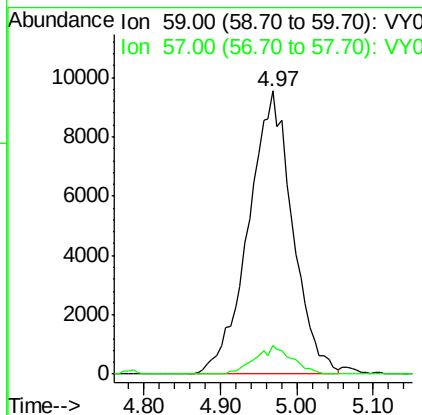
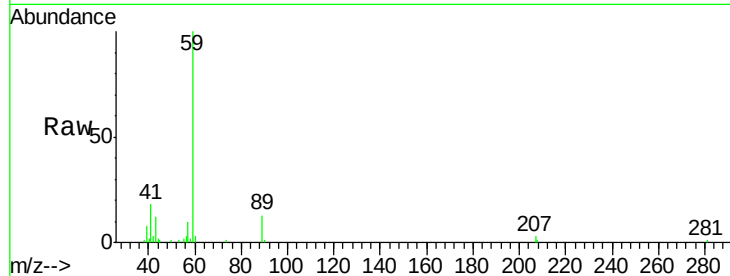
Tert butyl alcohol
 Concen: 117.334 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.3	7.7	11.5

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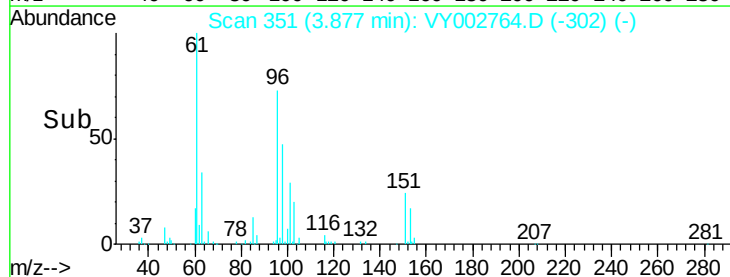
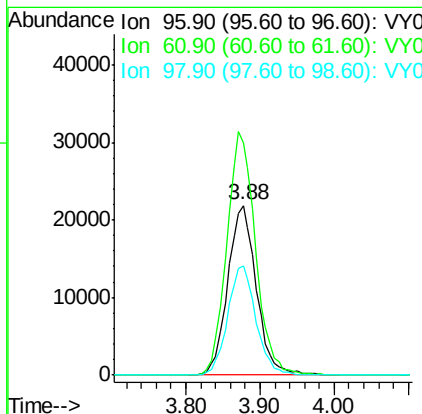
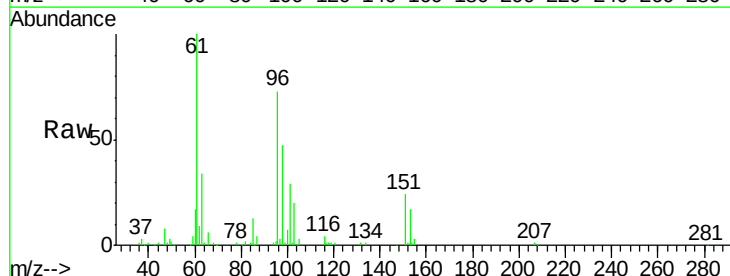
MMDadoda
 5/28/2020 2:08:49 PM

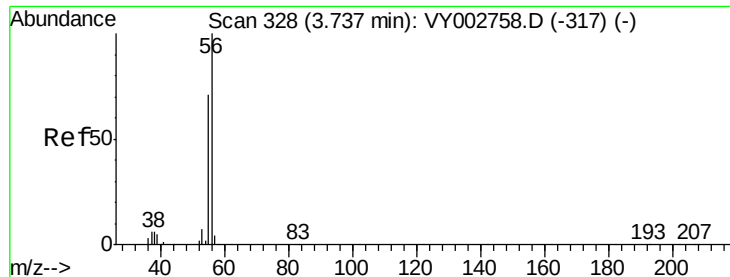


#12

1,1-Dichloroethene
 Concen: 20.944 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.0	112.6	168.8
98	64.4	50.0	75.0





#13

Acrolein

Concen: 110.388 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 56 Resp: 37058

Ion Ratio Lower Upper

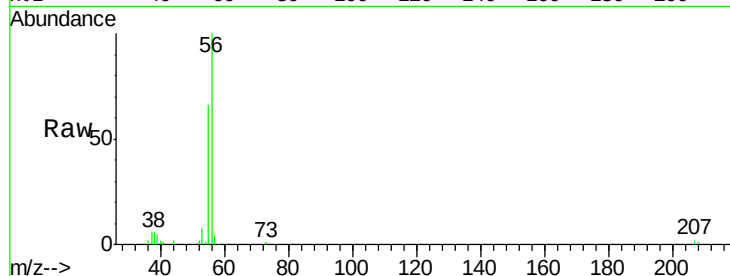
56 100

55 67.6 56.0 84.0

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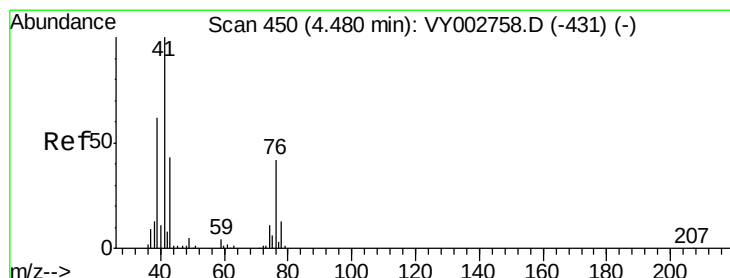
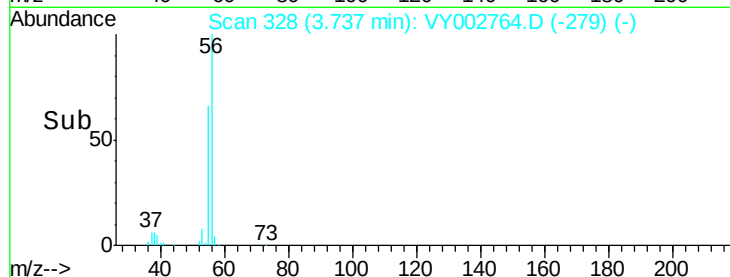
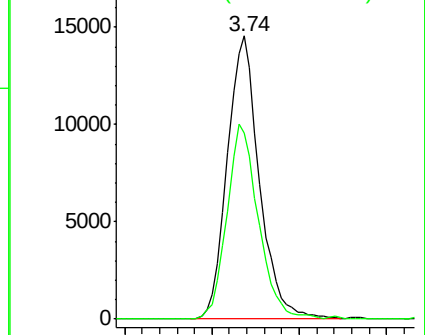
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.316 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

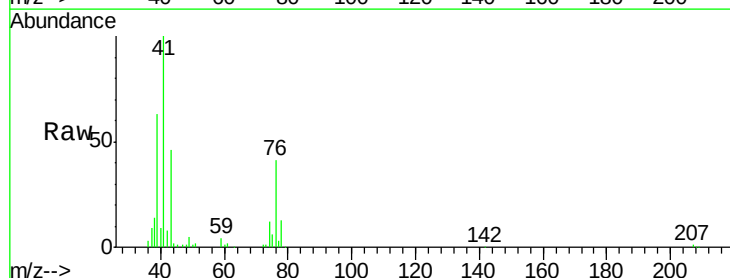
Tgt Ion: 41 Resp: 85806

Ion Ratio Lower Upper

41 100

39 63.8 49.9 74.9

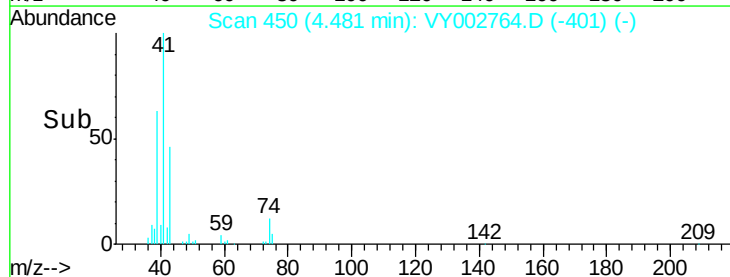
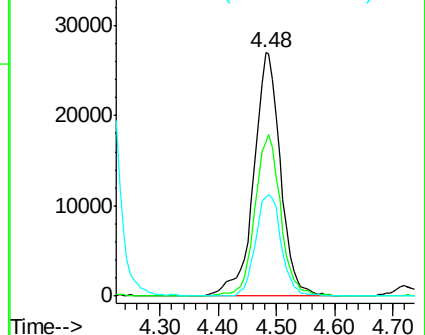
76 40.1 33.2 49.8

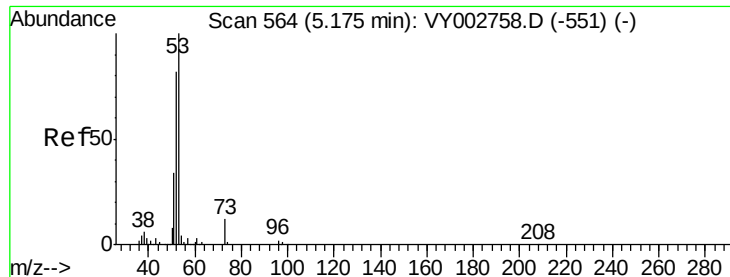


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 105.674 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

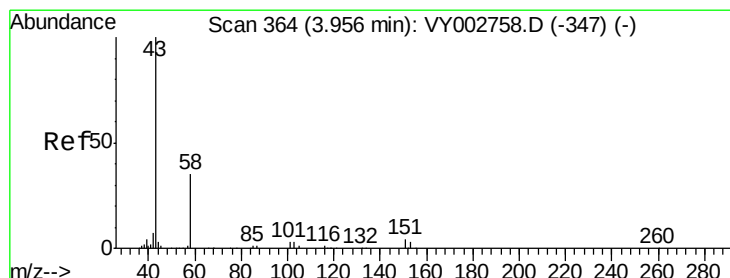
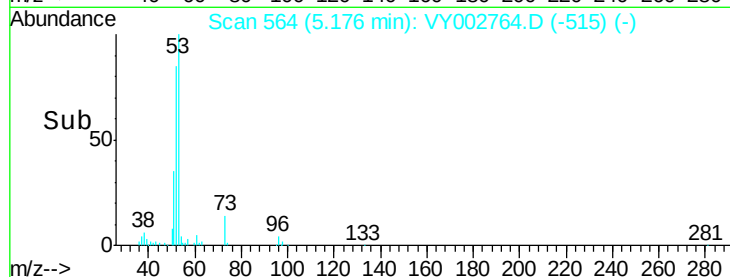
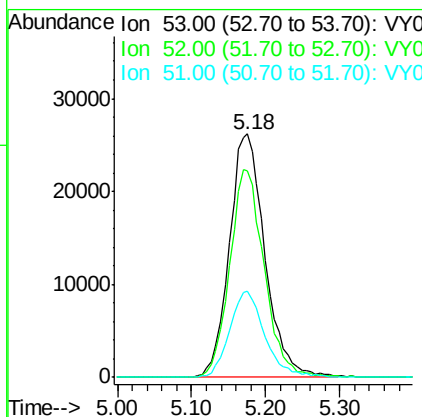
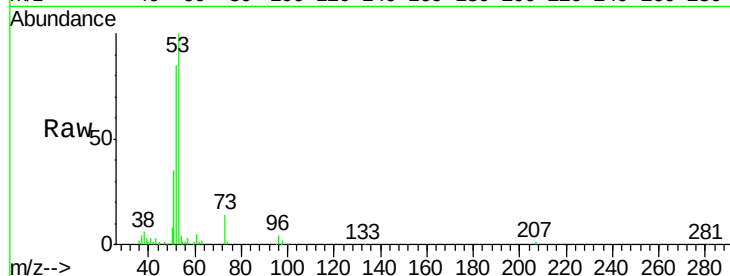
ClientSampleId :

VY0527SBS01

Tot Ion:	53	Resp:	87502
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.3	97.9
51	35.1	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 103.127 ug/l

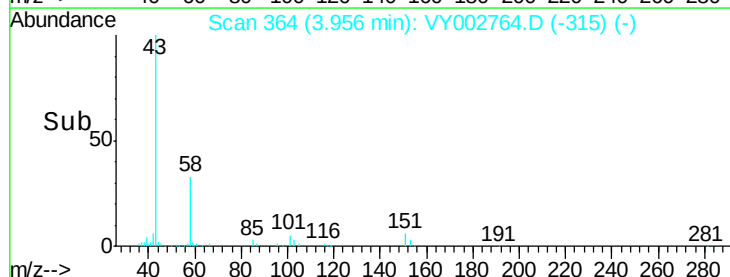
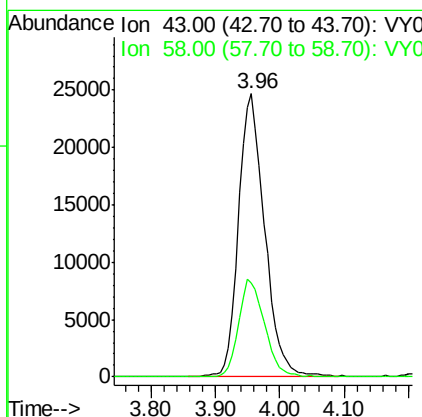
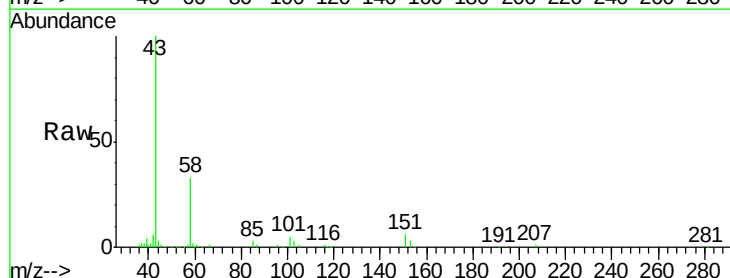
RT: 3.96 min Scan# 364

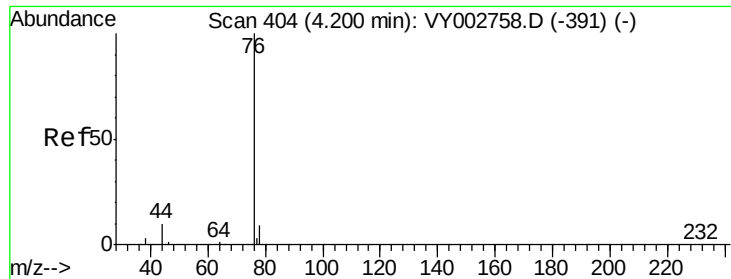
Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion:	43	Resp:	69274
Ion Ratio	Lower	Upper	
43	100		
58	33.3	27.7	41.5





#17

Carbon Disulfide

Concen: 20.714 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 76 Resp: 175688

Ion Ratio Lower Upper

76 100

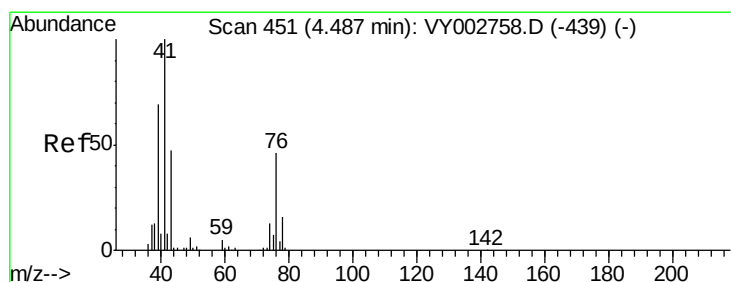
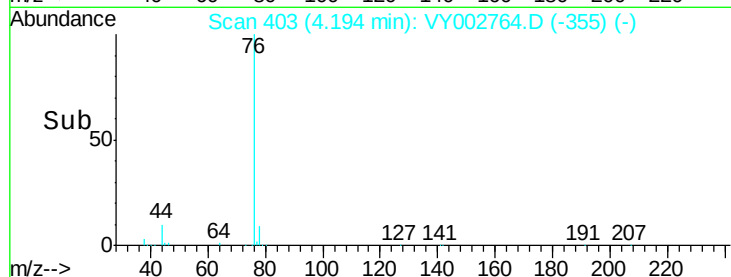
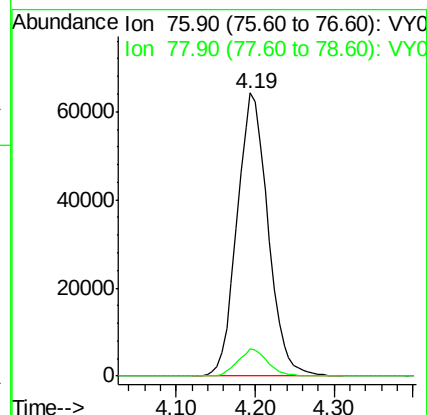
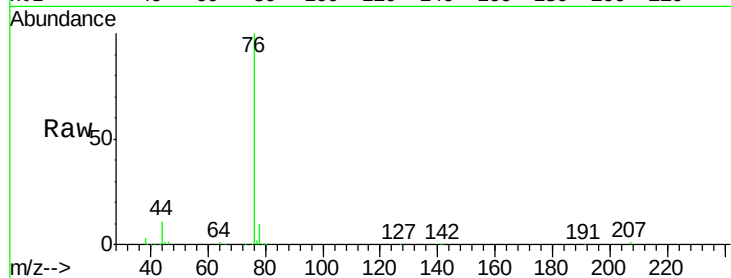
78 9.6 6.9 10.3

Manual Integrations

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#18

Methyl Acetate

Concen: 23.005 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002764.D

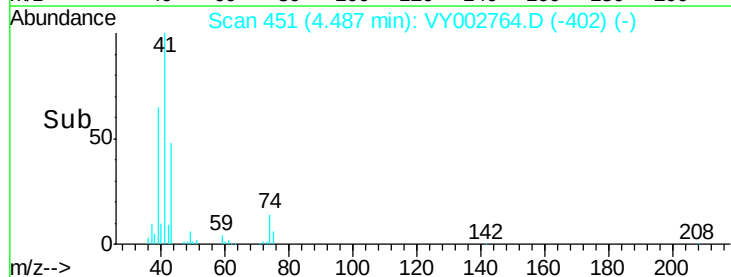
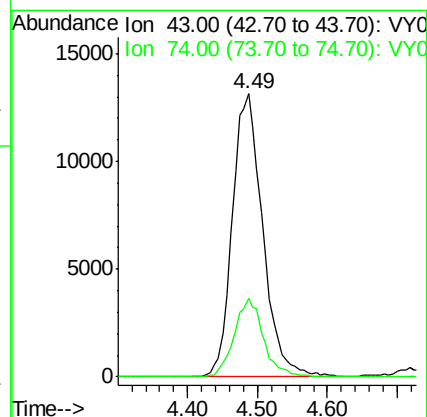
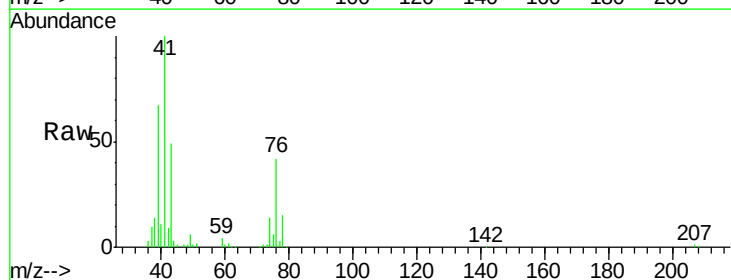
Acq: 27 May 2020 15:14

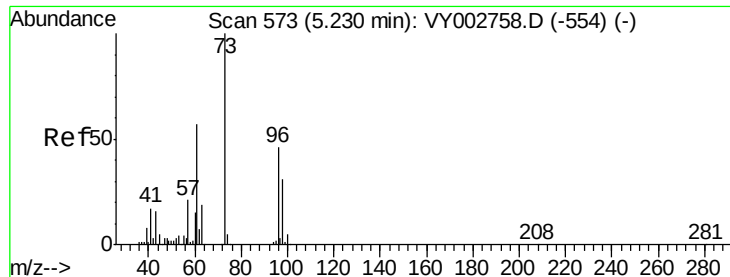
Tgt Ion: 43 Resp: 39657

Ion Ratio Lower Upper

43 100

74 26.6 21.4 32.0





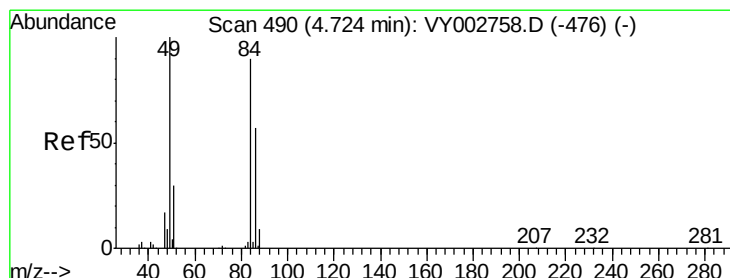
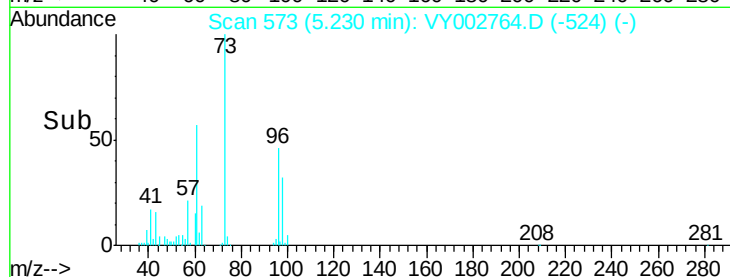
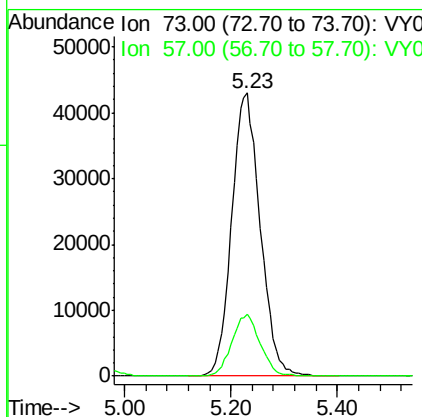
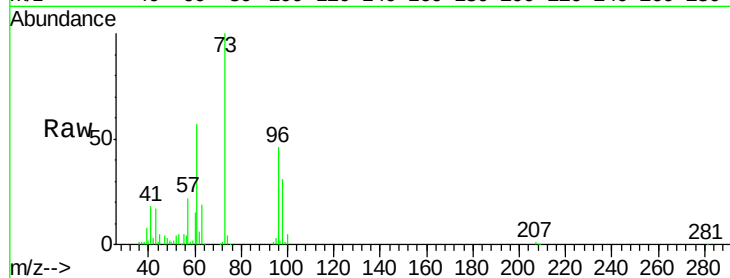
#19
Methyl tert-butyl Ether
Concen: 20.711 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.0	25.4

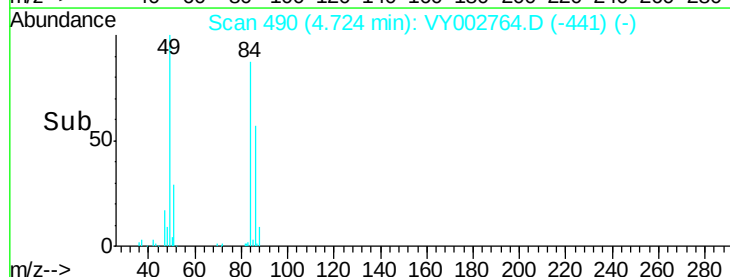
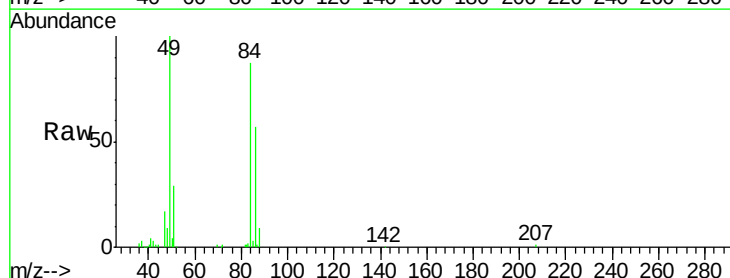
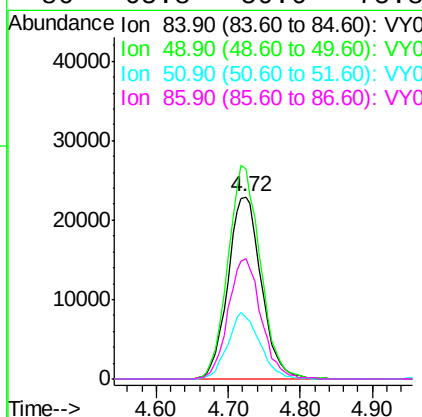
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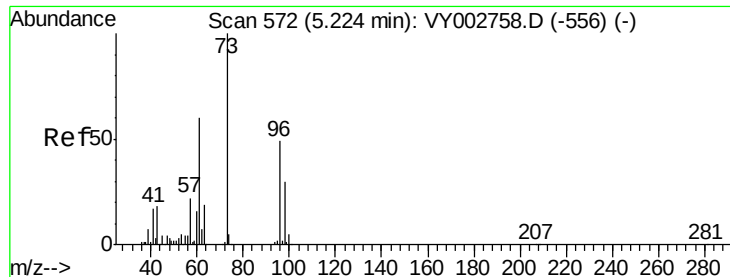
MMDadoda
5/28/2020 2:08:49 PM



#20
Methylene Chloride
Concen: 22.507 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.0	88.5	132.7
51	33.8	26.8	40.2
86	65.8	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 20.786 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

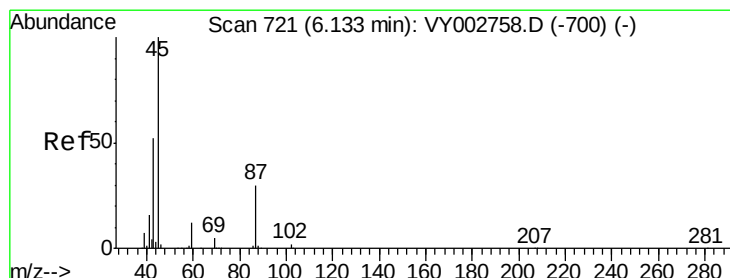
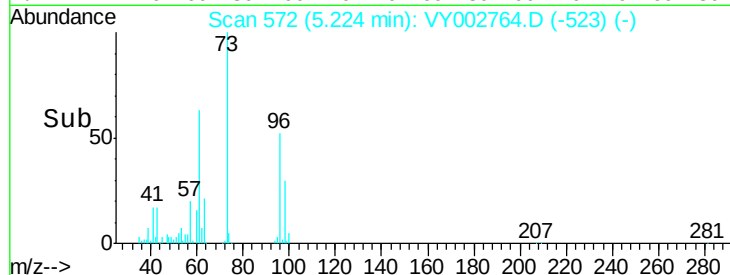
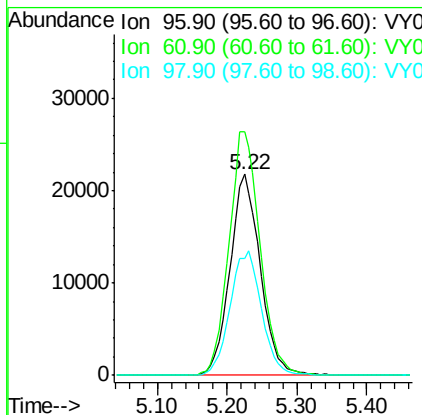
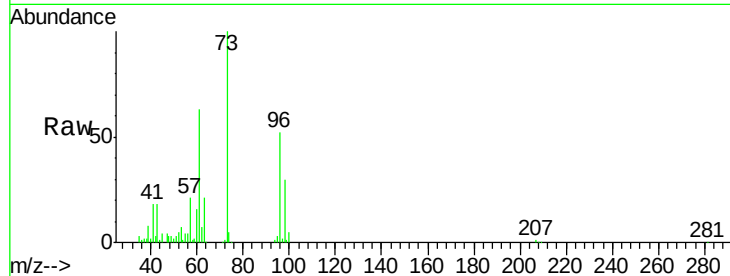
ClientSampleId :

VY0527SBS01

Tot Ion:	96	Resp:	65610
Ion	Ratio	Lower	Upper
96	100		
61	121.1	96.8	145.2
98	58.2	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.294 ug/l

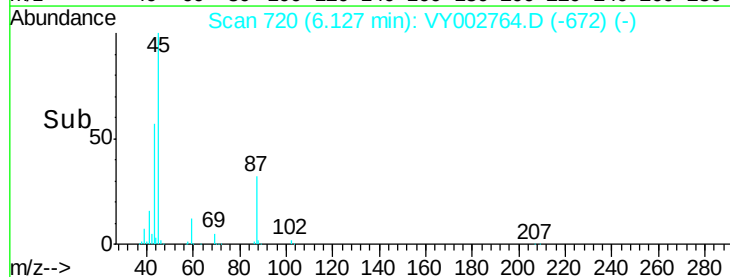
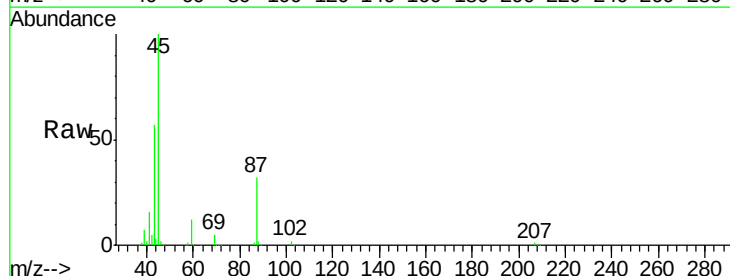
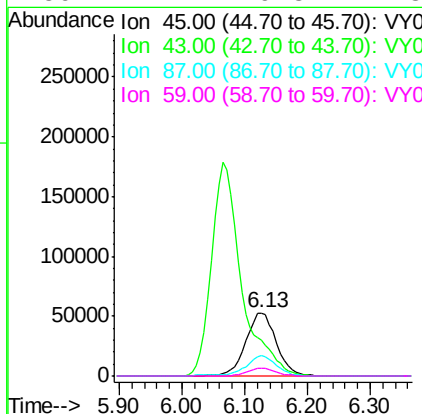
RT: 6.13 min Scan# 720

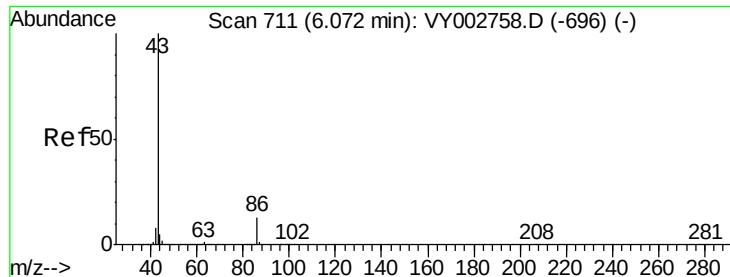
Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion:	45	Resp:	178133
Ion	Ratio	Lower	Upper
45	100		
43	56.2	41.7	62.5
87	32.1	24.2	36.2
59	12.2	9.8	14.8





#23

Vinyl Acetate

Concen: 107.103 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 43 Resp: 591524

Ion Ratio Lower Upper

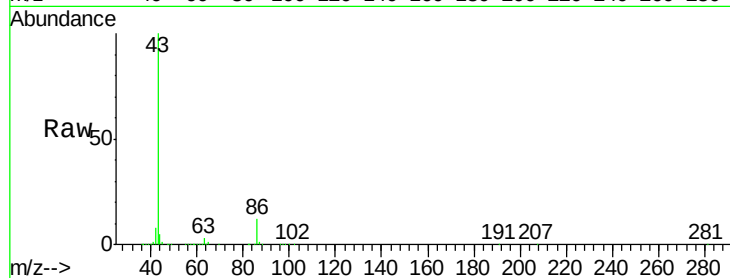
43 100

86 12.1 10.2 15.2

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

200000

150000

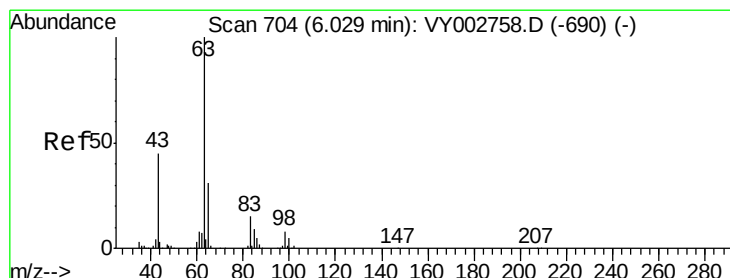
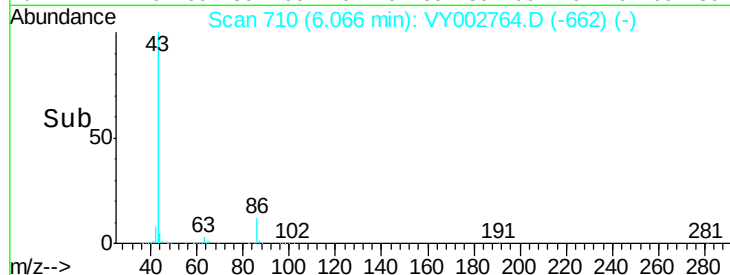
100000

50000

0

5.90 6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 21.019 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

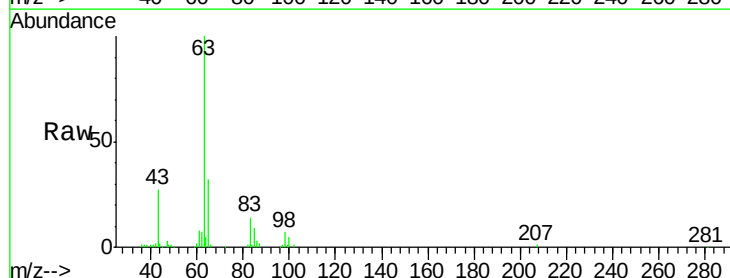
Tgt Ion: 63 Resp: 102855

Ion Ratio Lower Upper

63 100

98 7.3 4.0 12.2

100 4.7 2.4 7.1



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

6.02

40000

30000

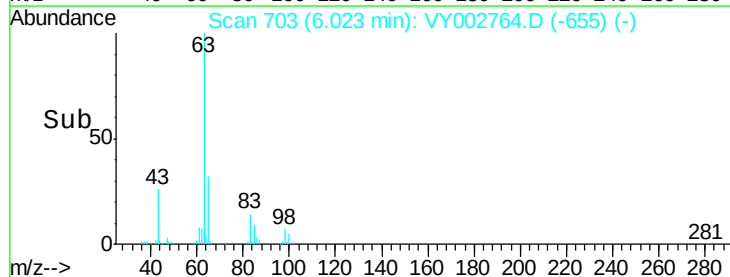
20000

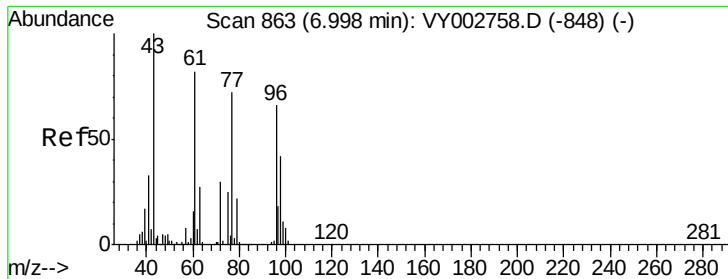
10000

0

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 104.658 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 43 Resp: 109531

Ion Ratio Lower Upper

43 100

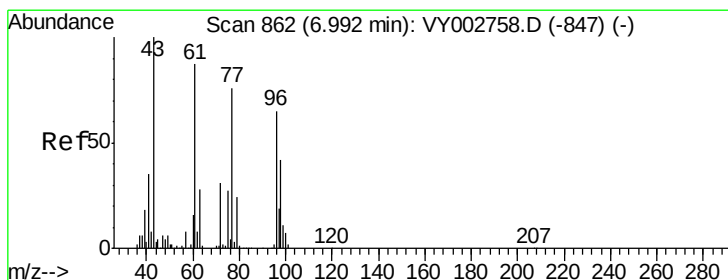
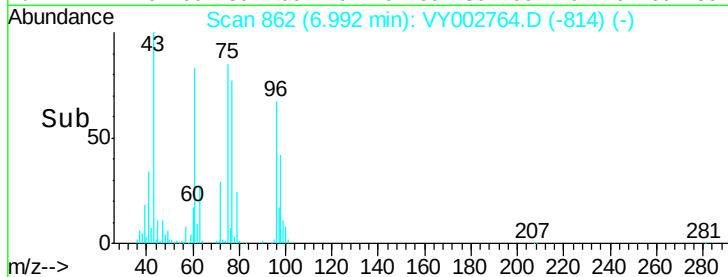
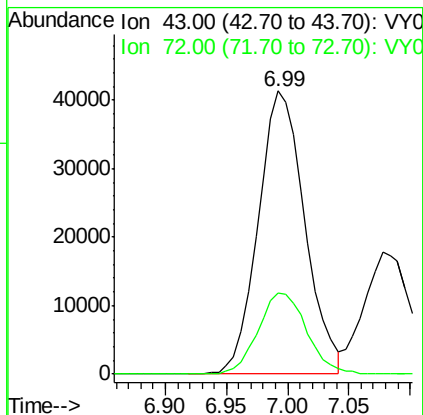
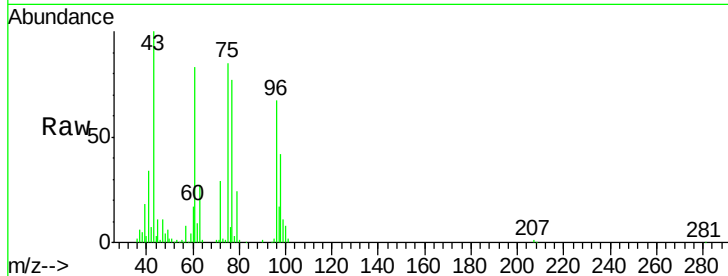
72 28.7 23.9 35.9

Manual Integrations

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MMDadoda

5/28/2020 2:08:49 PM



#26

2,2-Dichloropropane

Concen: 20.901 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002764.D

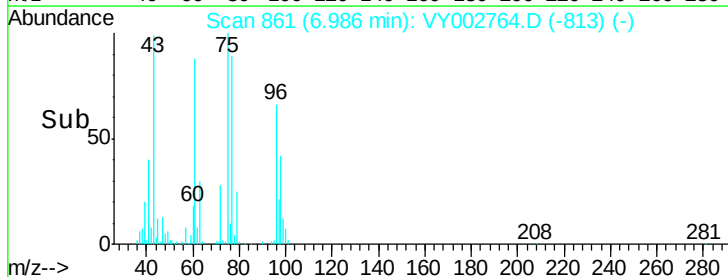
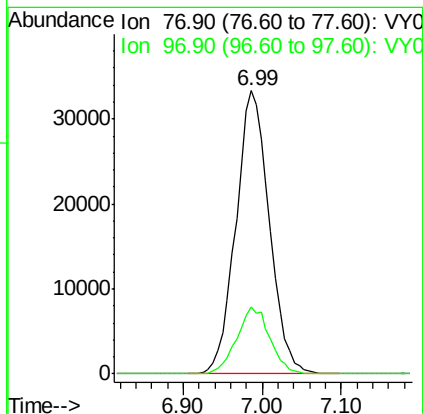
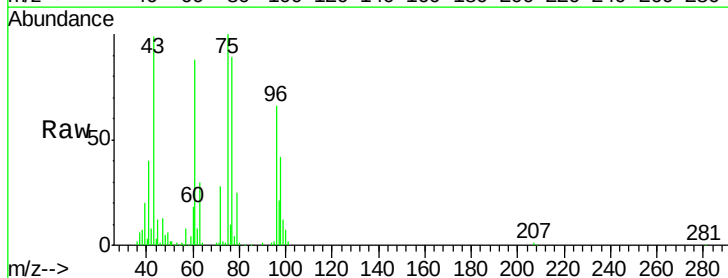
Acq: 27 May 2020 15:14

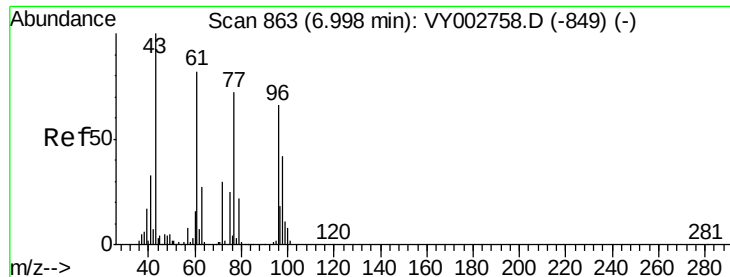
Tgt Ion: 77 Resp: 98090

Ion Ratio Lower Upper

77 100

97 23.4 12.2 36.6





#27

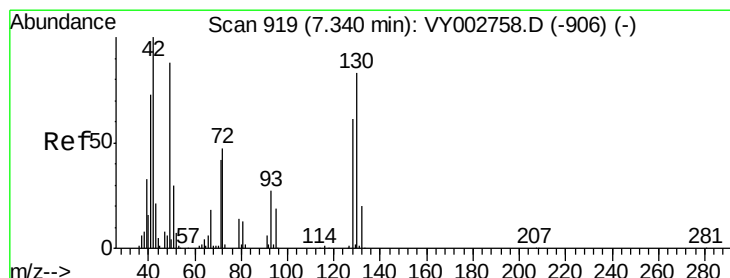
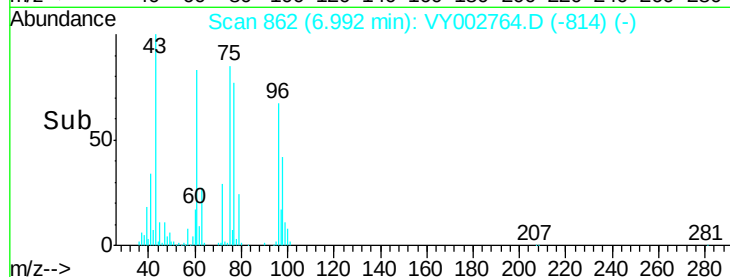
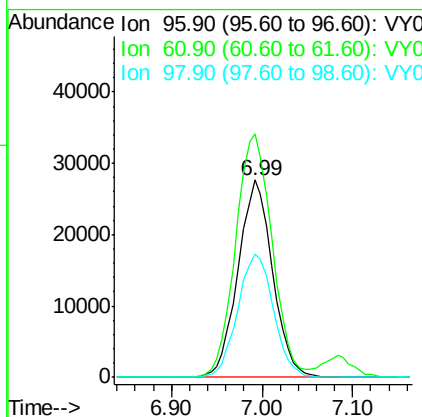
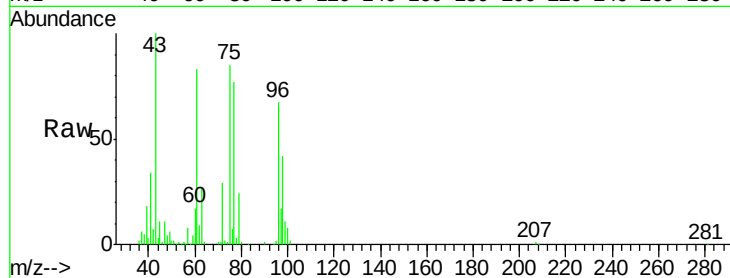
cis-1,2-Dichloroethene
Concen: 20.699 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	260.2
98	64.7	0.0	128.2

Manual Integrations
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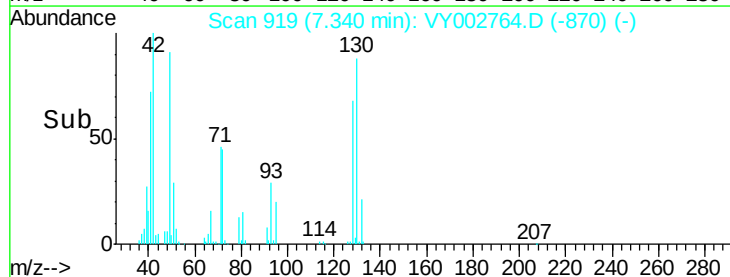
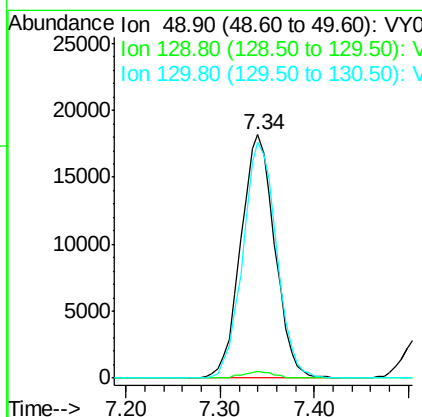
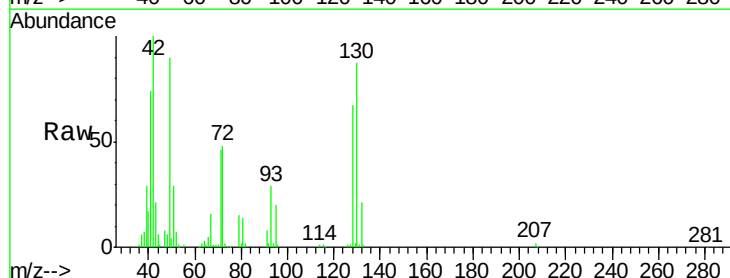
MMDadoda
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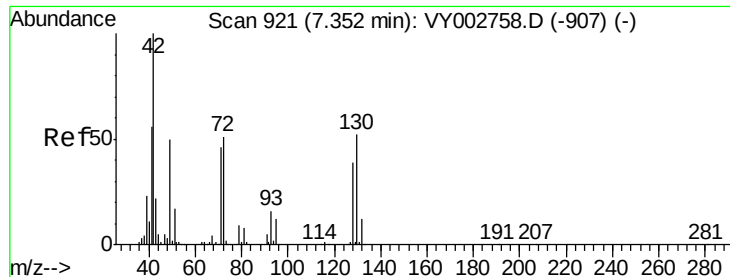


#28

Bromochloromethane
Concen: 22.902 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	96.1	77.1	115.7





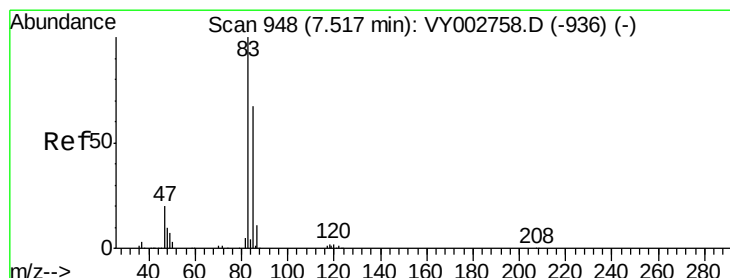
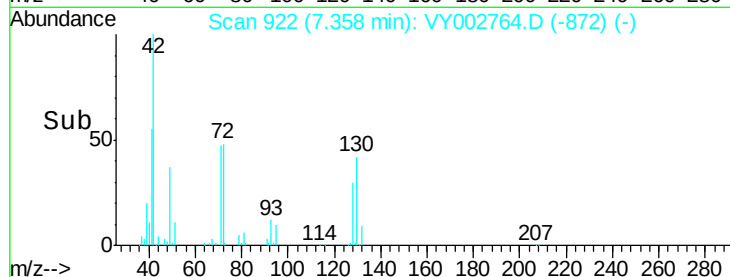
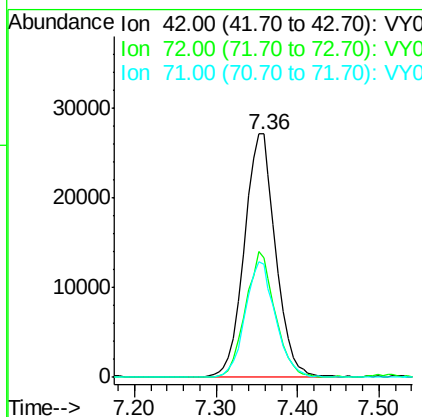
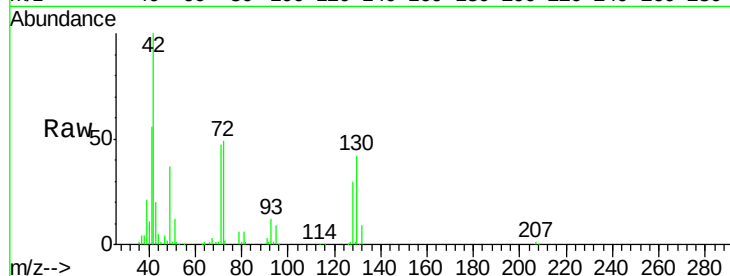
#29
Tetrahydrofuran
Concen: 106.908 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	38.6	58.0
71	46.1	35.8	53.8

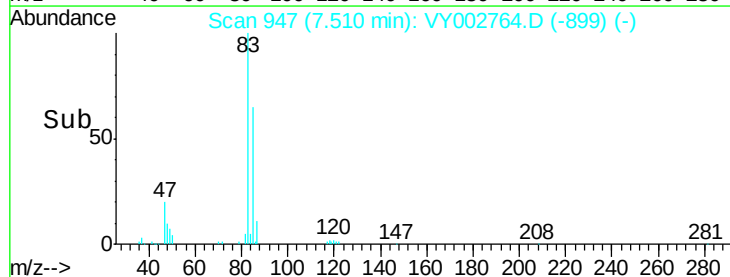
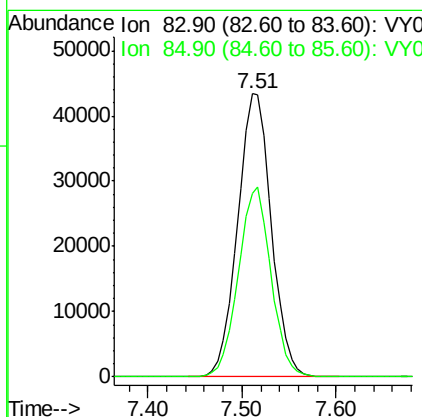
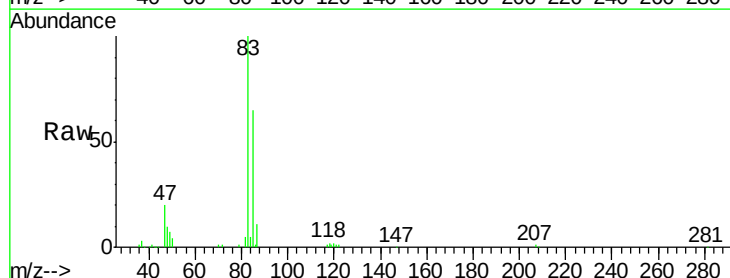
Manual Integrations
APPROVED

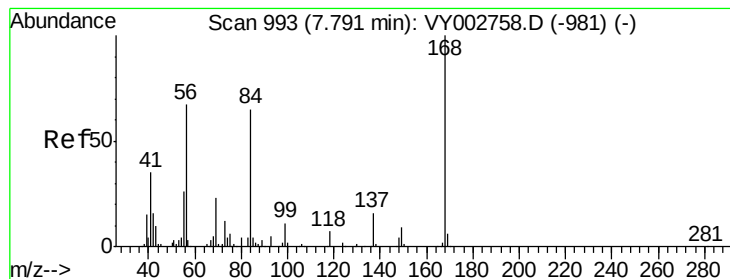
MMDadoda
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#30
Chloroform
Concen: 20.890 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.8	80.8





#31

Cyclohexane

Concen: 20.747 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

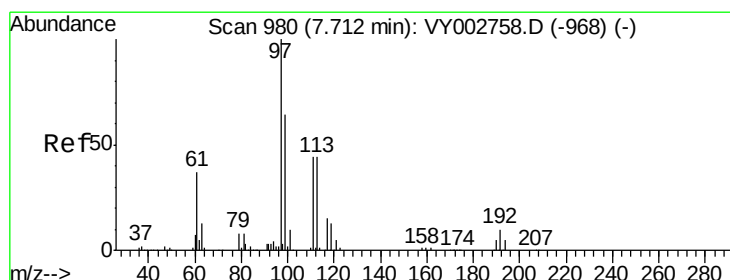
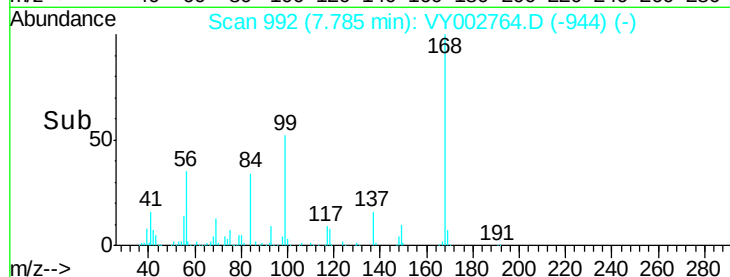
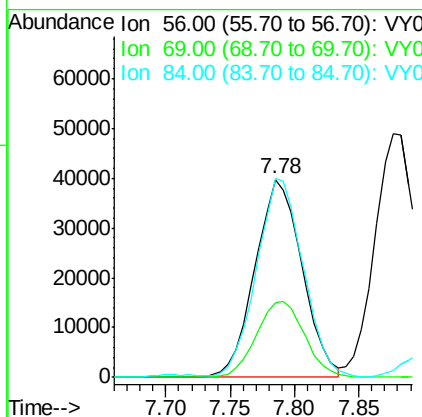
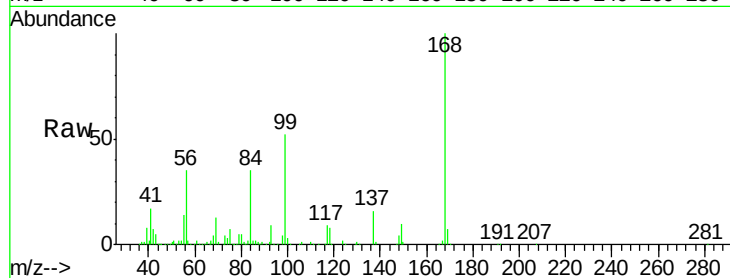
ClientSampleId :

VY0527SBS01

Tot Ion:	56	Resp:	100802
Ion	Ratio	Lower	Upper
56	100		
69	37.5	28.0	42.0
84	99.1	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.428 ug/l

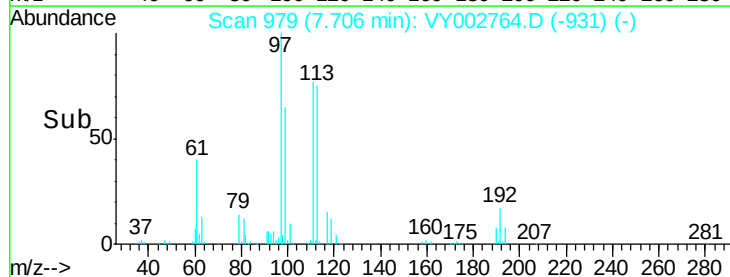
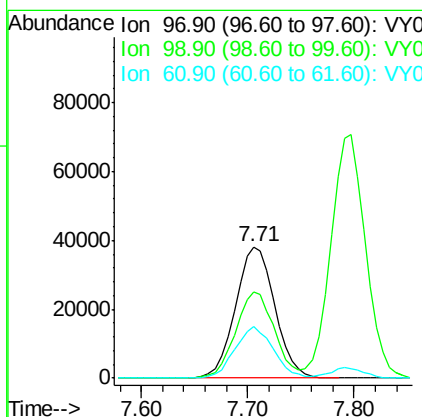
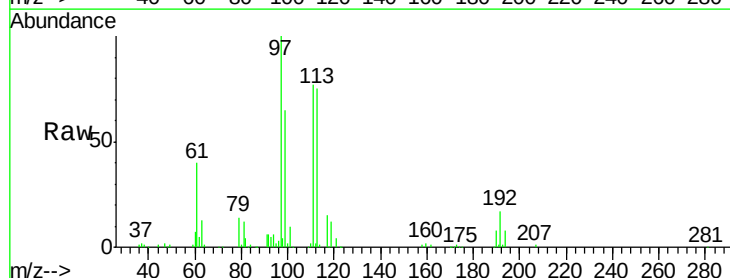
RT: 7.71 min Scan# 979

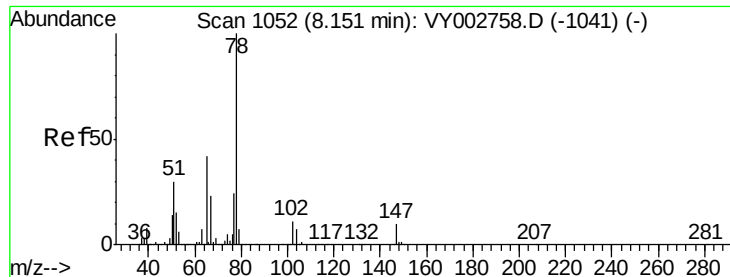
Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion:	97	Resp:	98849
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	38.3	30.1	45.1





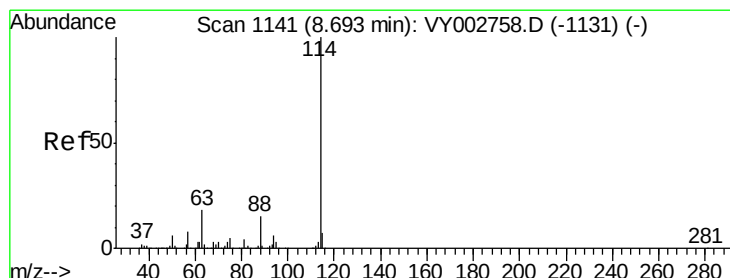
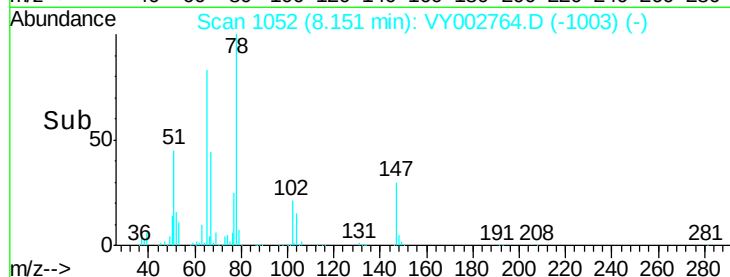
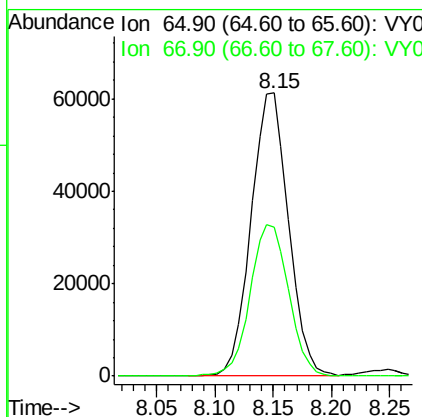
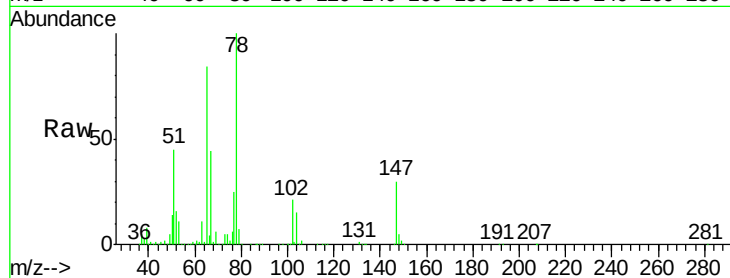
#33
 1,2-Dichloroethane-d4
 Concen: 47.746 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.0	0.0	111.0	

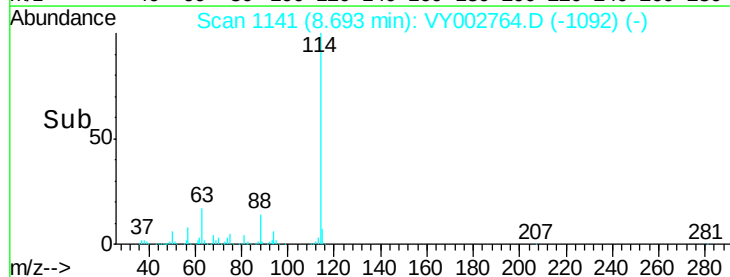
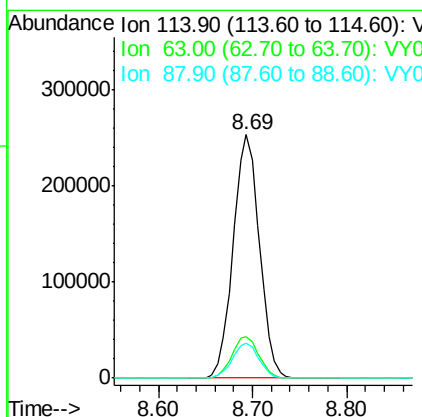
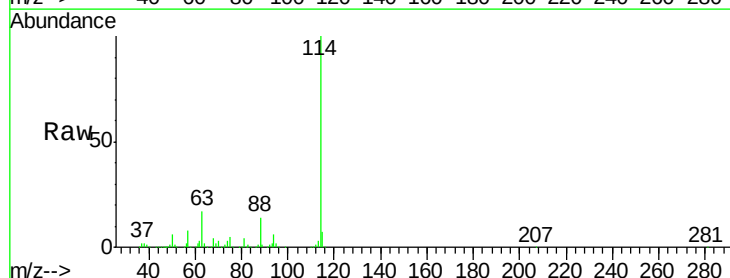
Manual Integrations
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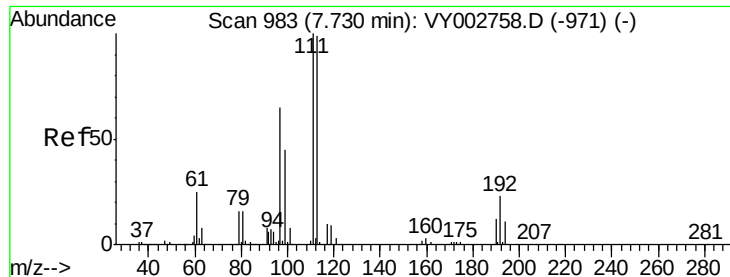
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.2	0.0	35.2	
88	14.5	0.0	29.2	





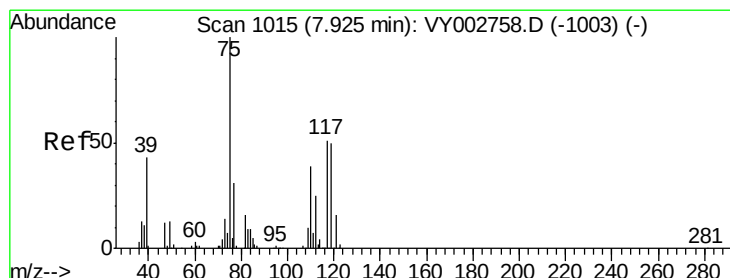
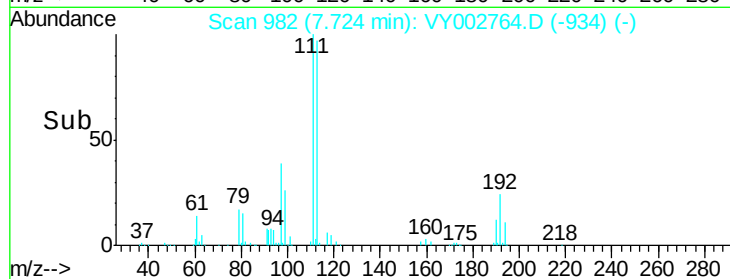
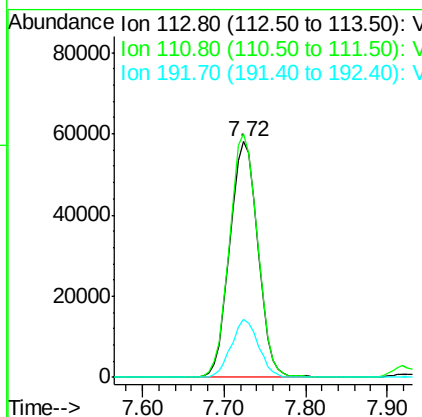
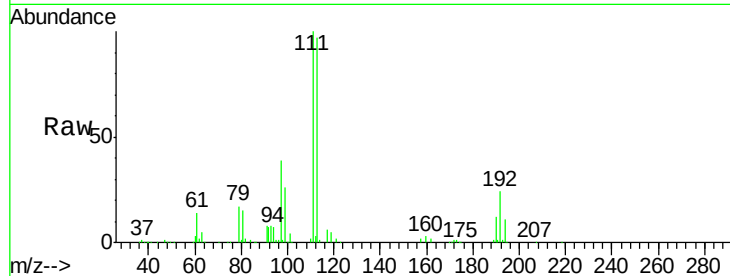
#35
 Dibromofluoromethane
 Concen: 48.198 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	82.0	123.0	
192	23.9	18.9	28.3	

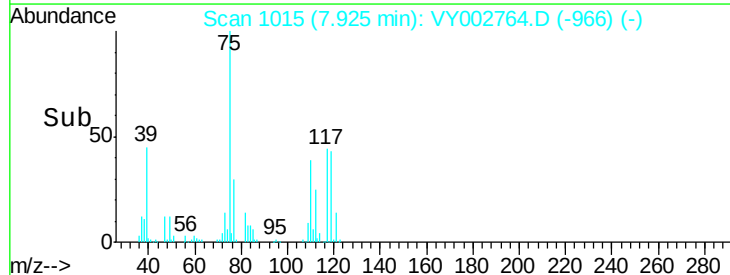
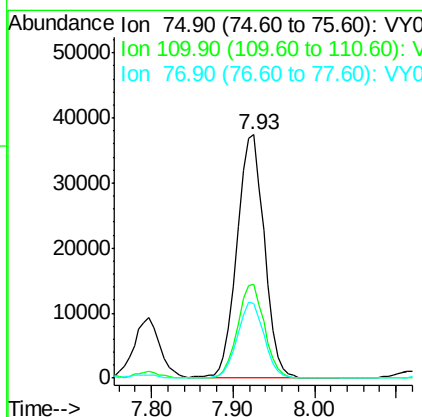
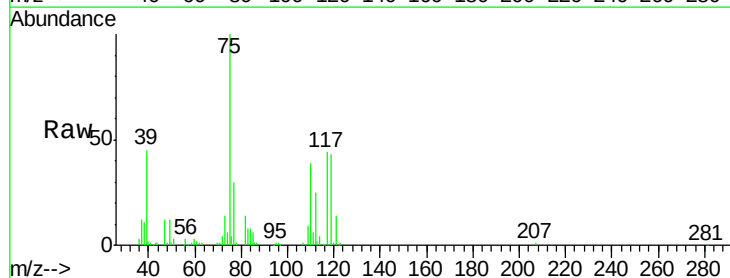
Manual Integrations
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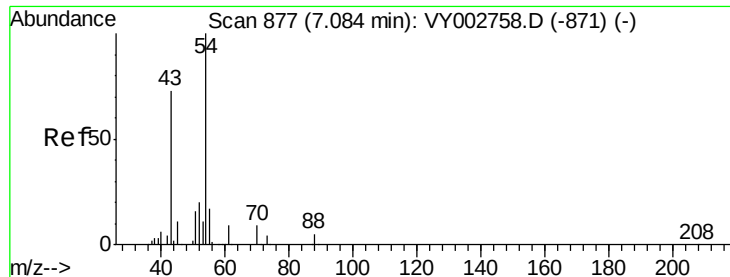
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#36
 1,1-Dichloropropene
 Concen: 21.091 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.8	19.3	57.9	
77	30.5	24.8	37.2	





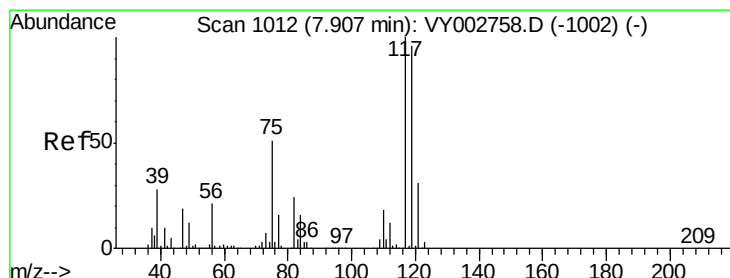
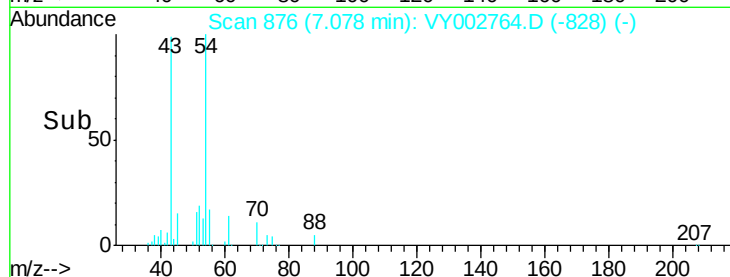
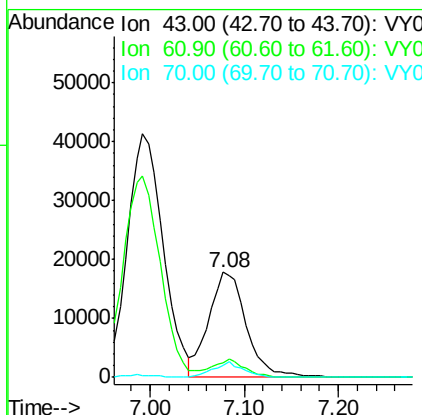
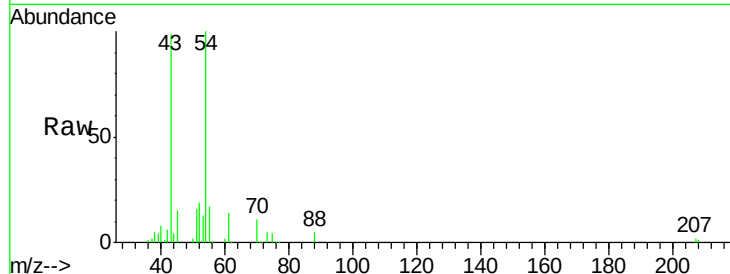
#37
Ethyl Acetate
Concen: 21.915 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.9	17.9
70	11.7	9.1	13.7

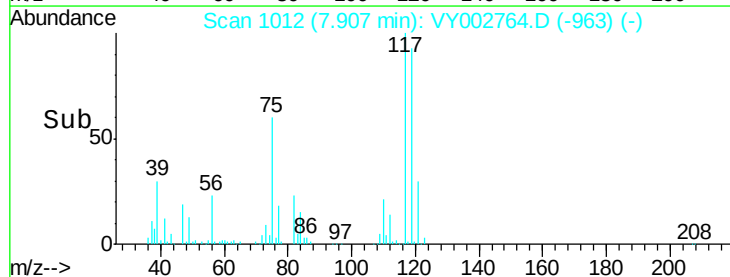
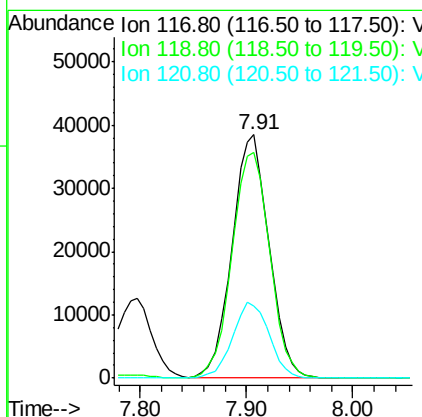
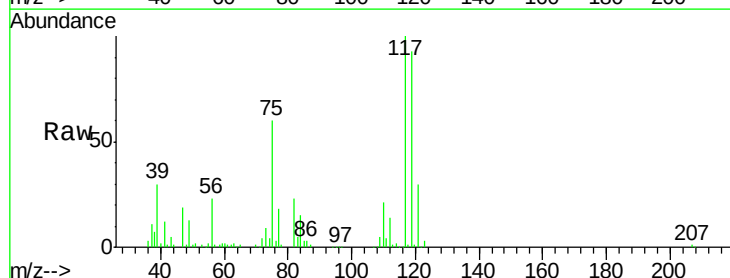
Manual Integrations
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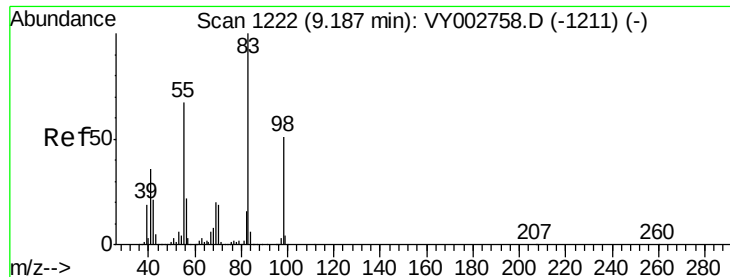
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#38
Carbon Tetrachloride
Concen: 20.480 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.8	115.2
121	29.7	24.8	37.2





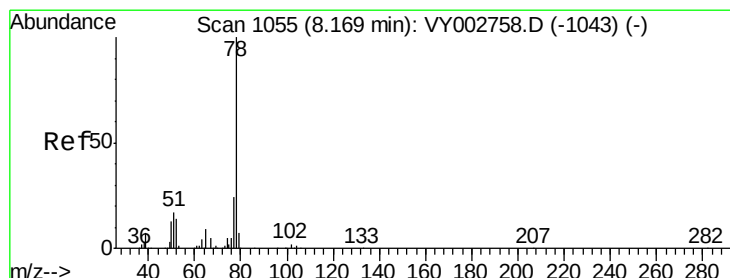
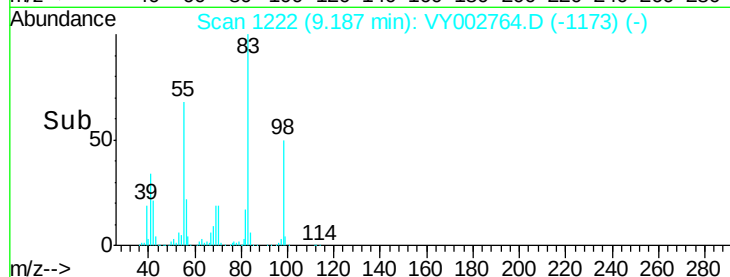
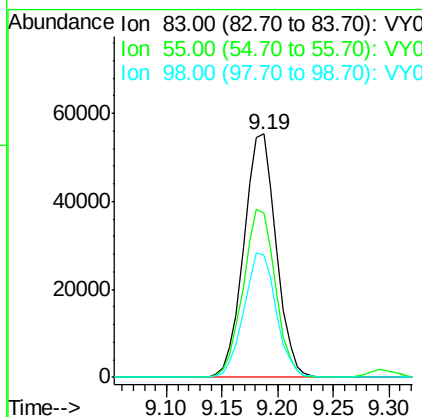
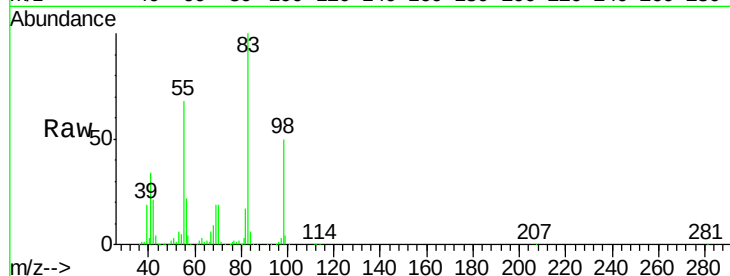
#39
Methylvlcyclohexane
Concen: 20.583 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	53.3	79.9
98	49.9	41.1	61.7

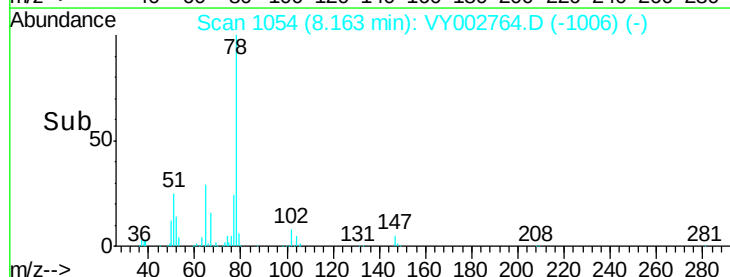
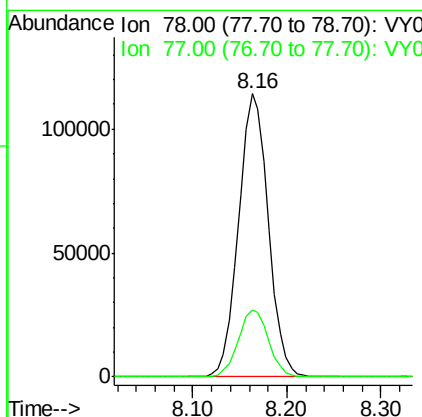
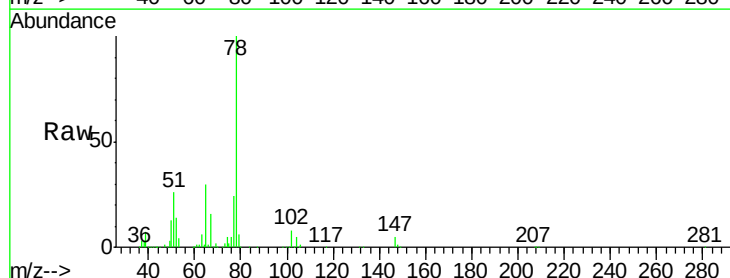
Manual Integrations
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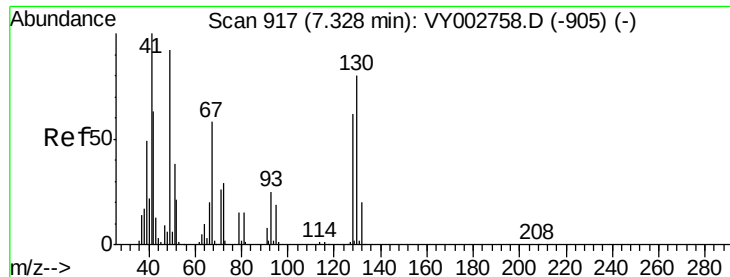
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#40
Benzene
Concen: 20.589 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





#41

Methacrylonitrile

Concen: 16.857 ug/l m

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 41 Resp: 20327
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

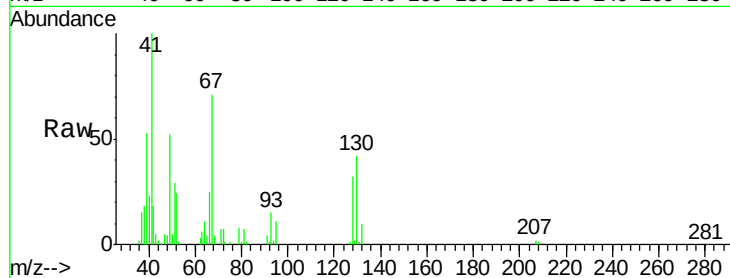
67 0.0 0.0 0.0

52 0.0 0.0 0.0

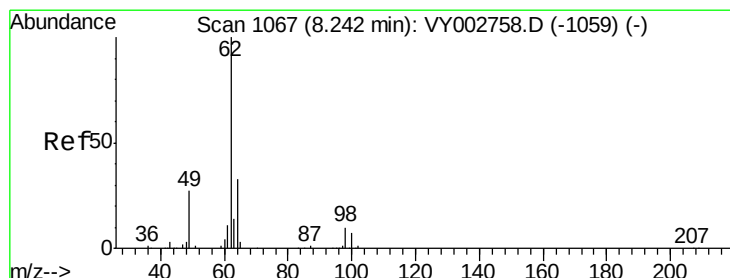
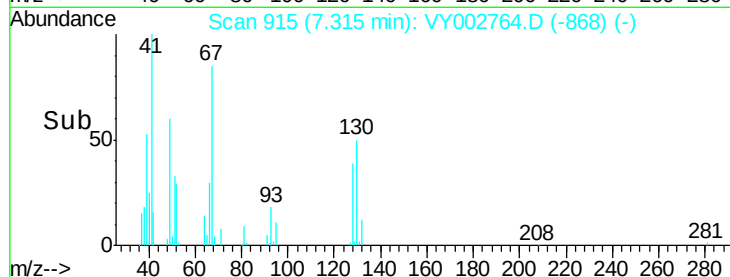
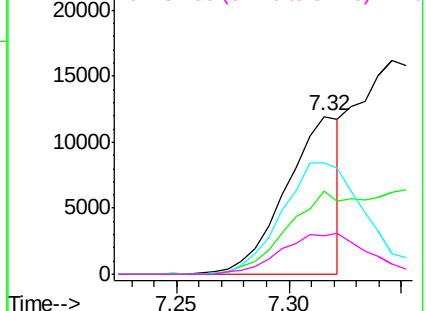
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.451 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

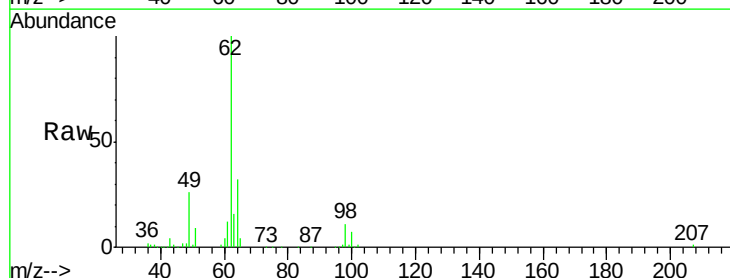
Lab File: VY002764.D

Acq: 27 May 2020 15:14

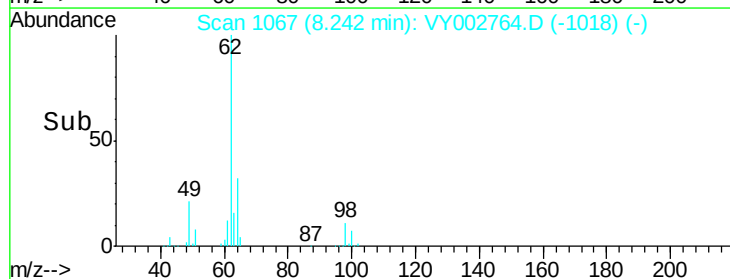
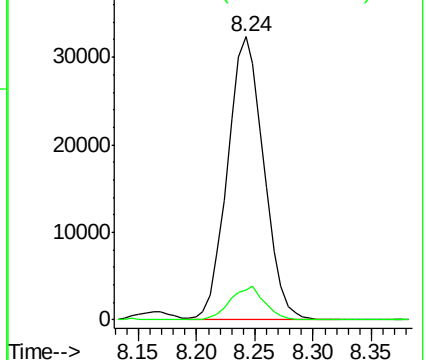
Tgt Ion: 62 Resp: 69865
Ion Ratio Lower Upper

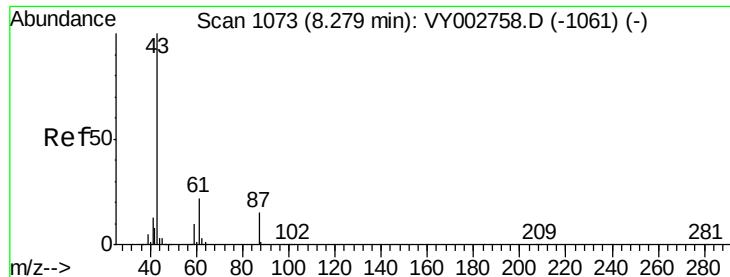
62 100

98 11.2 0.0 22.6



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





#43

Isopropyl Acetate

Concen: 20.729 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

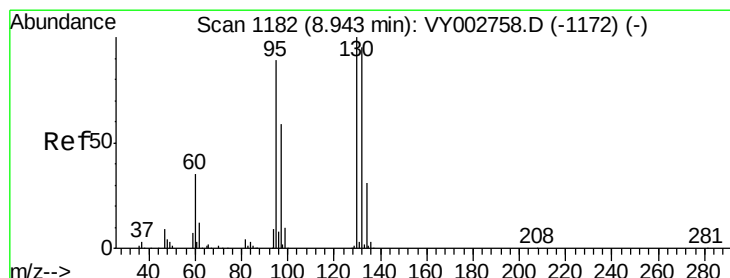
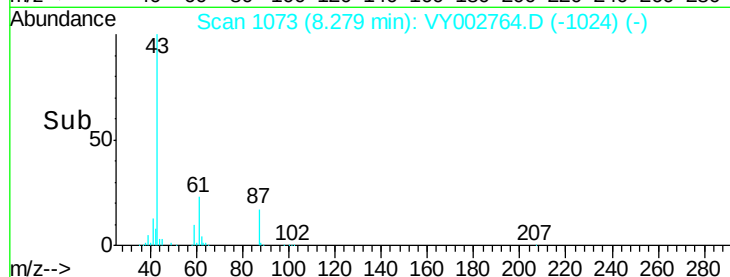
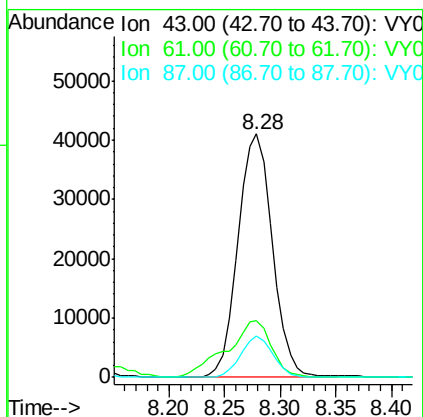
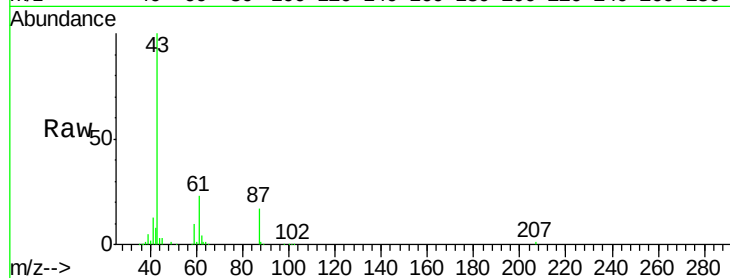
ClientSampleId :

VY0527SBS01

Tot Ion:	43	Resp:	88171
Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.8	37.2
87	15.8	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 20.375 ug/l

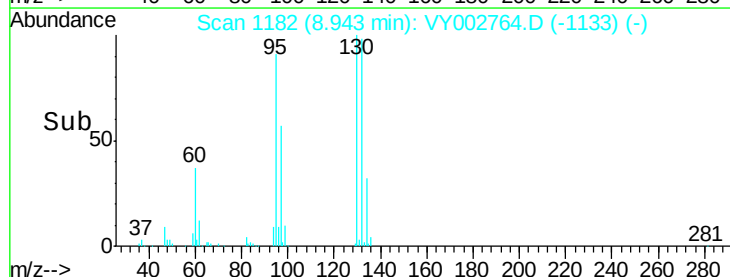
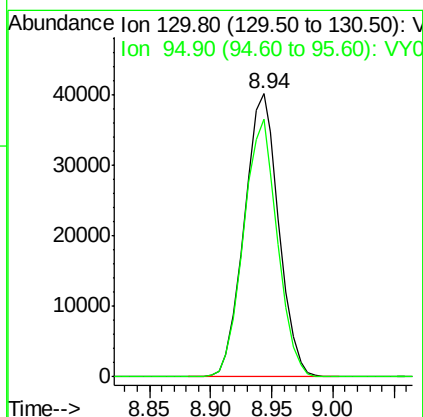
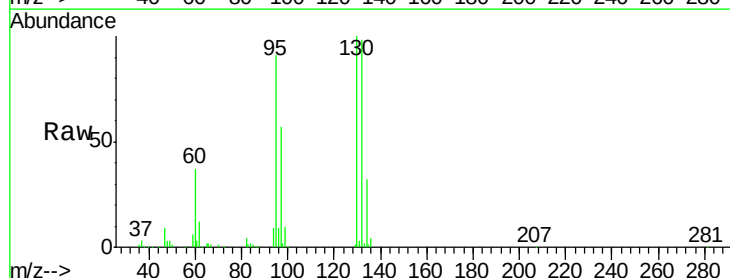
RT: 8.94 min Scan# 1182

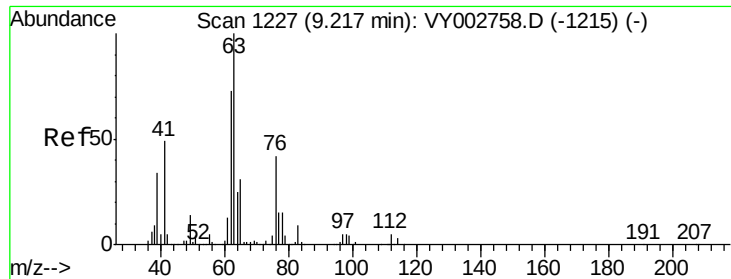
Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion:	130	Resp:	78451
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	178.8





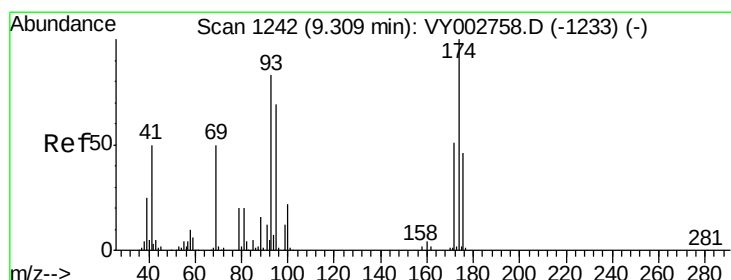
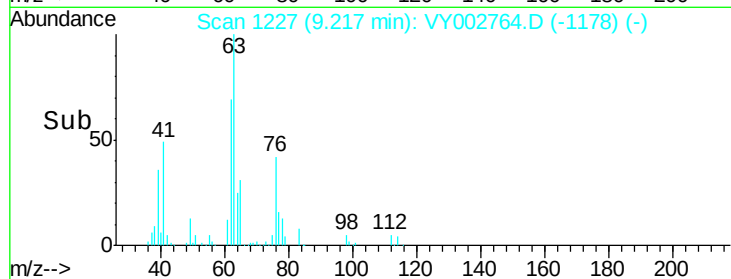
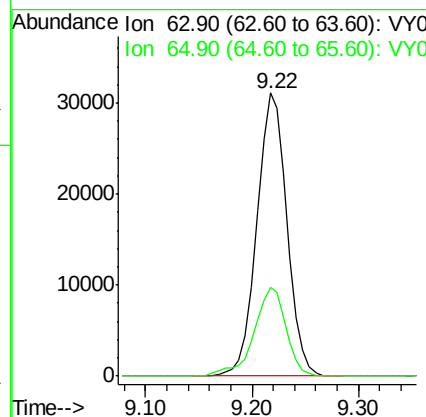
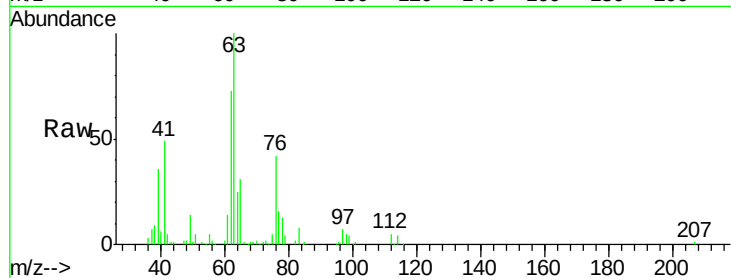
#45
 1,2-Dichloropropane
 Concen: 21.070 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.8	37.2

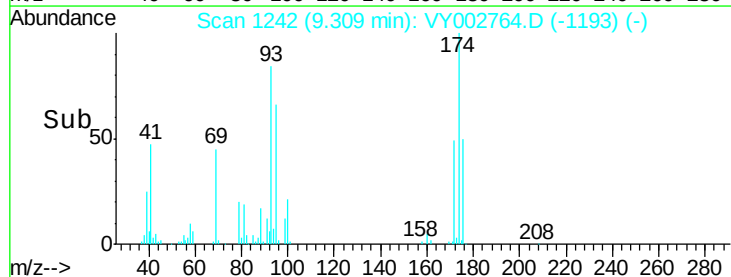
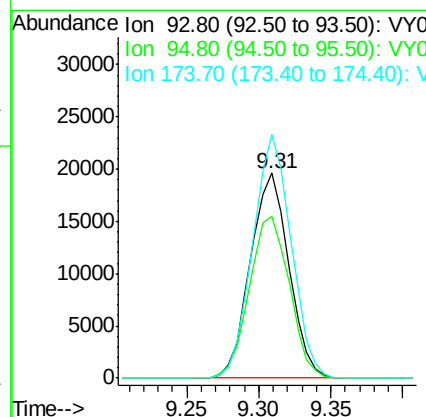
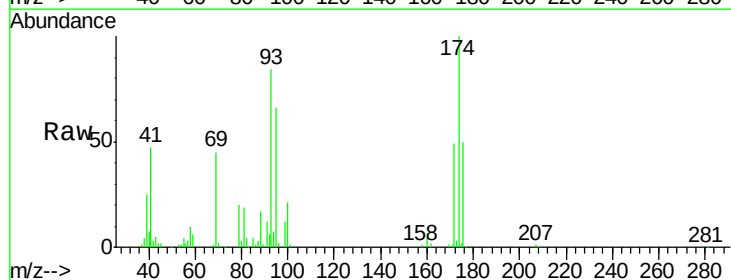
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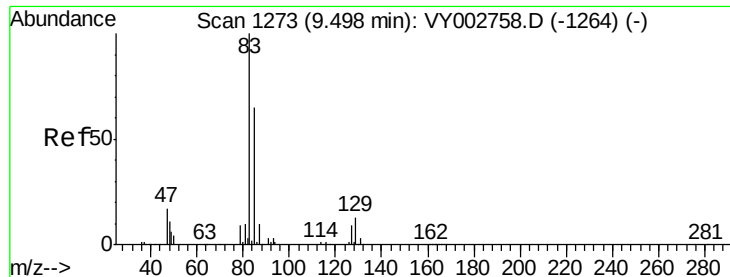
MMDadoda
 5/28/2020 2:08:49 PM



#46
 Dibromomethane
 Concen: 20.903 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	66.9	100.3
174	118.2	97.7	146.5





#47

Bromodichloromethane

Concen: 20.709 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

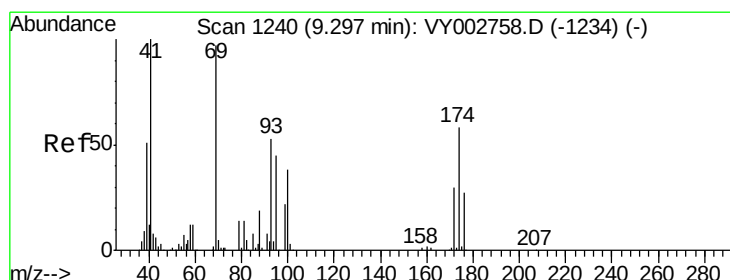
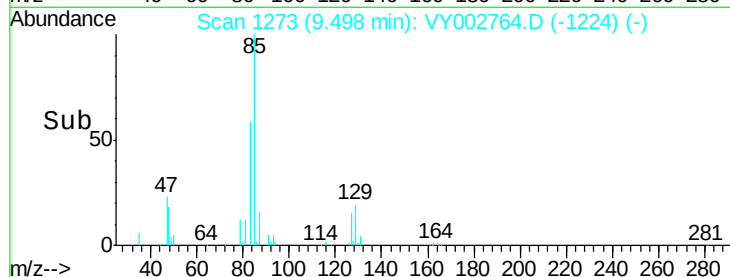
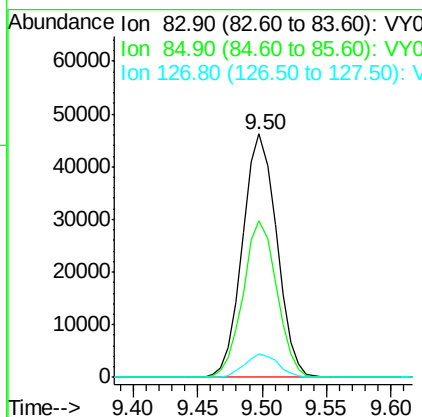
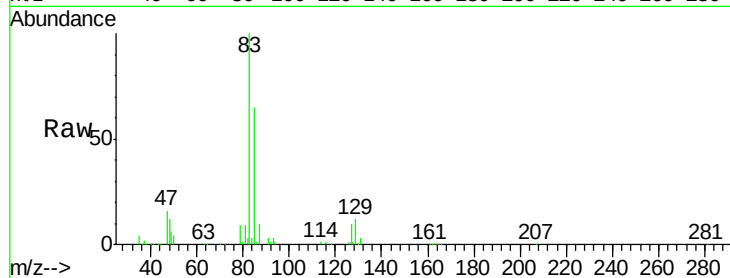
ClientSampleId :

VY0527SBS01

Tot Ion:	83	Resp:	84756
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.9	77.9
127	9.5	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.736 ug/l

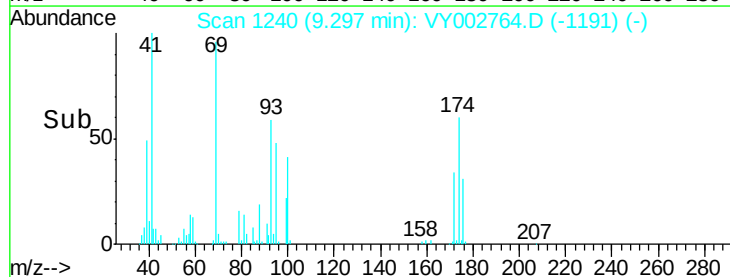
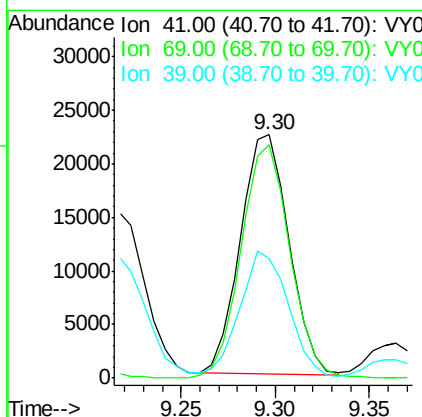
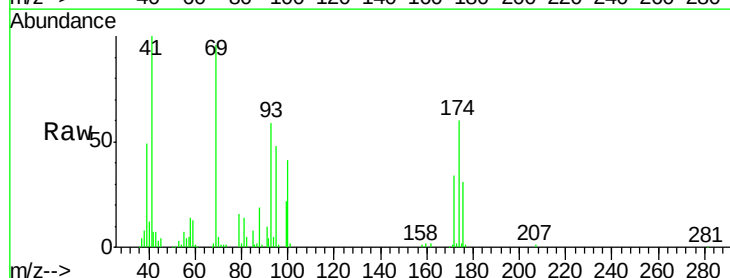
RT: 9.30 min Scan# 1240

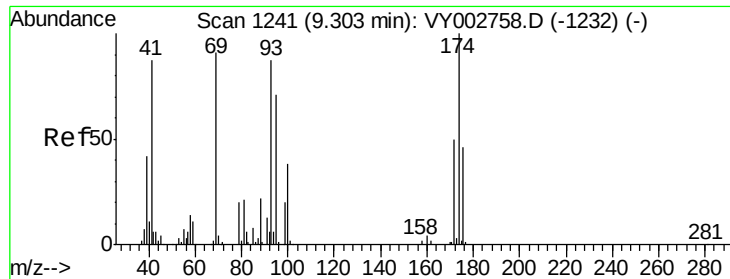
Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion:	41	Resp:	39815
Ion	Ratio	Lower	Upper
41	100		
69	98.7	79.7	119.5
39	51.9	43.3	64.9





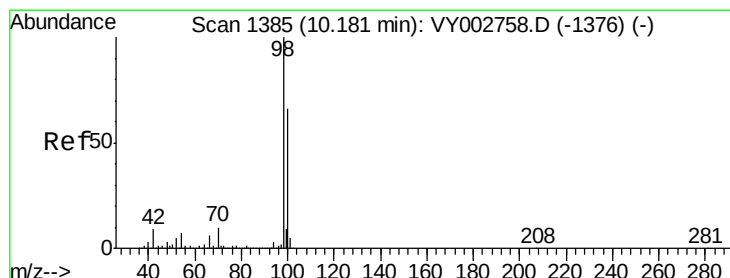
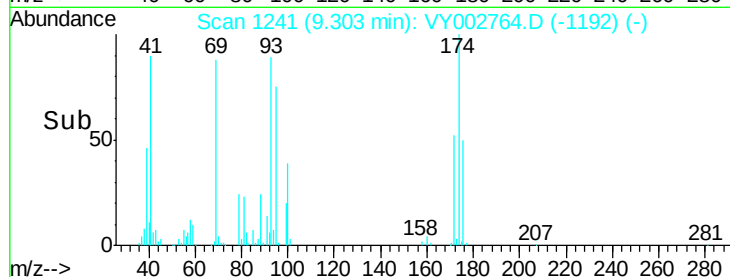
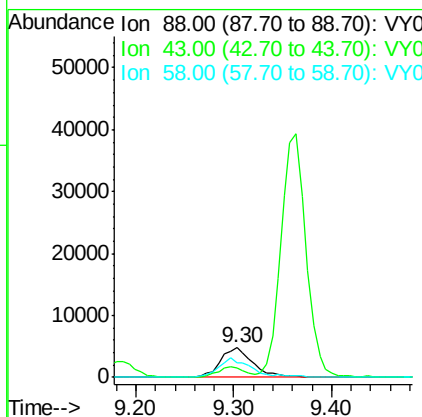
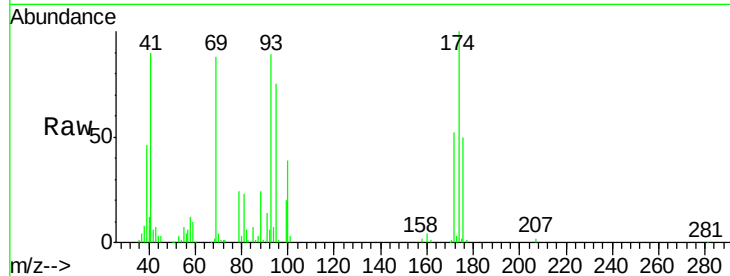
#49
1,4-Dioxane
Concen: 415.238 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	88	Resp	11069
Ion	Ratio	Lower	Upper
88	100		
43	29.6	21.3	31.9
58	59.4	52.2	78.2

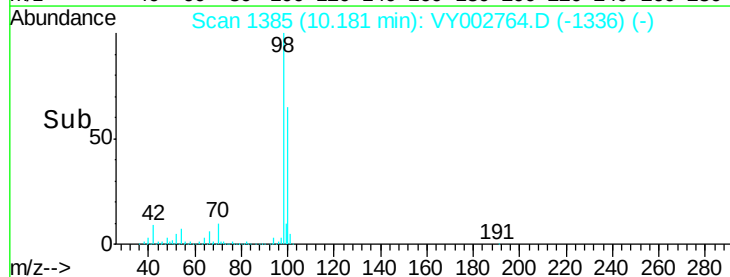
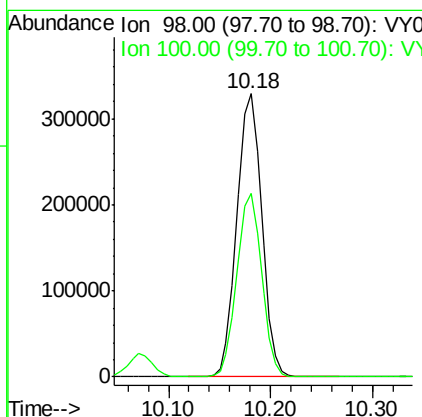
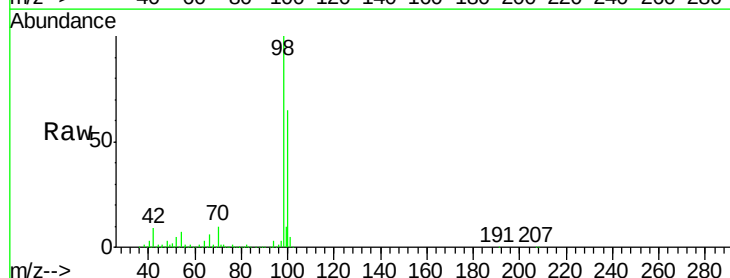
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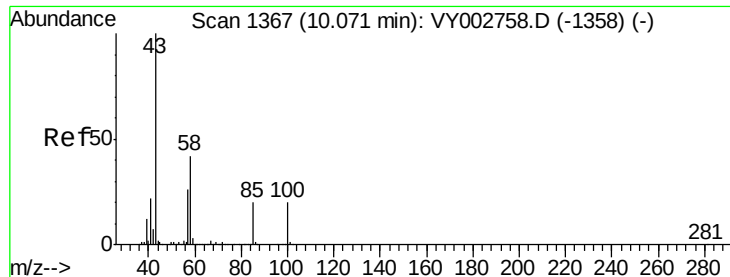
MMDadoda
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#50
Toluene-d8
Concen: 47.843 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	98	Resp	555203
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





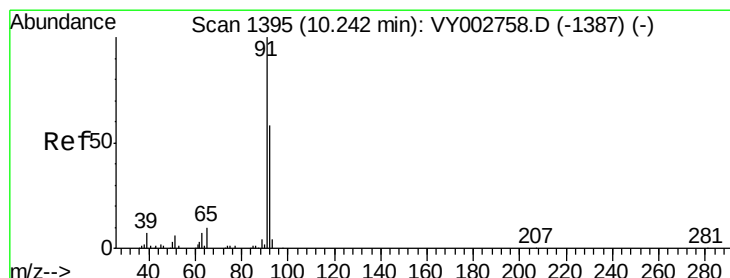
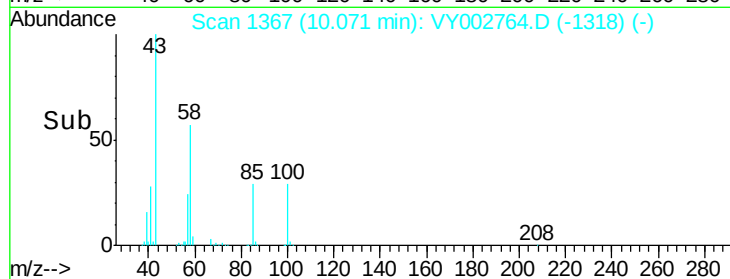
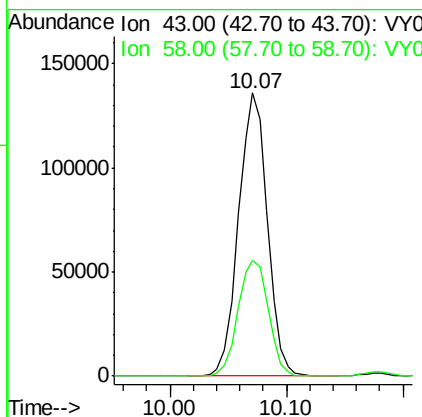
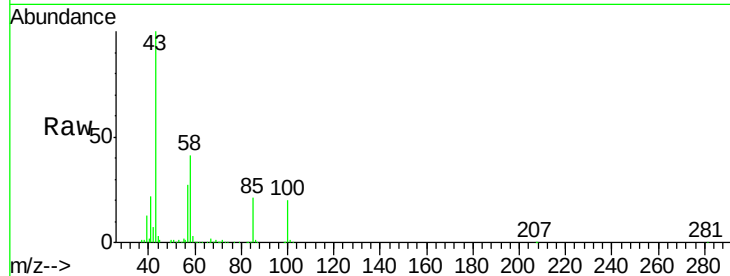
#51
4-Methyl-2-Pentanone
Concen: 104.145 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	43	Resp	234566
Ion Ratio	100	Lower	Upper
43	100		
58	43.0	34.2	51.2

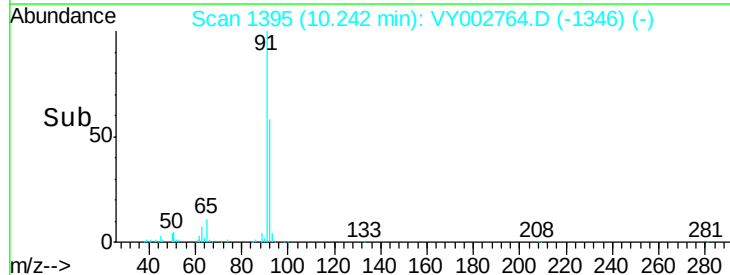
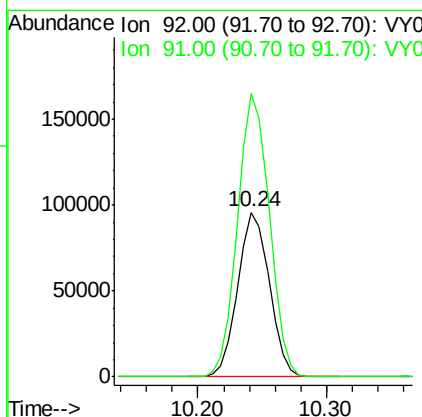
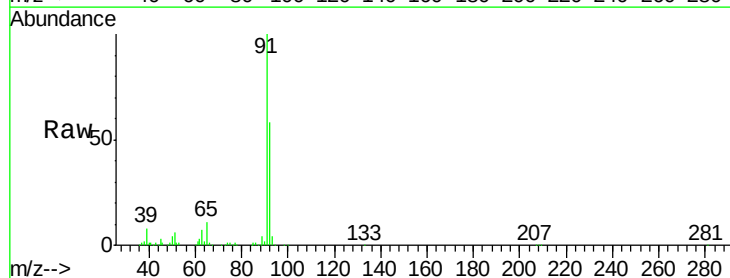
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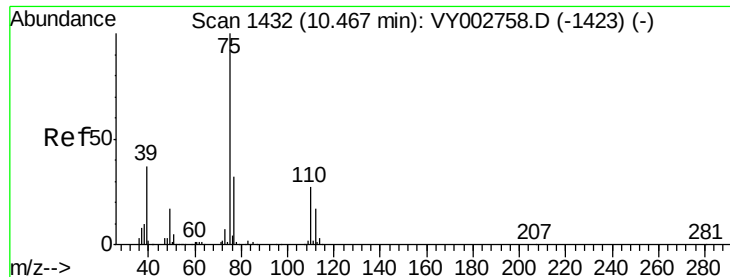
MMDadoda
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#52
Toluene
Concen: 20.402 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	92	Resp	162693	
Ion Ratio	92	100	Lower	Upper
91	173.5	138.5	207.7	





#53

t-1,3-Dichloropropene

Concen: 20.777 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 75 Resp: 92878

Ion Ratio Lower Upper

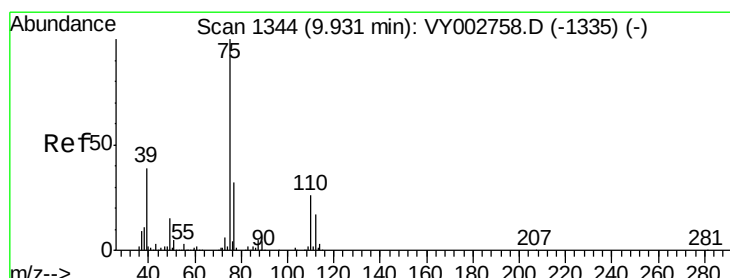
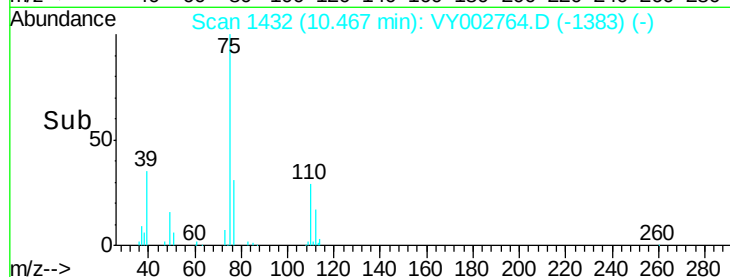
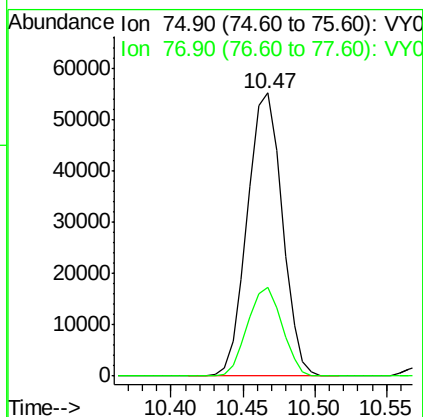
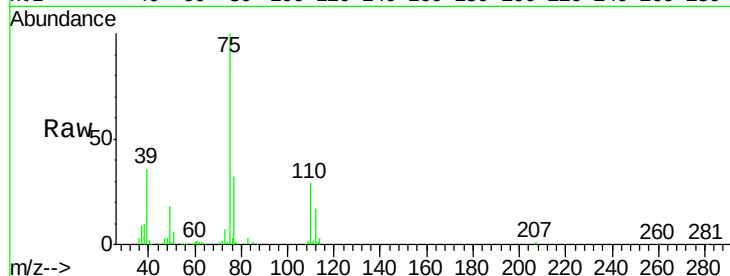
75 100

77 31.5 25.3 37.9

Manual Integrations
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5/28/2020 2:08:49 PM



#54

cis-1,3-Dichloropropene

Concen: 20.597 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

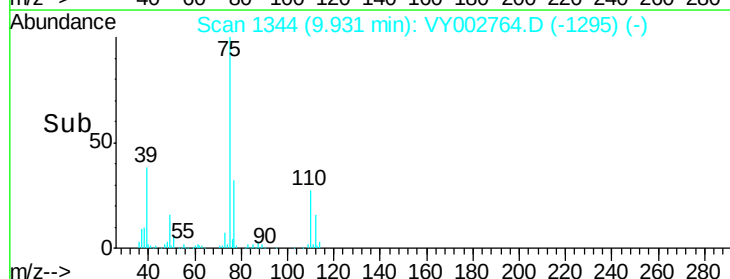
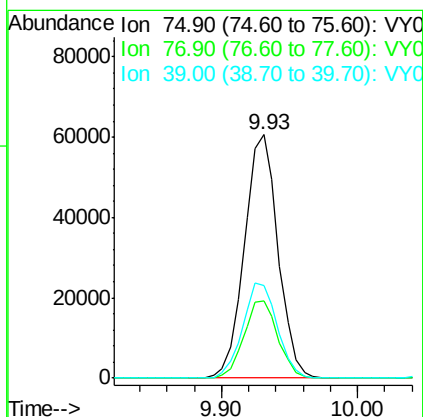
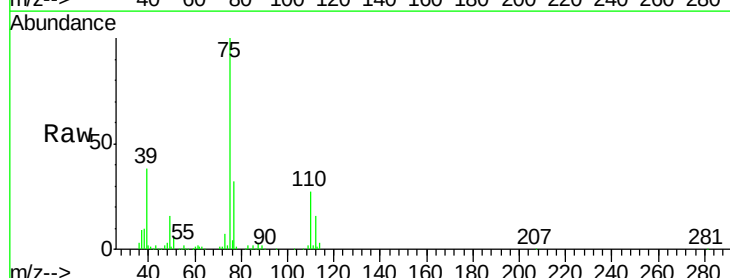
Tgt Ion: 75 Resp: 104333

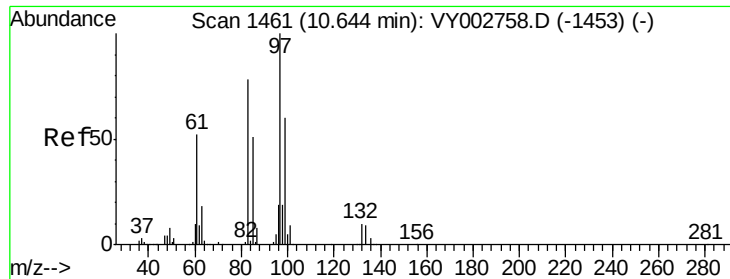
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 38.0 31.3 46.9





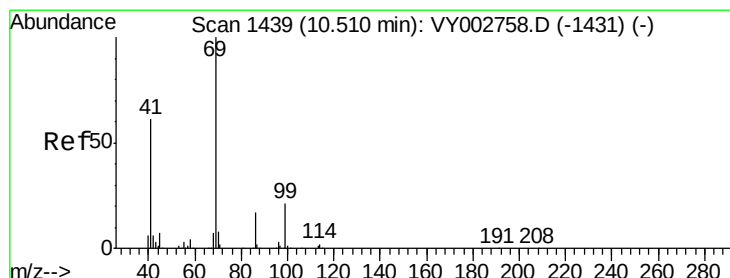
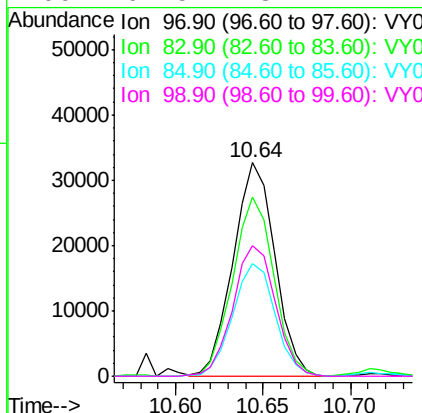
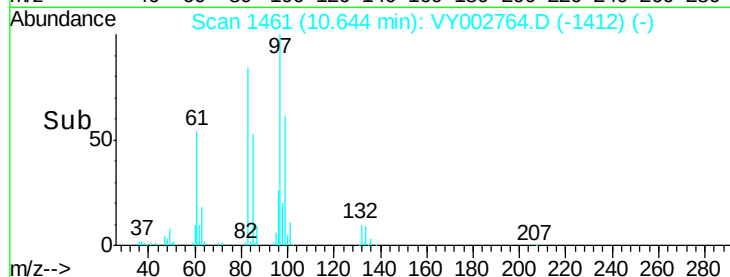
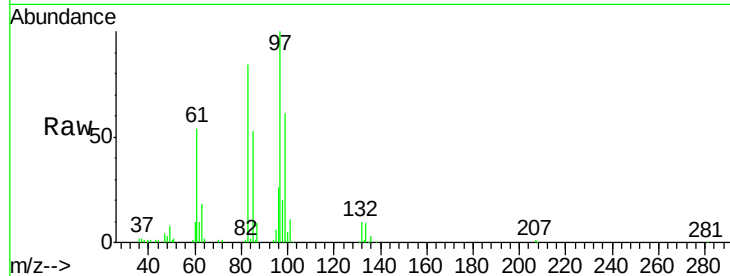
#55
 1,1,2-Trichloroethane
 Concen: 20.418 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion:	97	Resp:	54269
Ion	Ratio	Lower	Upper
97	100		
83	83.9	62.7	94.1
85	52.8	40.6	60.8
99	61.5	48.2	72.4

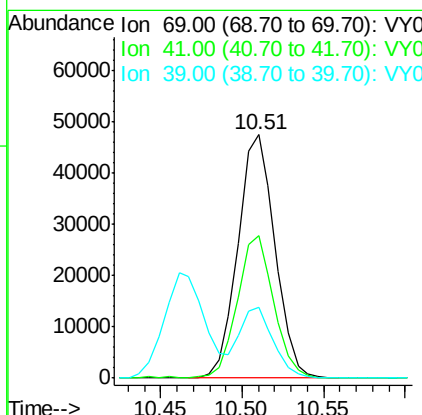
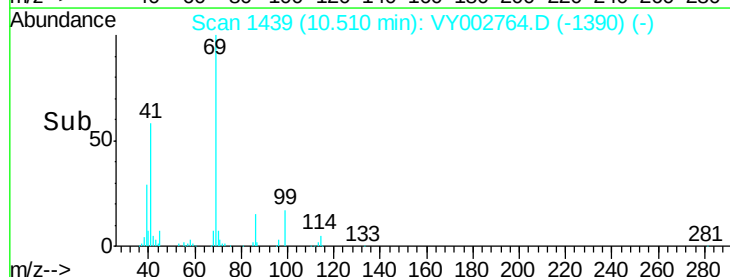
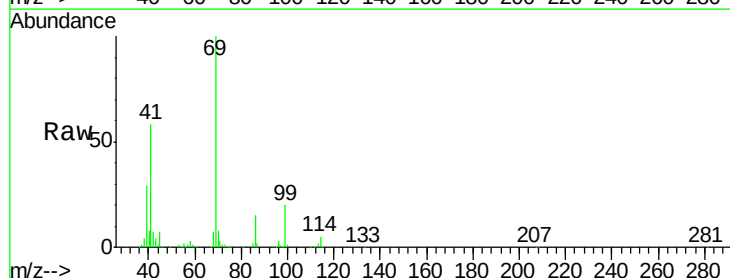
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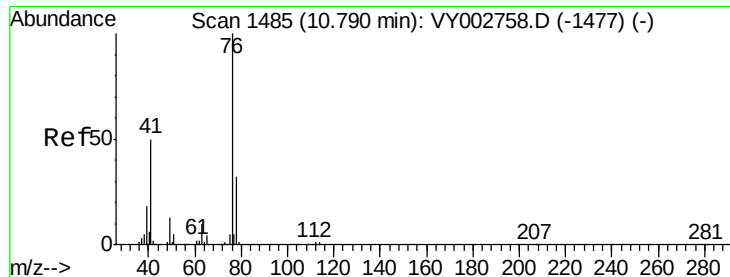
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 21.085 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion:	69	Resp:	75061
Ion	Ratio	Lower	Upper
69	100		
41	57.3	47.0	70.4
39	26.2	22.0	33.0





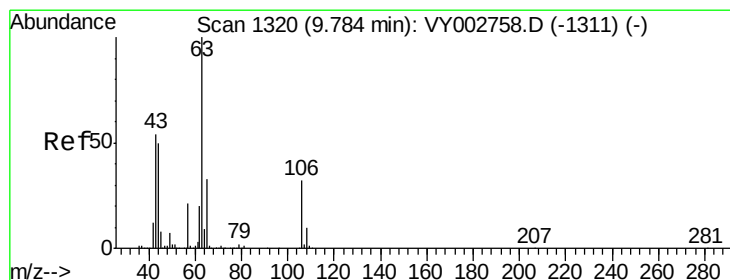
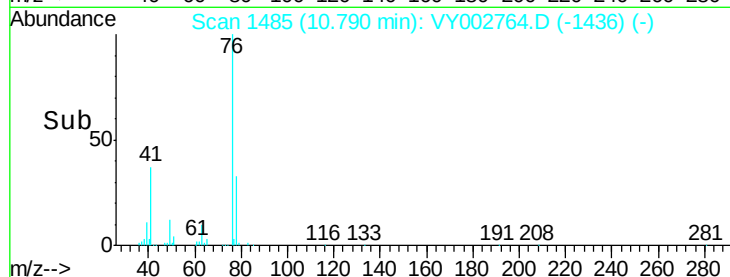
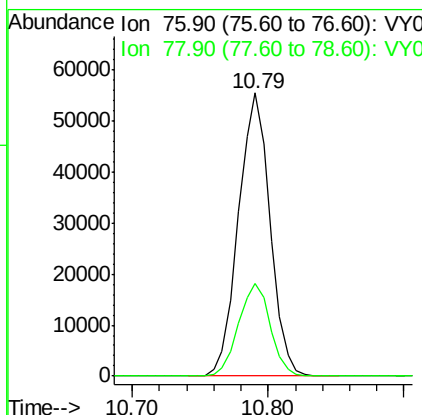
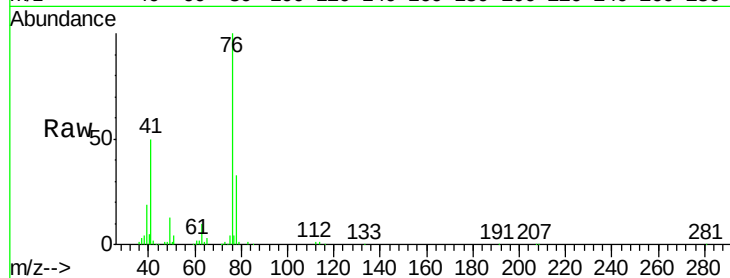
#57
 1,3-Dichloropropane
 Concen: 20.534 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.1	39.1

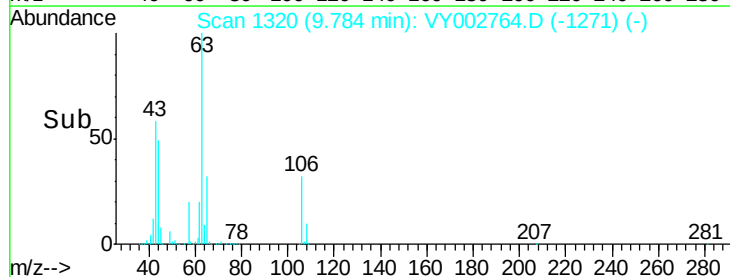
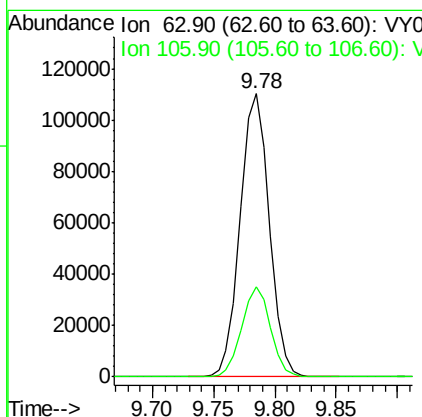
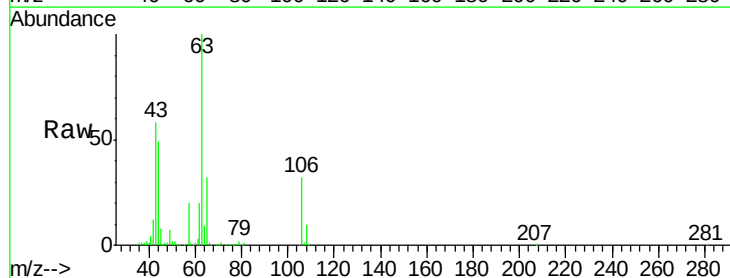
Manual Integrations
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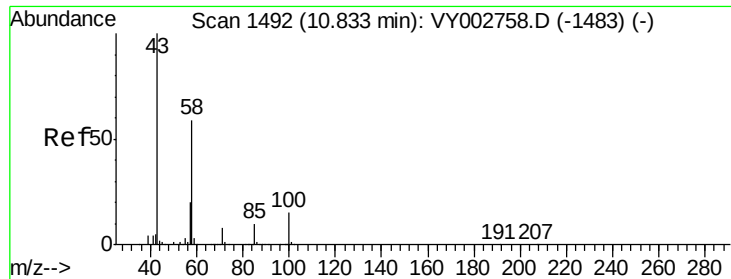
MMDadoda
 5/28/2020 2:08:49 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.825 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.4	25.4	38.2





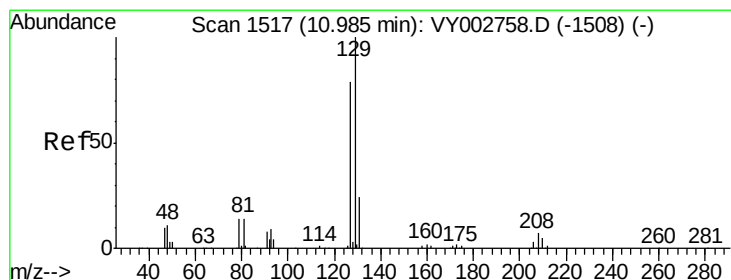
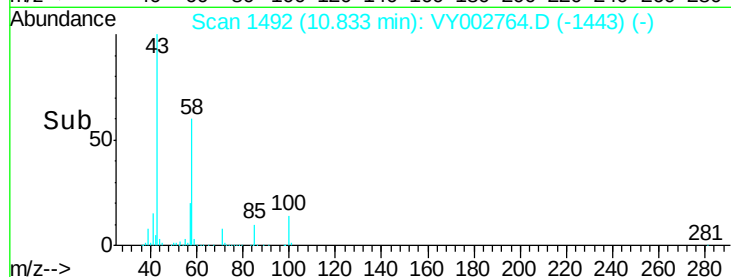
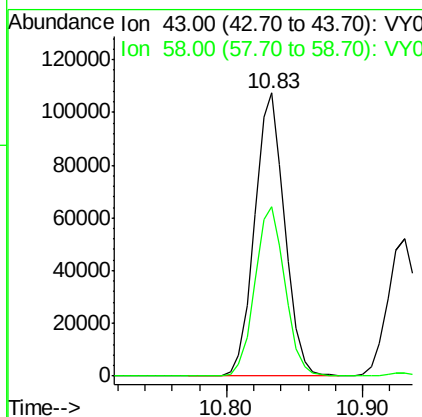
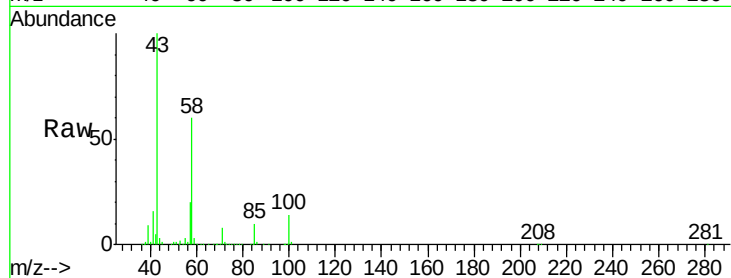
#59
2-Hexanone
Concen: 104.187 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	43	Resp	166498
Ion Ratio	43	100	
Lower	58	59.9	29.5
Upper			88.5

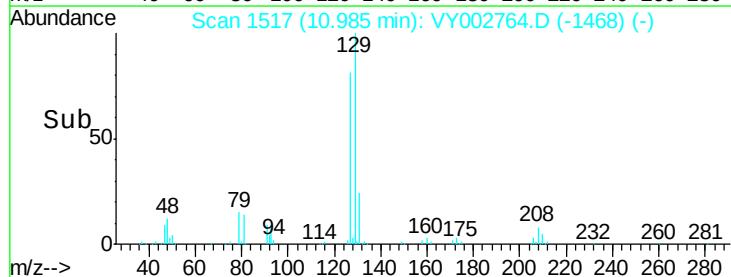
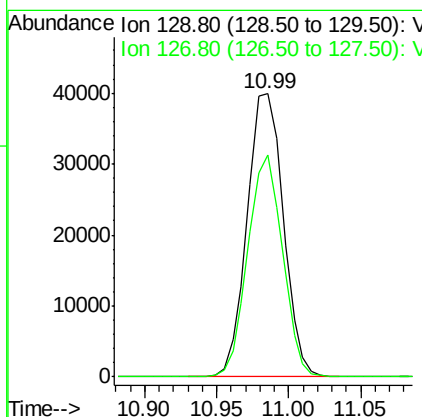
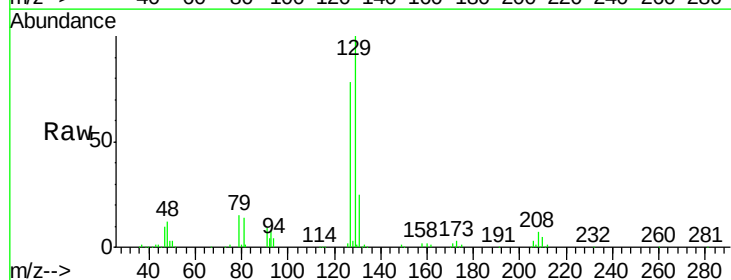
Manual Integrations
APPROVED

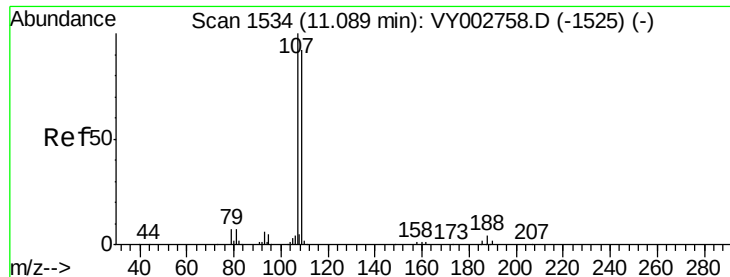
MMDadoda
5/28/2020 2:08:49 PM



#60
Dibromochloromethane
Concen: 20.601 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	129	Resp	69418
Ion Ratio	129	100	
Lower	127	75.2	38.5
Upper			115.3





#61

1,2-Dibromoethane

Concen: 20.756 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion:107 Resp: 54419

Ion Ratio Lower Upper

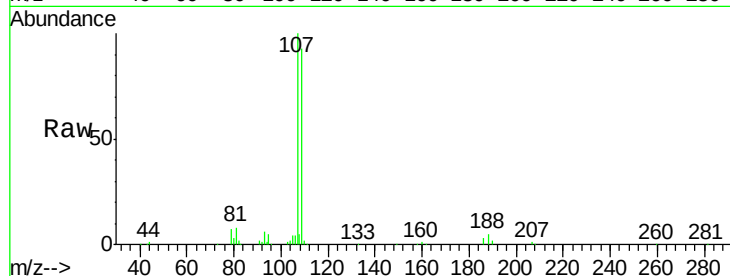
107 100

109 92.4 75.6 113.4

Manual Integrations
APPROVED

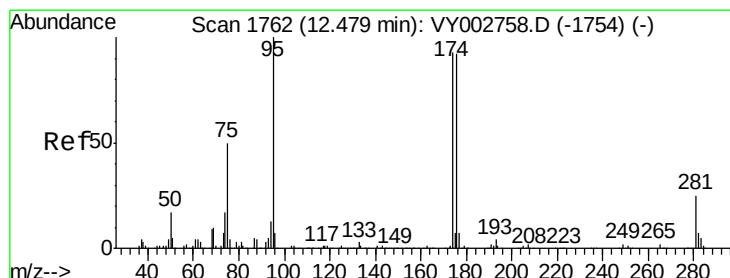
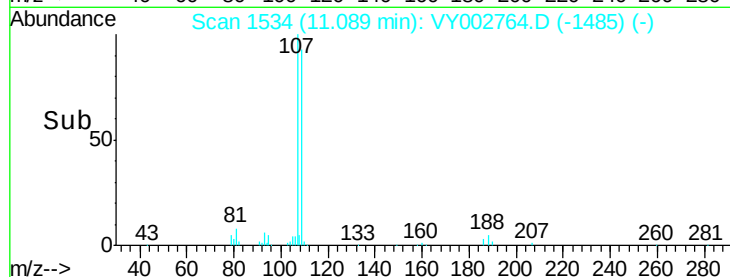
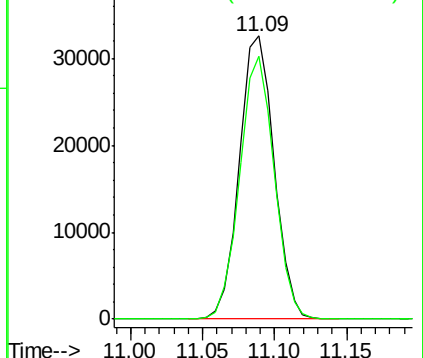
MMDadoda

5/28/2020 2:08:49 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.342 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

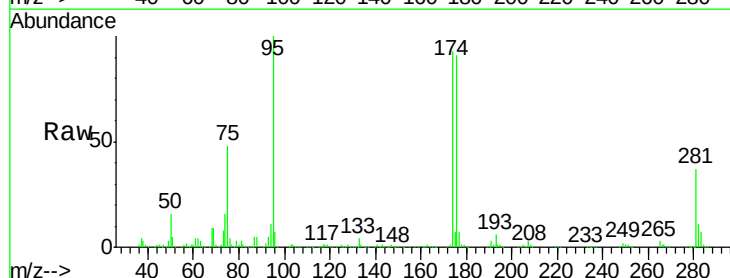
Tgt Ion: 95 Resp: 191719

Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.2

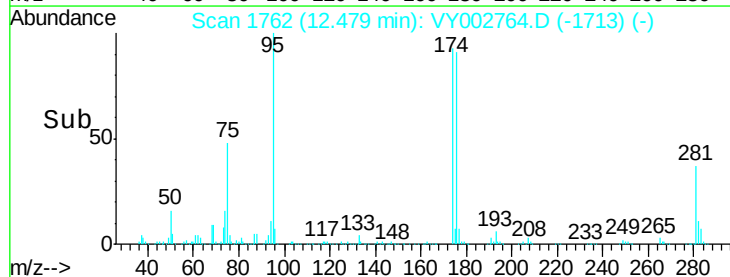
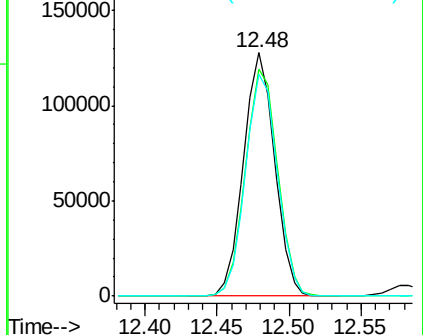
176 93.0 0.0 188.8

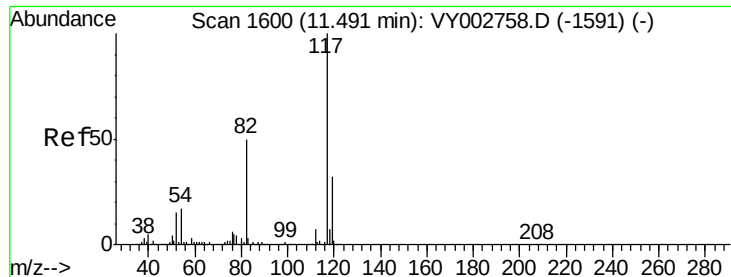


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





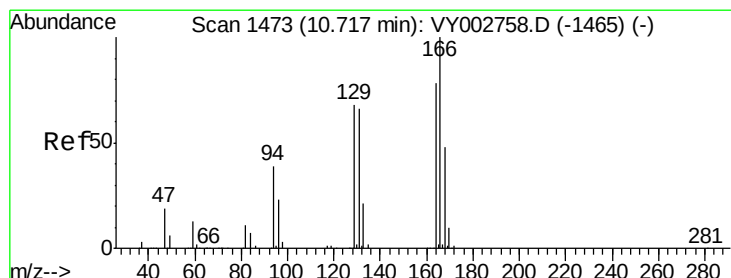
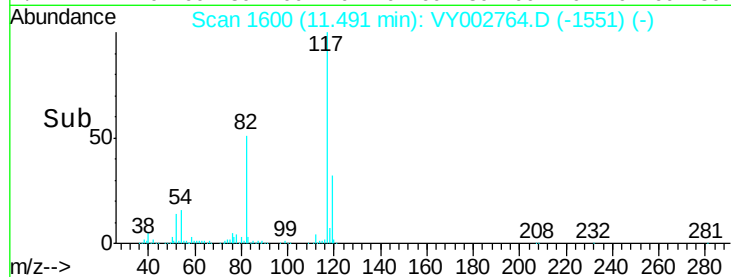
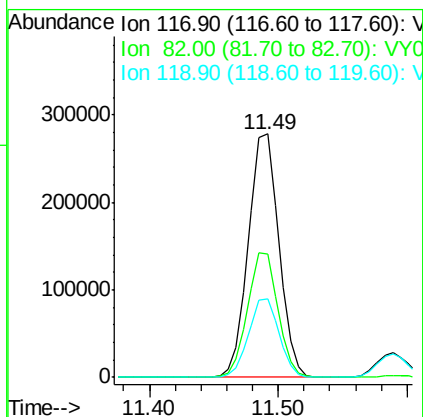
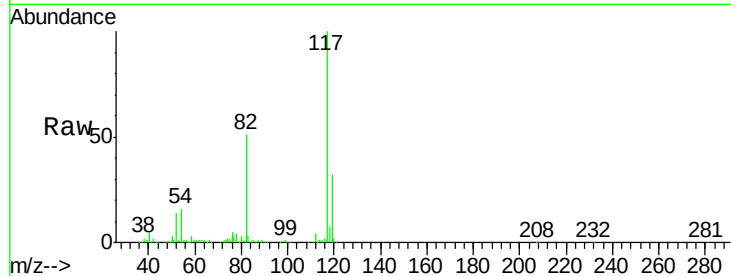
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.2	60.4
119	32.3	25.8	38.8

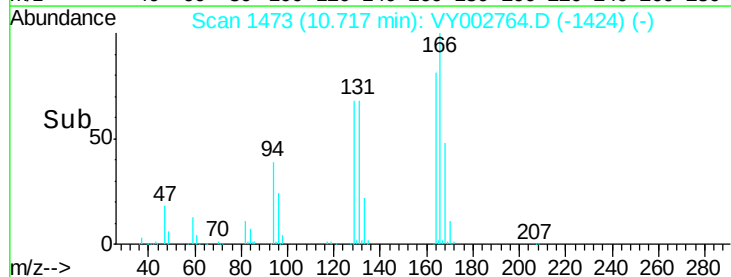
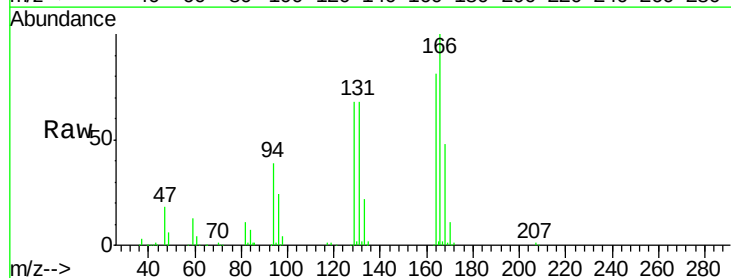
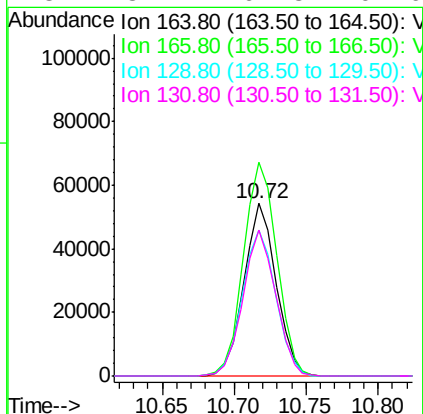
Manual Integrations
APPROVED

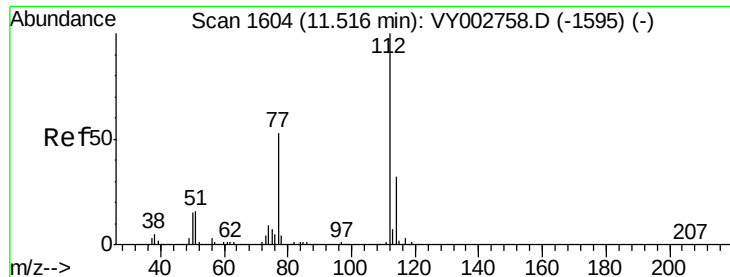
MMDadoda
5/28/2020 2:08:49 PM



#64
Tetrachloroethene
Concen: 20.255 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	102.3	153.5
129	84.4	69.4	104.2
131	84.7	67.8	101.6





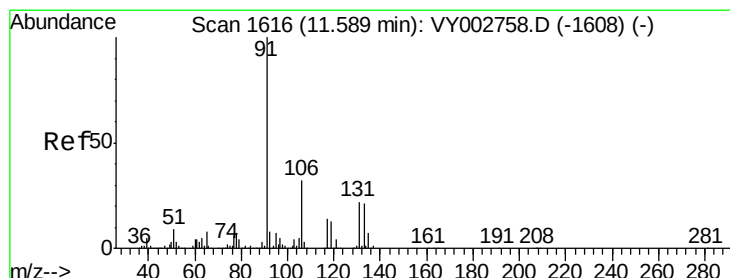
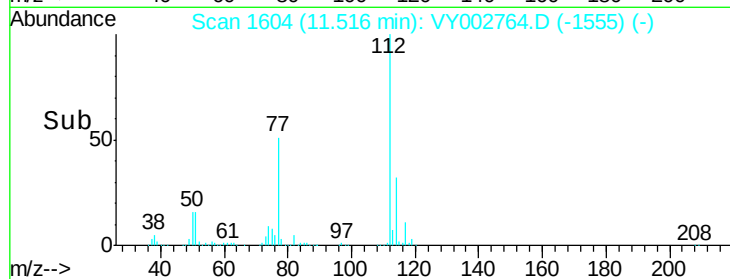
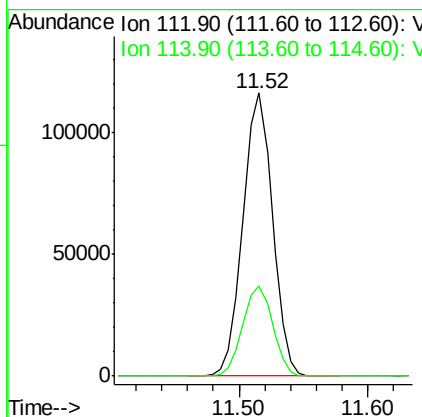
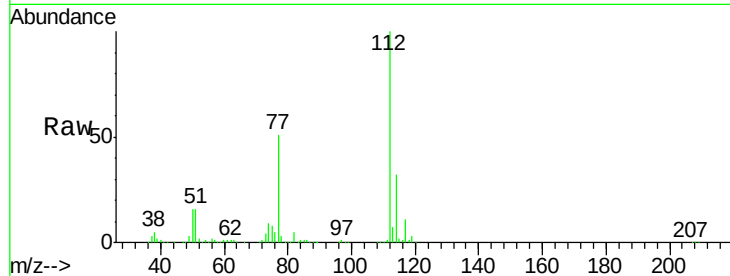
#65
Chlorobenzene
Concen: 20.458 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5

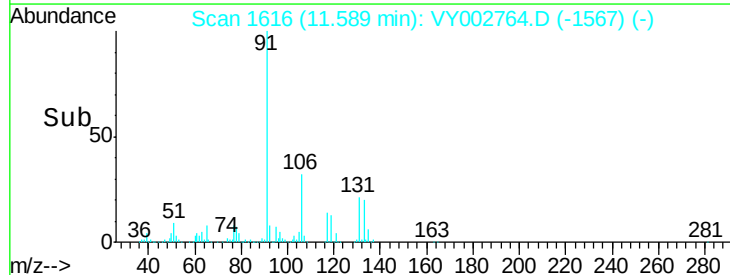
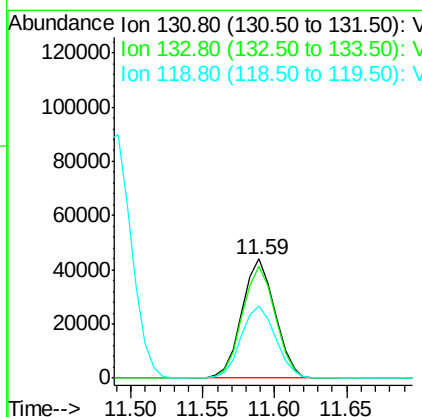
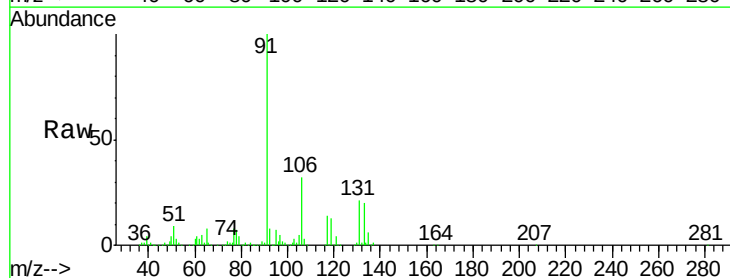
Manual Integrations
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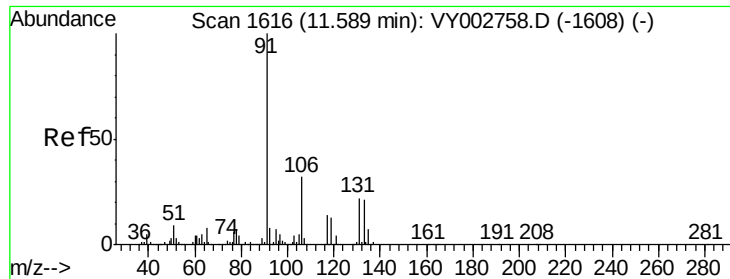
MMDadoda
5/28/2020 2:08:49 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.707 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.6	142.8
119	62.7	31.7	95.1





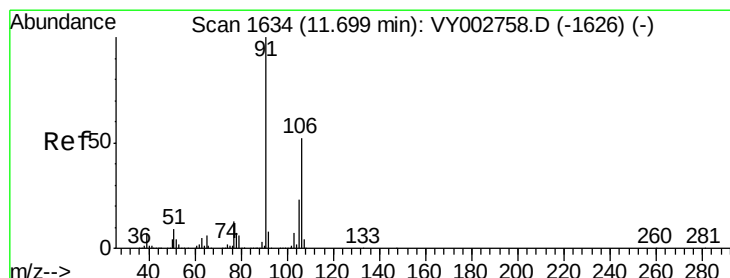
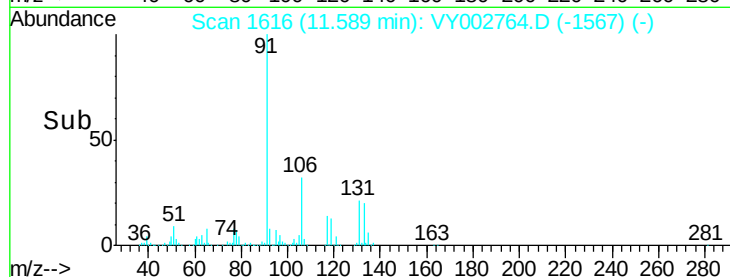
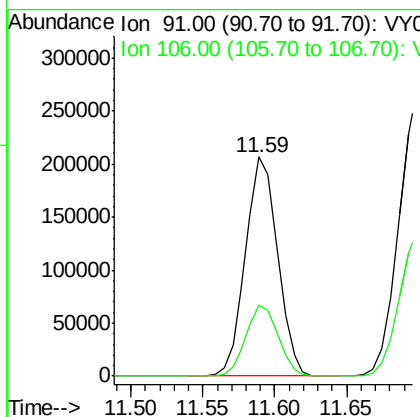
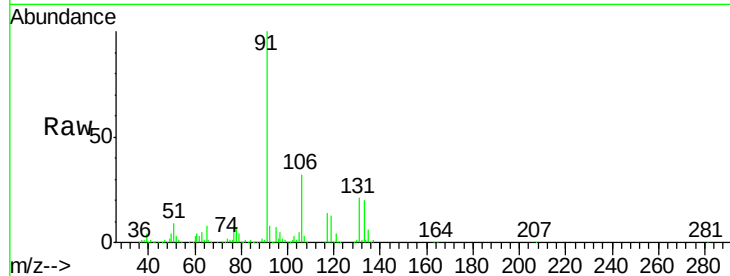
#67
Ethyl Benzene
Concen: 20.471 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion: 91 Resp: 318982
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5

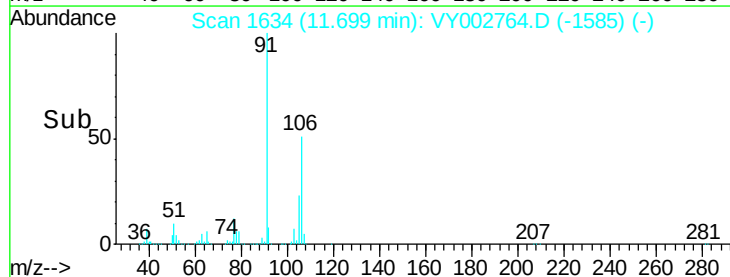
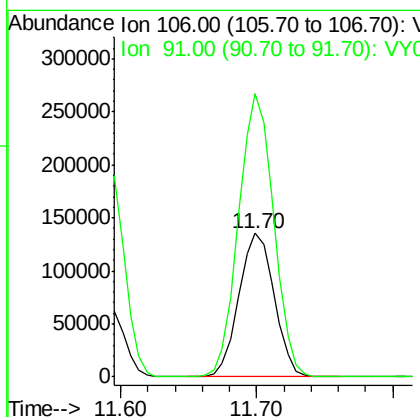
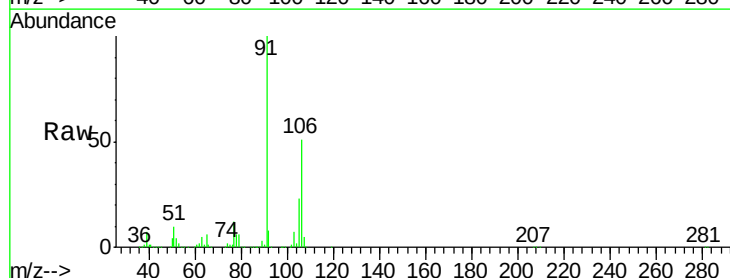
Manual Integrations
APPROVED

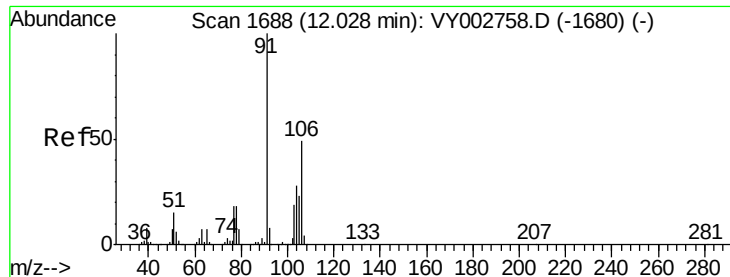
MMDadoda
5/28/2020 2:08:49 PM



#68
m/p-Xylenes
Concen: 40.748 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion: 106 Resp: 246176
Ion Ratio Lower Upper
106 100
91 195.4 156.0 234.0





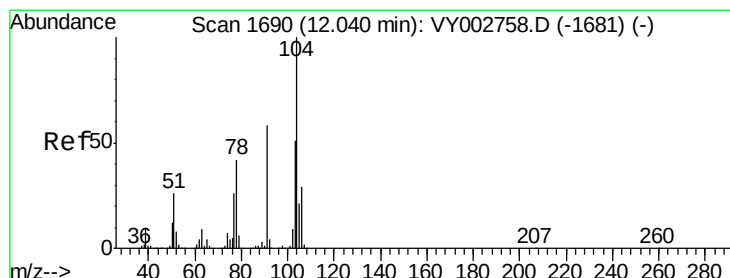
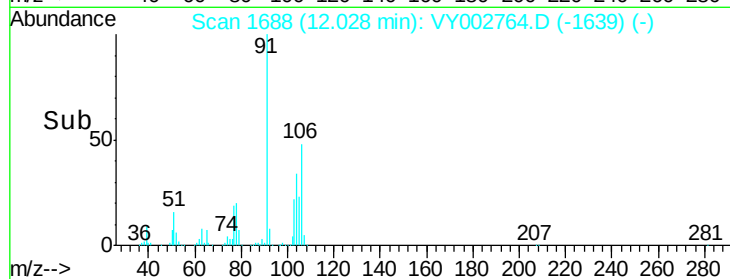
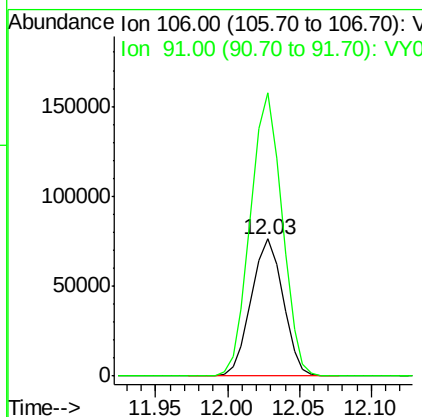
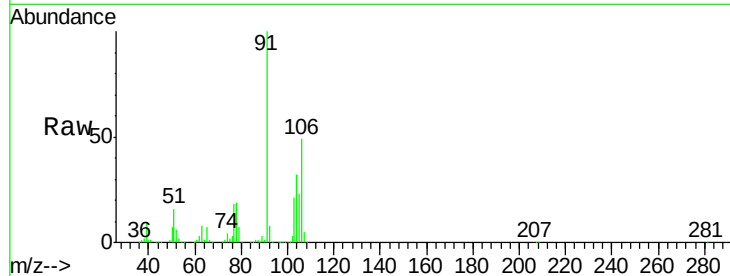
#69
o-Xylene
Concen: 20.578 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	117363		
91	91	204.6	102.4	307.1	

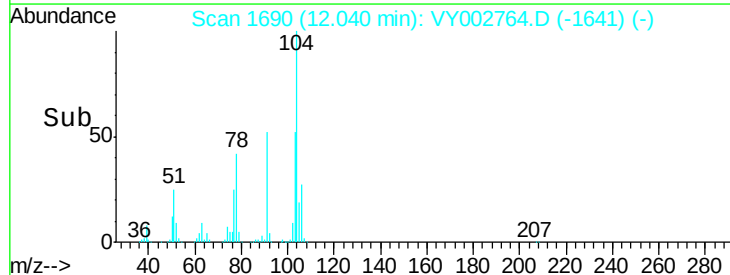
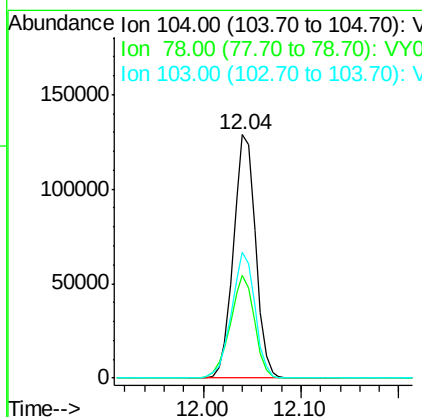
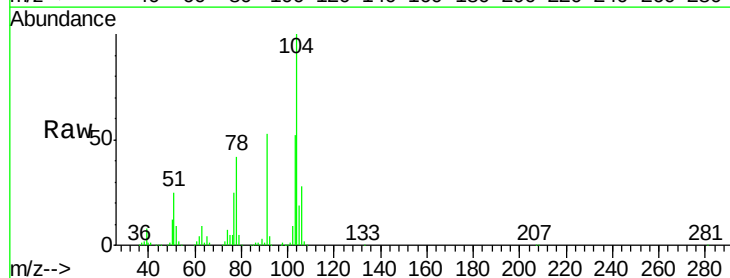
Manual Integrations
APPROVED

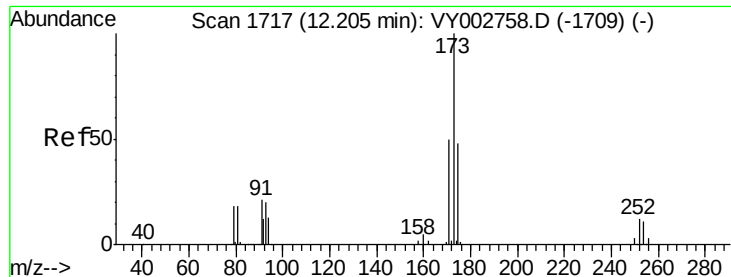
MMDadoda
5/28/2020 2:08:49 PM



#70
Styrene
Concen: 20.457 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	202259		
78	78	45.9	36.2	54.4	
103	103	54.7	43.6	65.4	





#71

Bromoform

Concen: 20.531 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

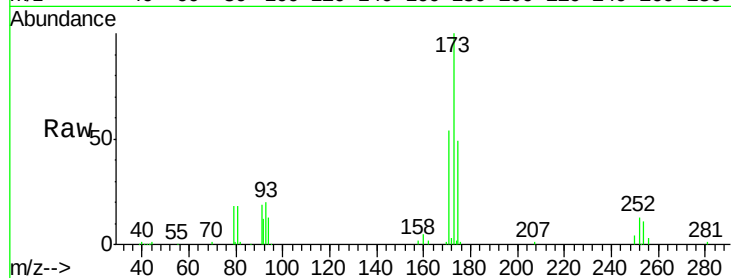
ClientSampleId :

VY0527SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.8
254	0.0	0.1	0.1#

Manual Integrations
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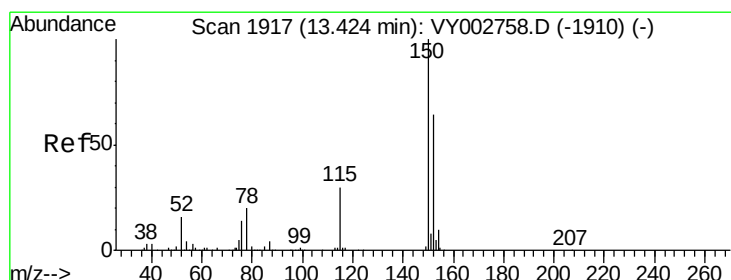
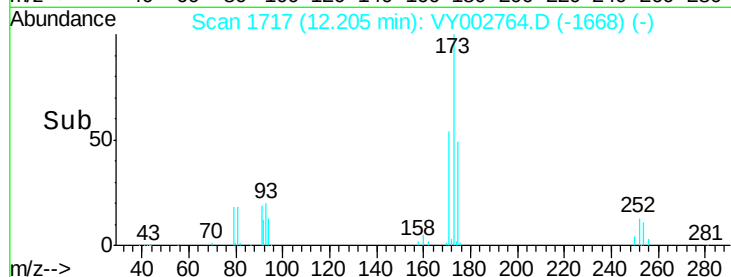
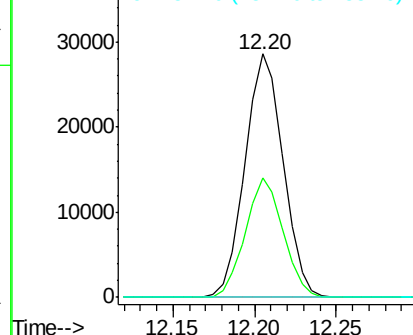


Abundance

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

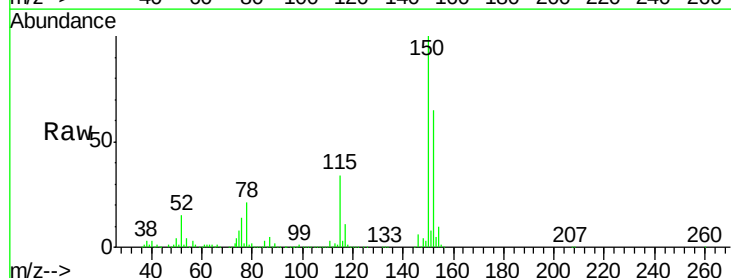
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.0	81.0
150	162.3	0.0	344.8

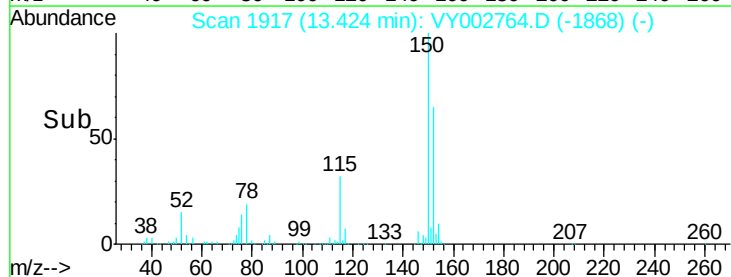
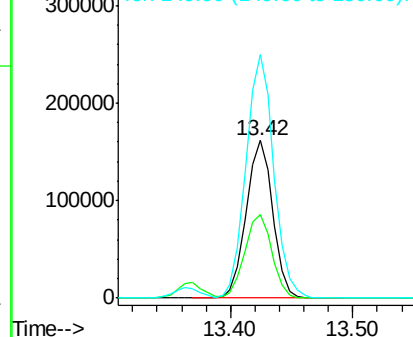


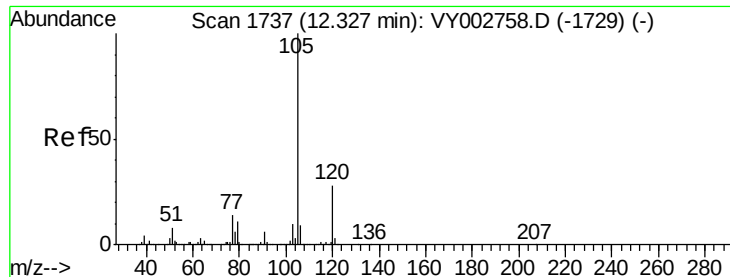
Abundance

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: 20.616 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 105 Resp: 320505

Ion Ratio Lower Upper

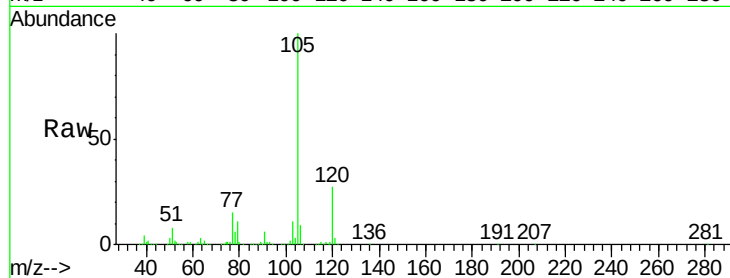
105 100

120 27.3 13.7 41.1

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

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

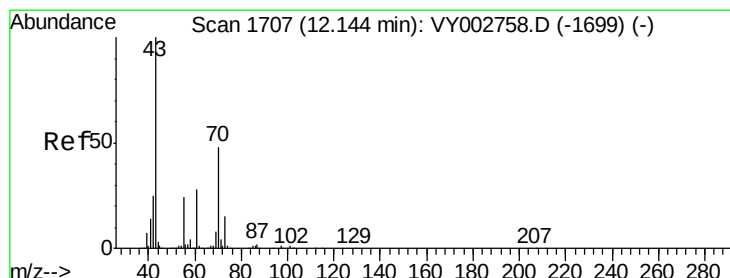
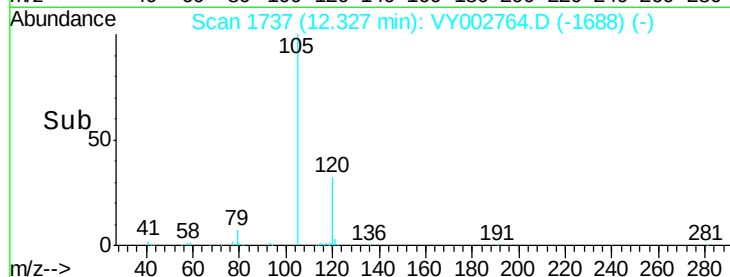
100000

50000

0

12.33

Time-->



#74

N-ethyl acetate

Concen: 20.913 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion: 43 Resp: 83423

Ion Ratio Lower Upper

43 100

70 47.4 37.7 56.5

55 24.6 19.8 29.6

61 27.3 21.7 32.5

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

80000

60000

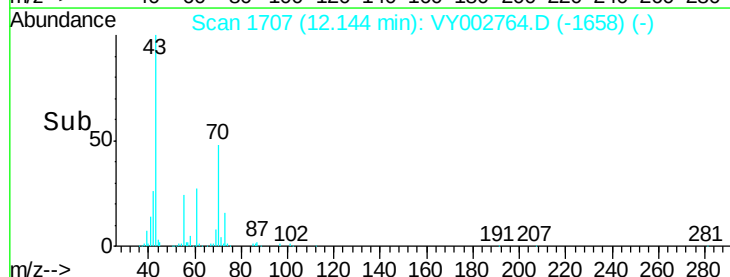
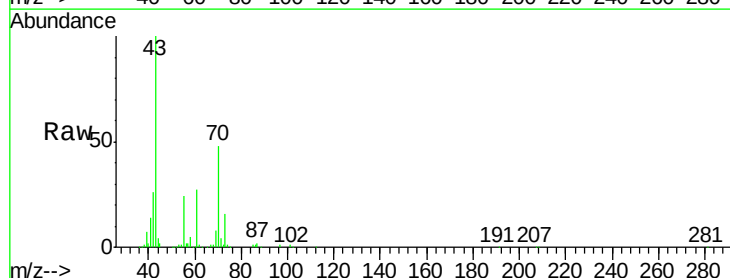
40000

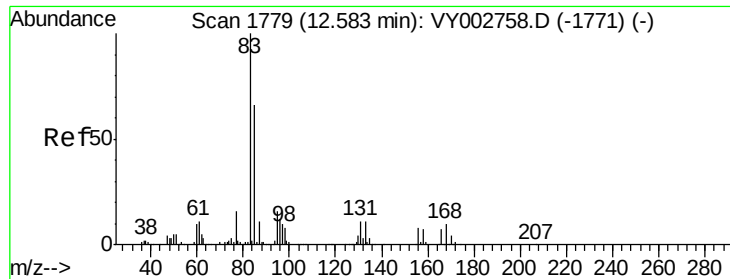
20000

0

12.14

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.081 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

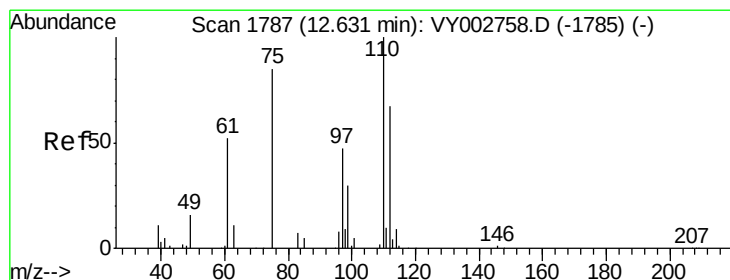
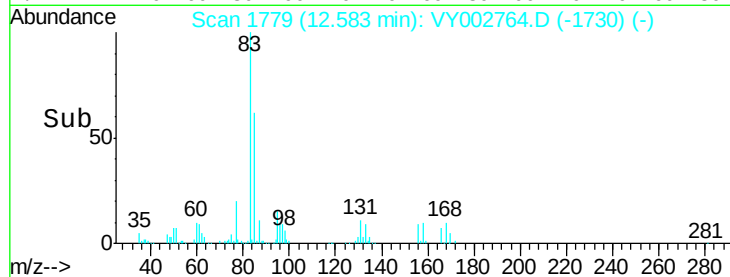
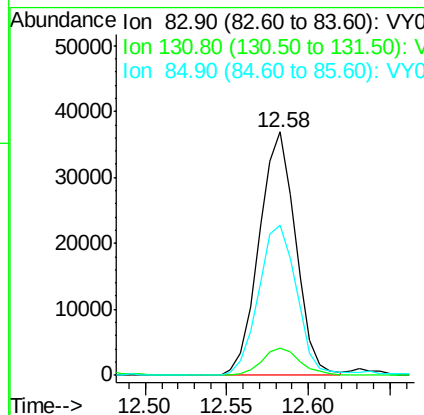
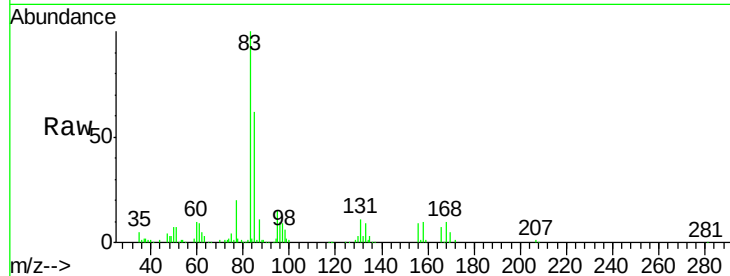
ClientSampleId :

VY0527SBS01

Tot Ion:	83	Resp:	57504
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.8	17.4
85	64.4	32.6	98.0

Manual Integrations
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5/28/2020 2:08:49 PM



#76

1,2,3-Trichloropropane

Concen: 19.999 ug/l m

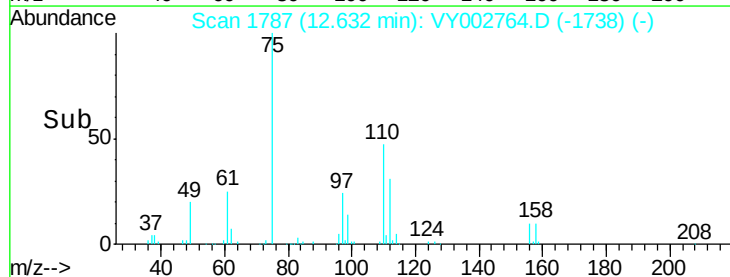
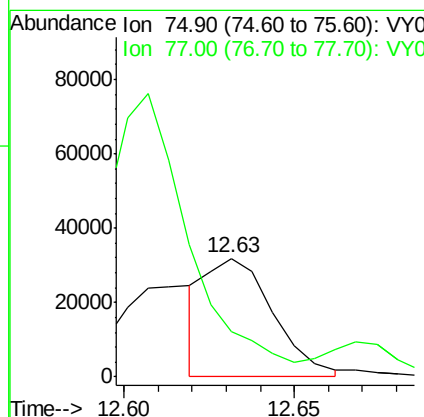
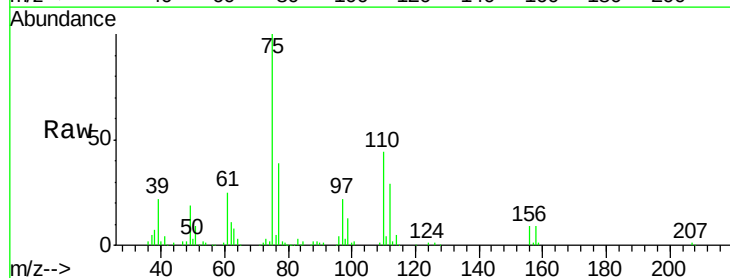
RT: 12.63 min Scan# 1787

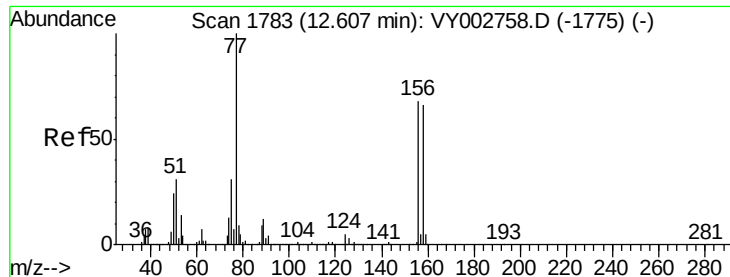
Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion:	75	Resp:	43717
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.051 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

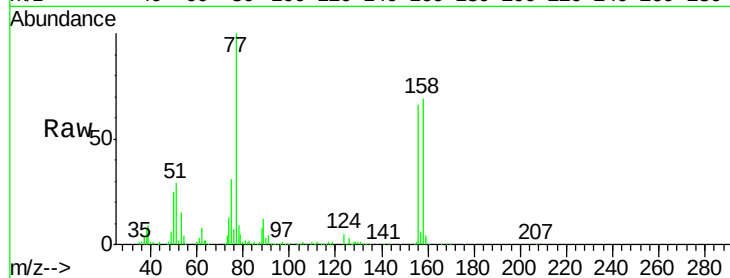
ClientSampleId :

VY0527SBS01

Tot Ion:	156	Resp:	81168
Ion Ratio	Lower	Upper	
156	100		
77	166.2	81.4	244.2
158	99.7	48.5	145.6

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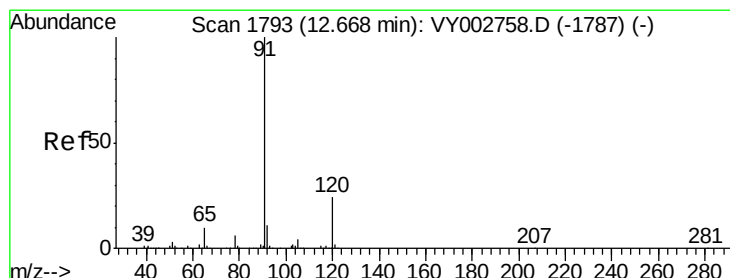
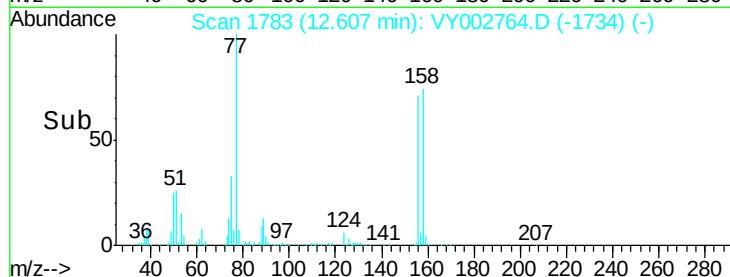
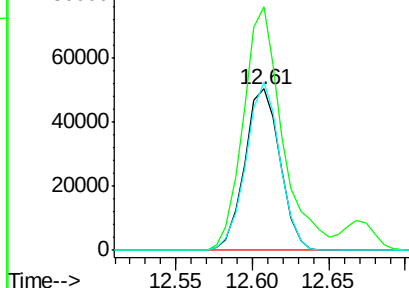
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): VY002758.D (-1775) (-)

Ion 77.00 (76.70 to 77.70): VY002758.D (-1775) (-)

Ion 157.80 (157.50 to 158.50): VY002758.D (-1775) (-)



#78

n-propylbenzene

Concen: 20.840 ug/l

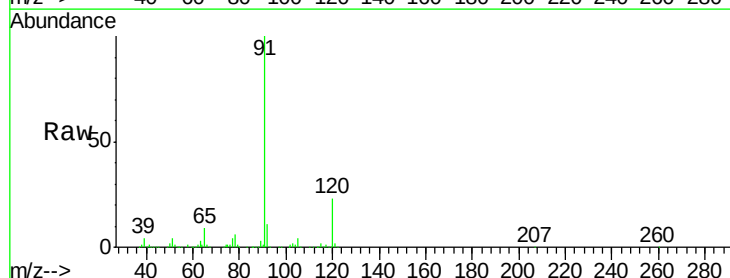
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002764.D

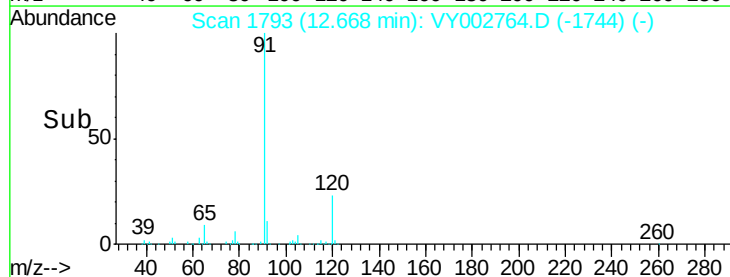
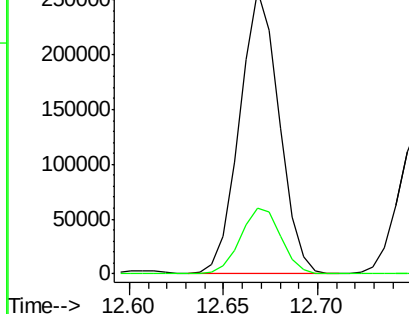
Acq: 27 May 2020 15:14

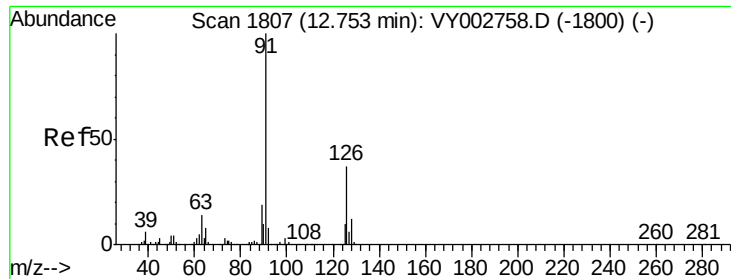
Tgt Ion:	91	Resp:	374247
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VY002758.D (-1787) (-)





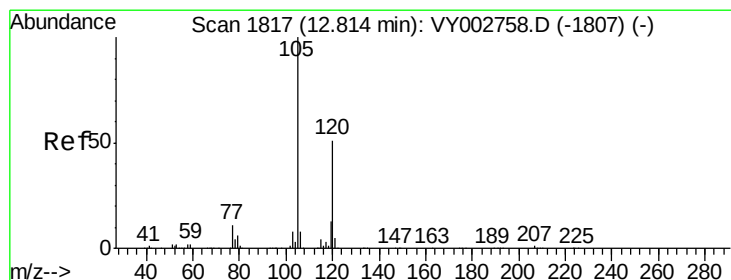
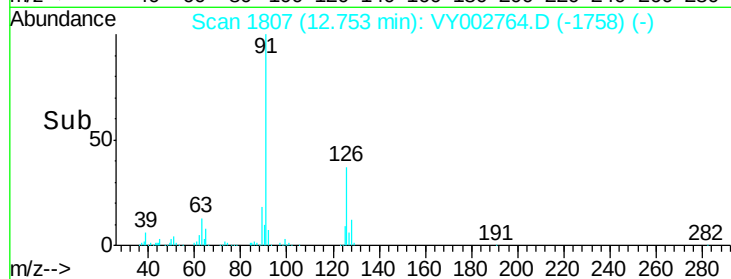
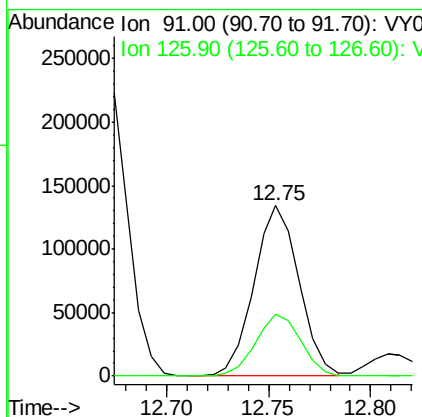
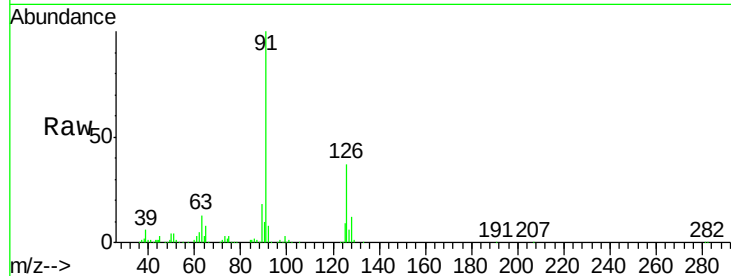
#79
 2-Chlorotoluene
 Concen: 20.429 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion: 91 Resp: 205795
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4

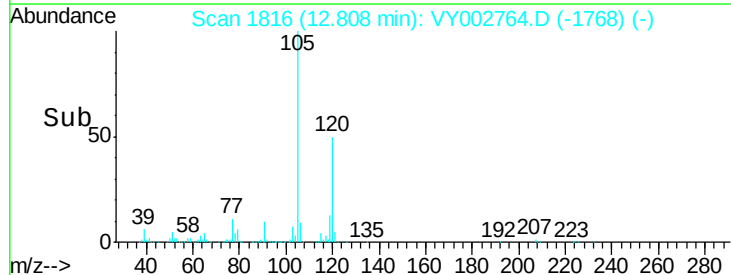
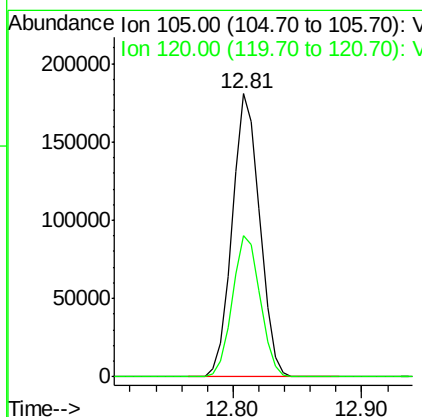
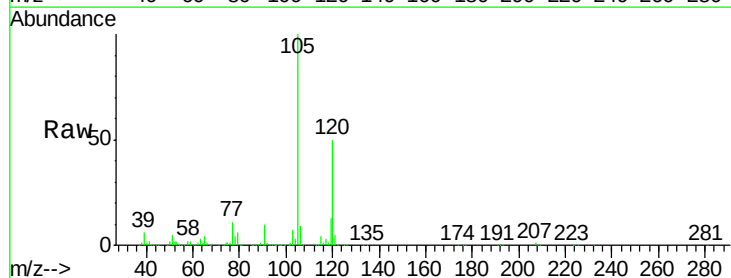
Manual Integrations
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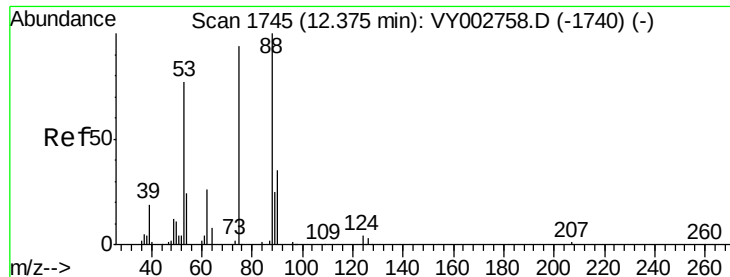
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.692 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion: 105 Resp: 268596
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.833 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

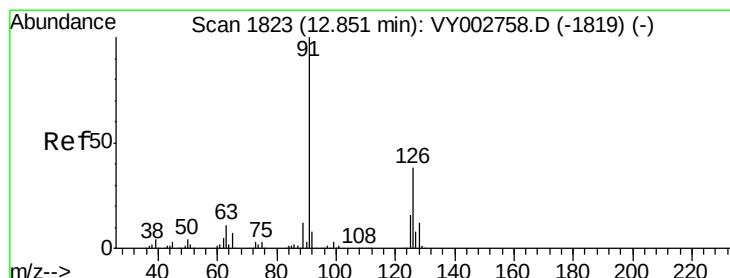
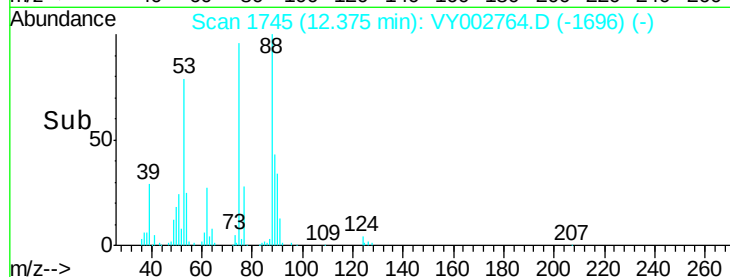
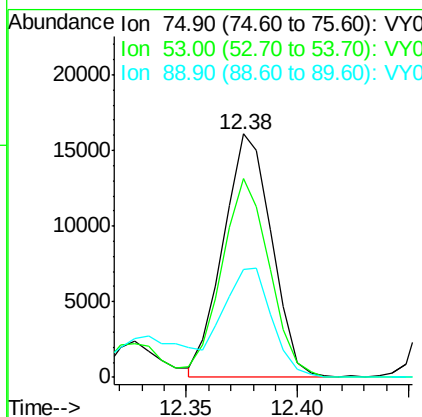
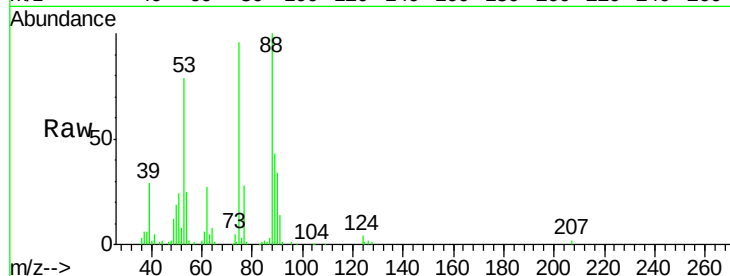
ClientSampleId :

VY0527SBS01

Tot Ion:	75	Resp:	24172
Ion Ratio	Lower	Upper	
75	100		
53	81.7	64.0	96.0
89	45.1	37.4	56.2

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#82

4-Chlorotoluene

Concen: 20.521 ug/l

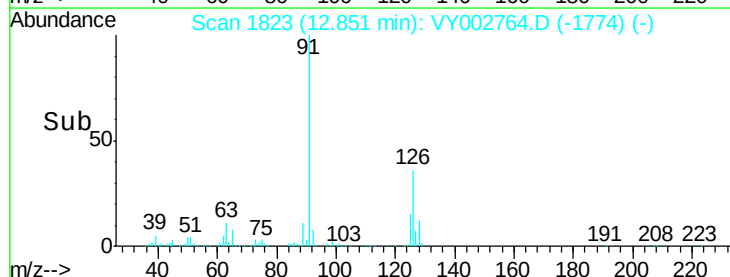
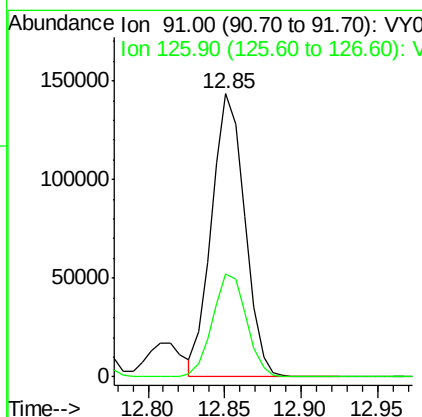
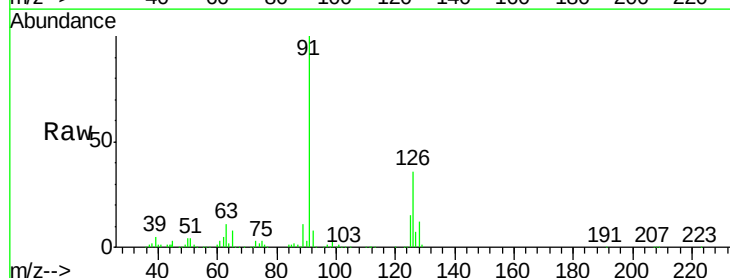
RT: 12.85 min Scan# 1823

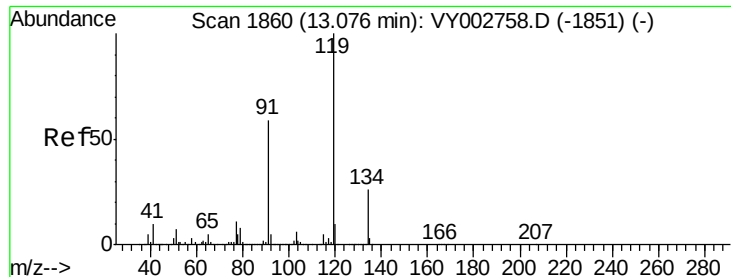
Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion:	91	Resp:	216589
Ion Ratio	Lower	Upper	
91	100		
126	37.1	18.5	55.5





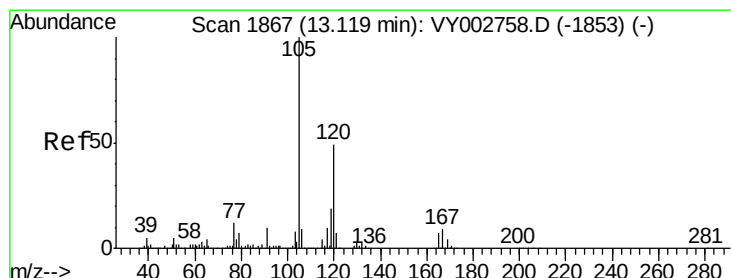
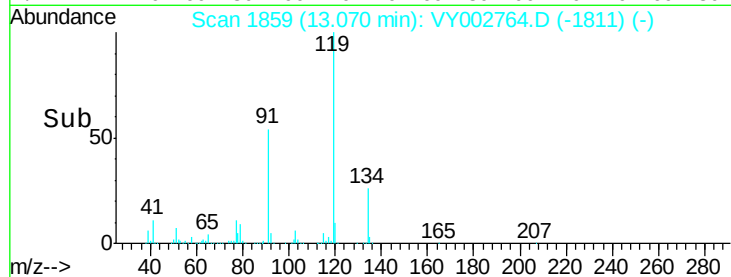
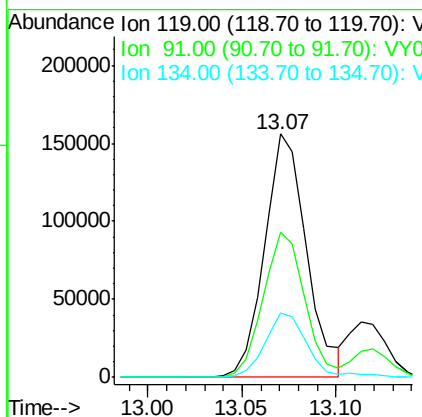
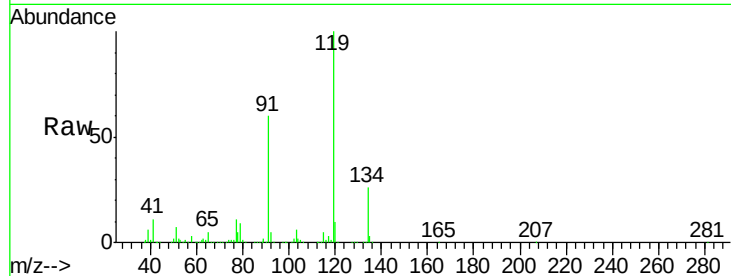
#83
 tert-Butylbenzene
 Concen: 20.812 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	240982		
91	59.1		29.8	89.4
134	26.6		13.3	39.8

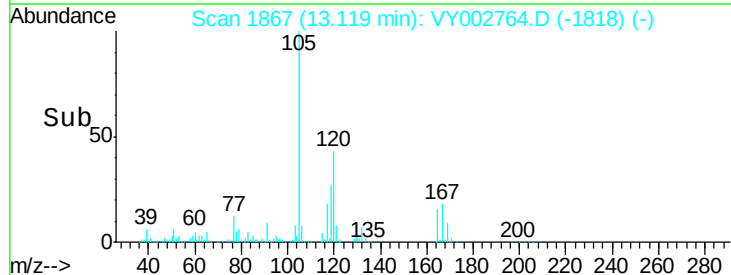
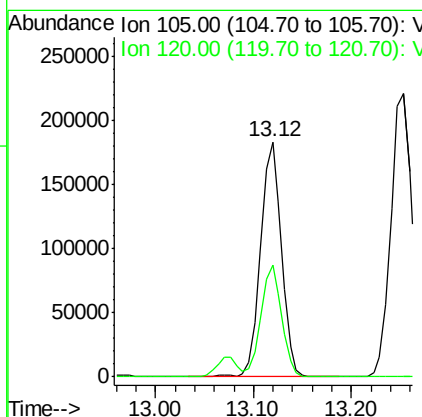
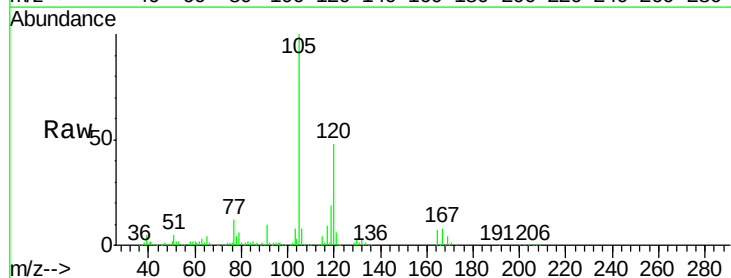
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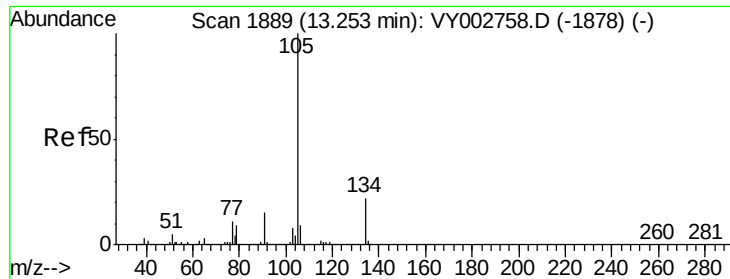
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.777 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	271182		
120	47.0		23.6	70.8





#85

sec-Butylbenzene

Concen: 21.094 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion:105 Resp: 333956

Ion Ratio Lower Upper

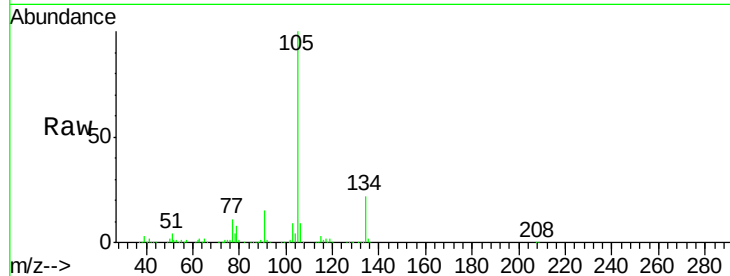
105 100

134 21.3 10.8 32.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

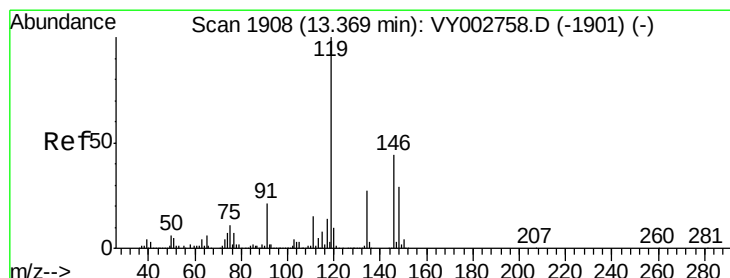
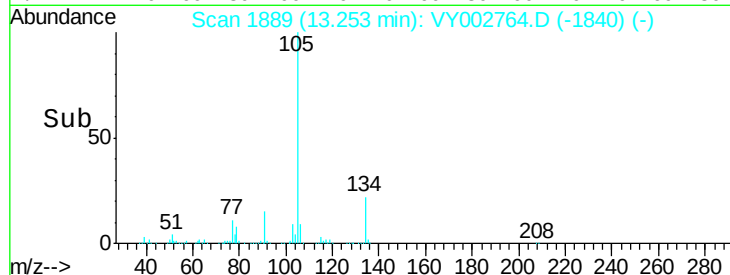
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.888 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

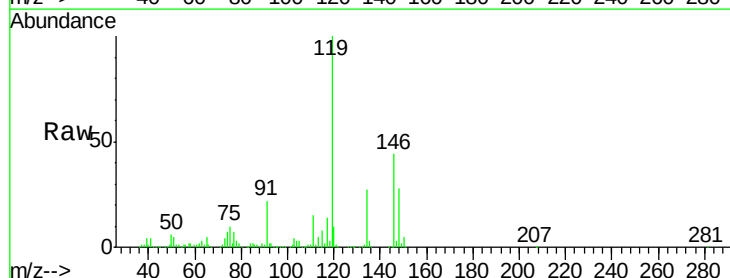
Tgt Ion:119 Resp: 307709

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

91 21.8 10.8 32.4



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

250000

200000

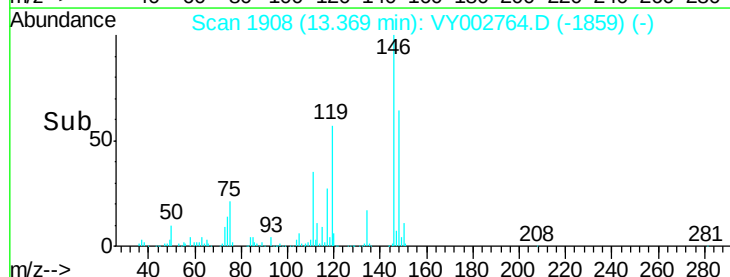
150000

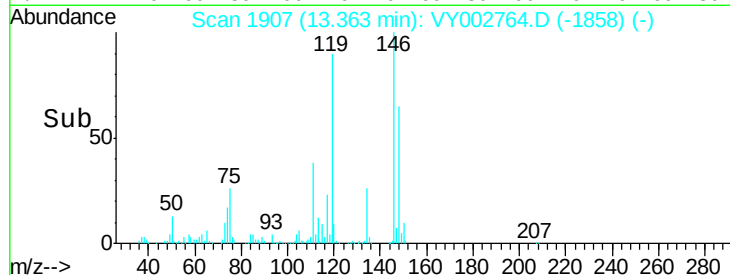
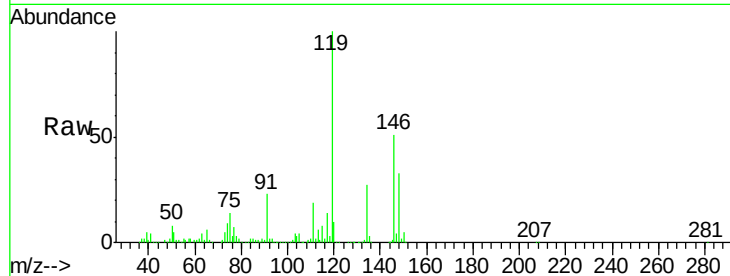
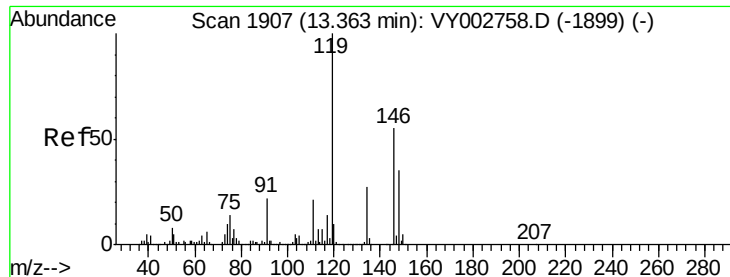
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.322 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

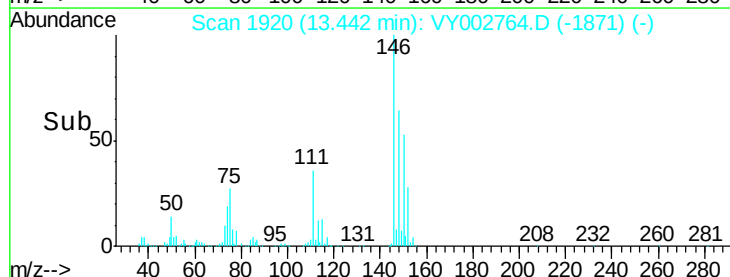
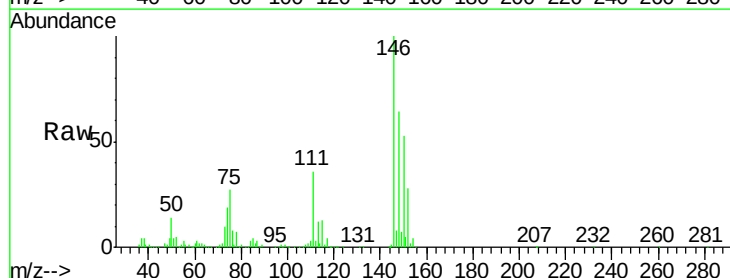
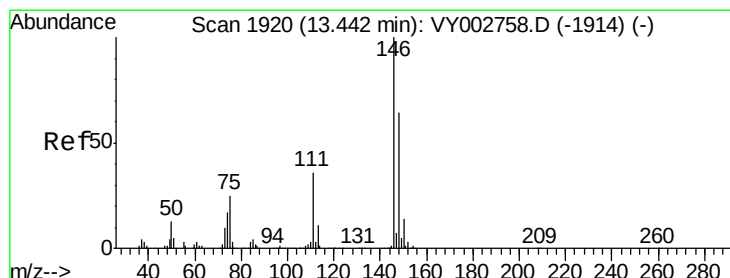
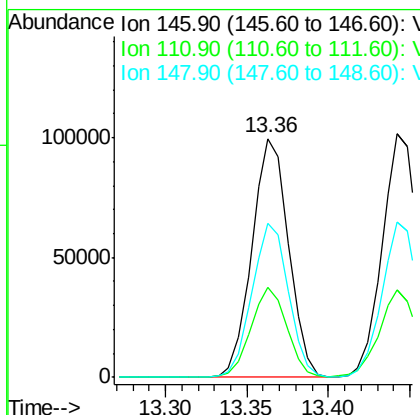
Tot Ion	Ratio	Resp	Lower	Upper
146	100	155830		
111	36.9	18.4	55.0	
148	64.1	31.9	95.7	

Instrument :
MSVOA_Y

ClientSampleId :
VY0527SBS01

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#88

1,4-Dichlorobenzene

Concen: 20.244 ug/l

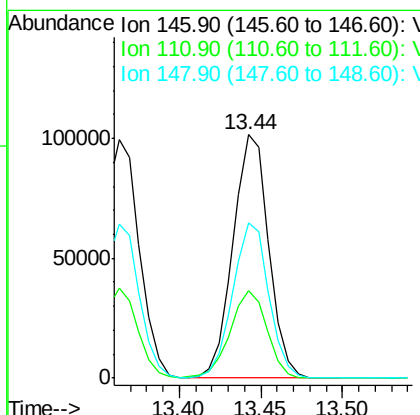
RT: 13.44 min Scan# 1920

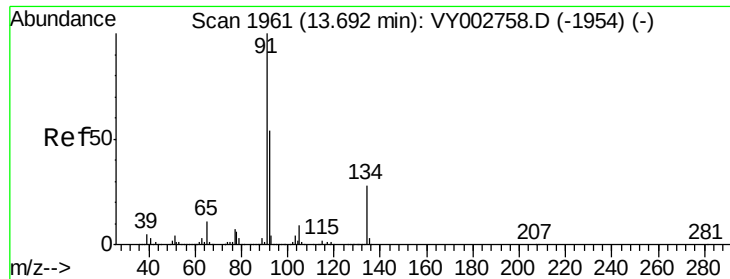
Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	155280		
111	37.0	18.1	54.3	
148	64.3	32.1	96.3	





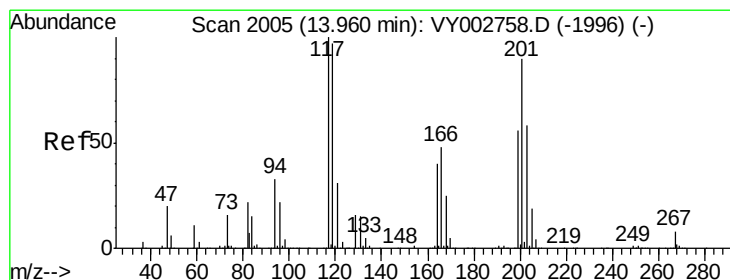
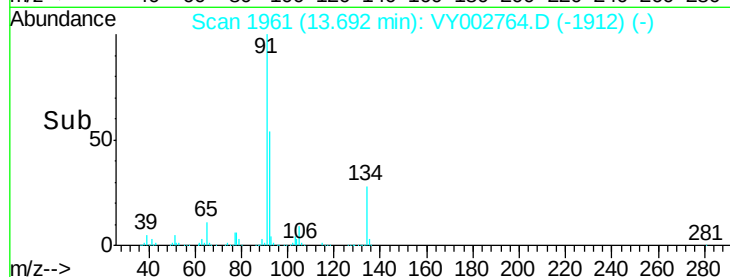
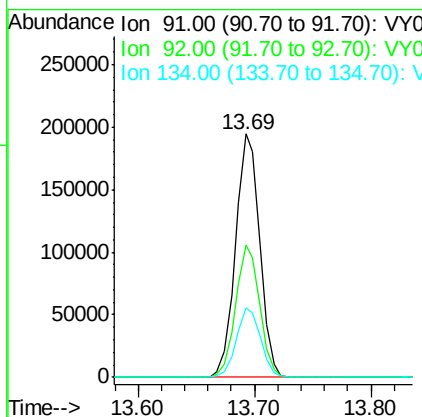
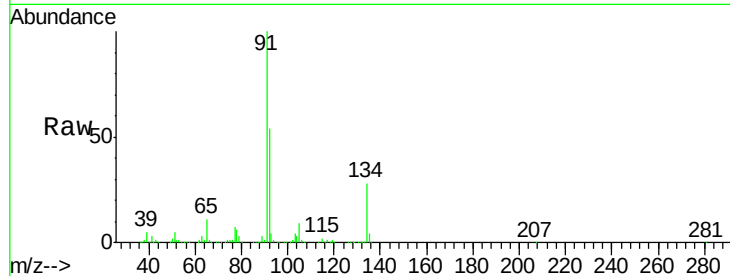
#89
n-Butylbenzene
Concen: 20.993 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	280783		
92	53.7		27.1	81.2
134	28.6		14.3	42.9

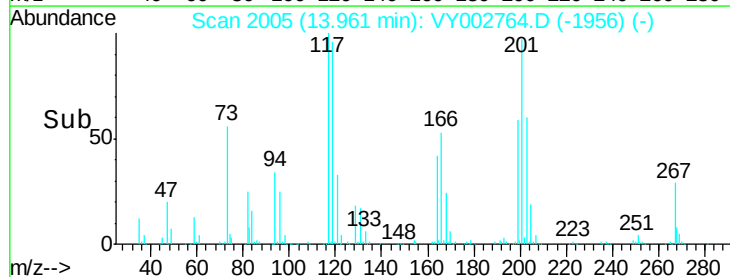
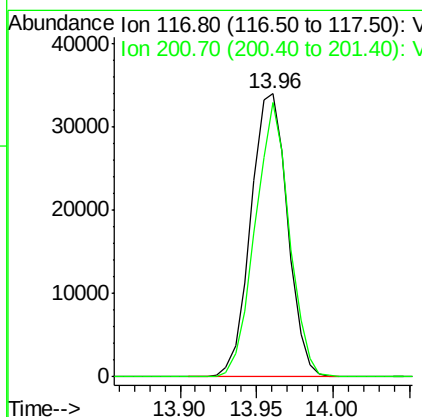
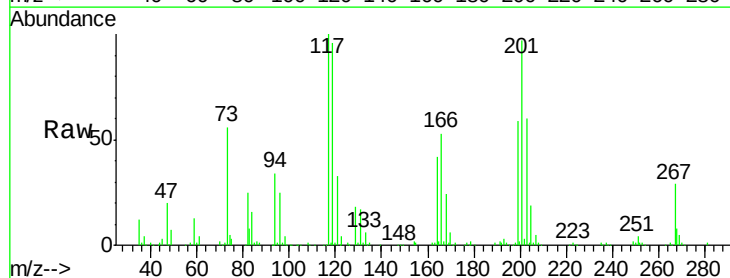
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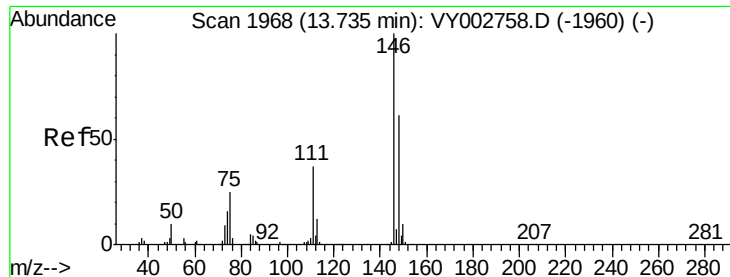
MMDadoda
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#90
Hexachloroethane
Concen: 20.623 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	56877		
201	89.9		43.9	131.6





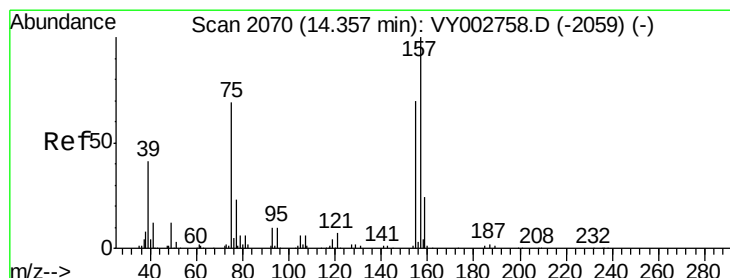
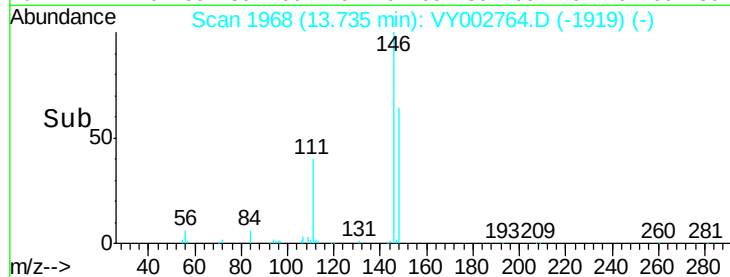
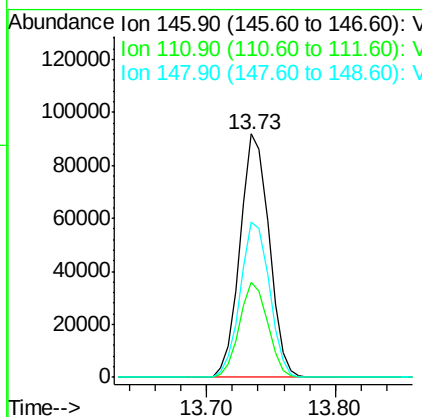
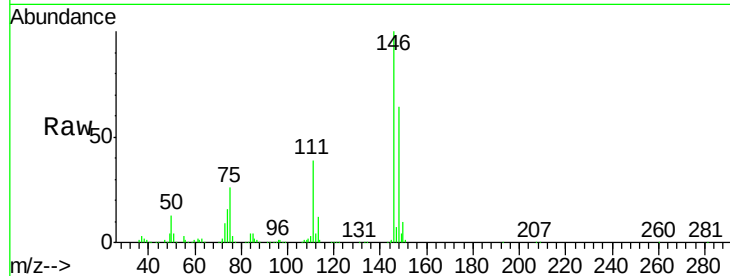
#91
 1,2-Dichlorobenzene
 Concen: 20.586 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.1	31.9	95.5

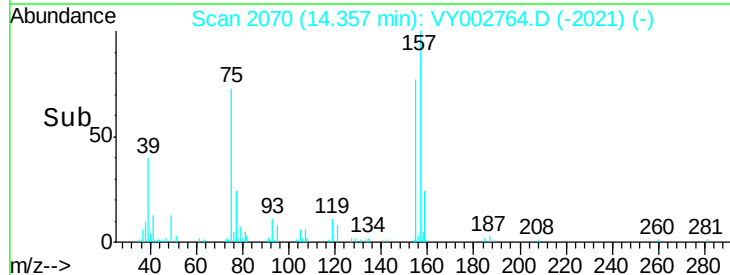
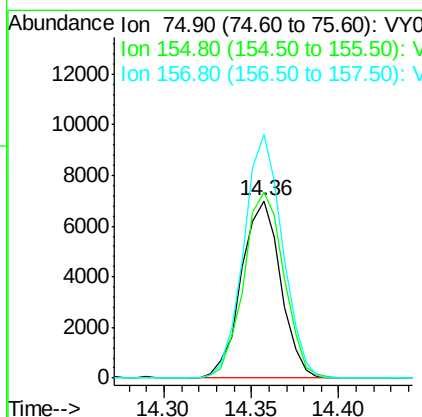
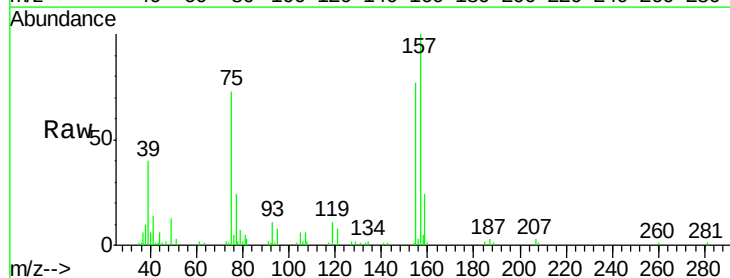
Manual Integrations
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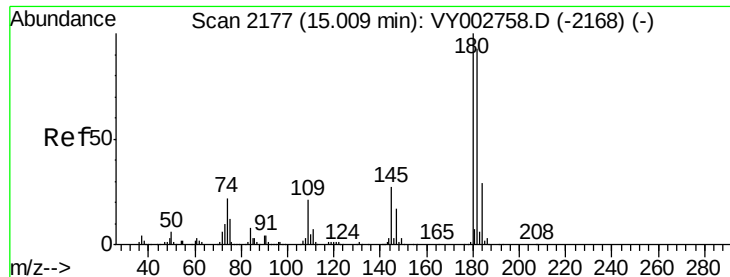
MMDadoda
 5/28/2020 2:08:49 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.922 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.1	53.5	160.5
157	135.0	69.9	209.7





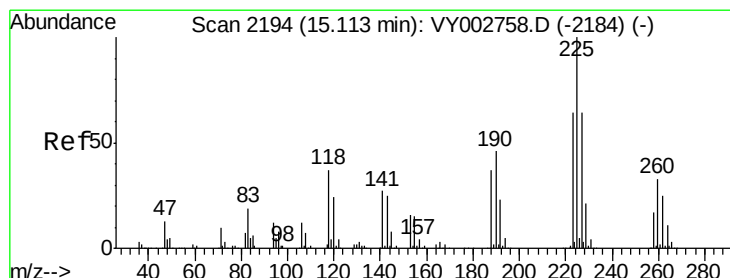
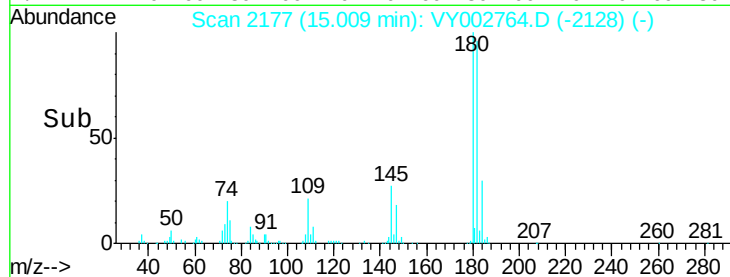
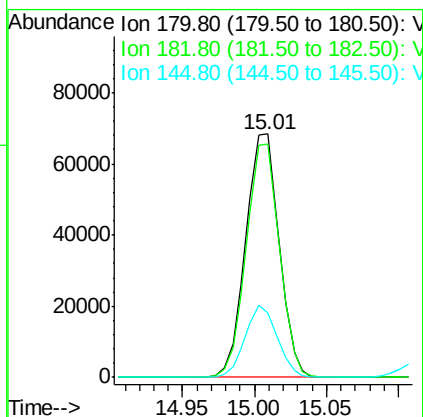
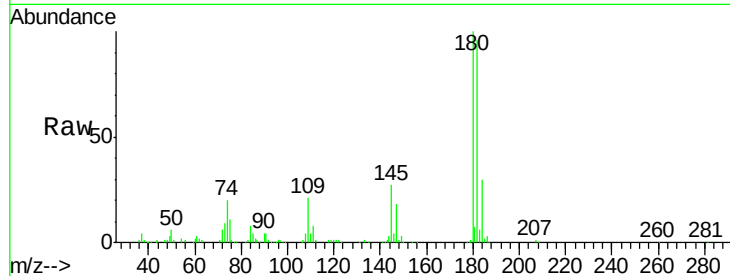
#93
 1,2,4-Trichlorobenzene
 Concen: 20.947 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	109799		
182	95.0	47.3	141.9	
145	28.5	14.1	42.3	

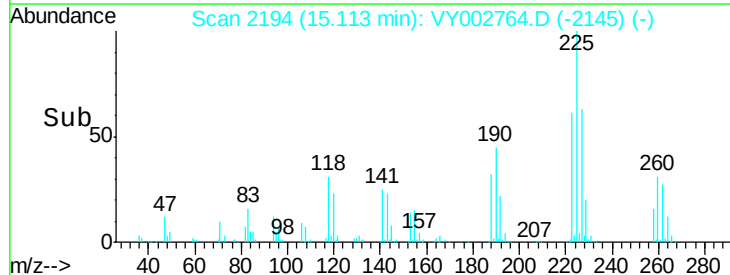
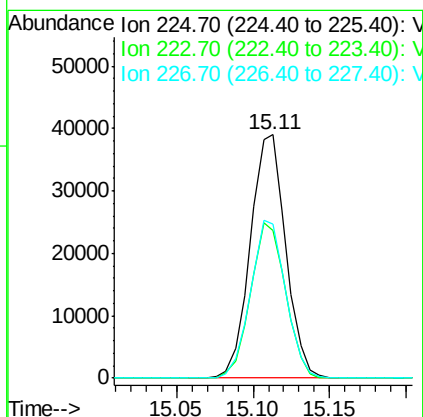
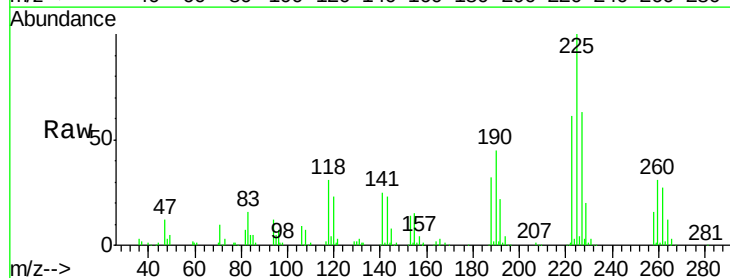
Manual Integrations
 APPROVED

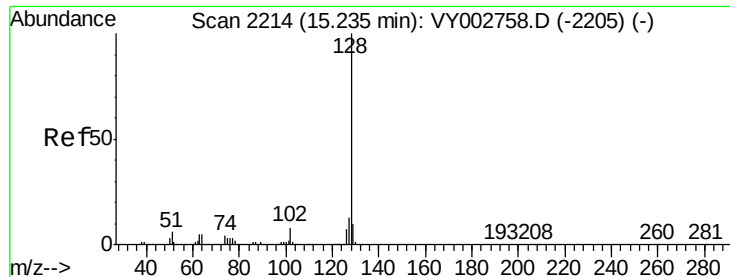
MMDadoda
 5/28/2020 2:08:49 PM



#94
 Hexachlorobutadiene
 Concen: 21.087 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62691		
223	63.2	31.6	95.0	
227	64.5	32.3	96.9	





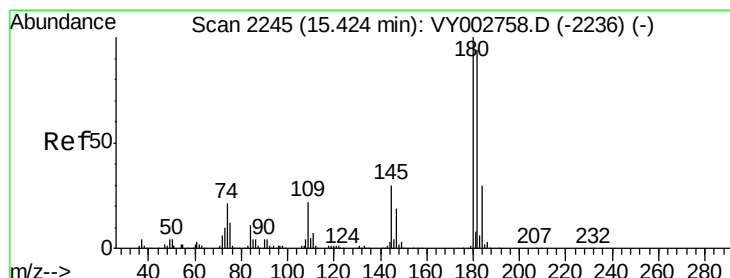
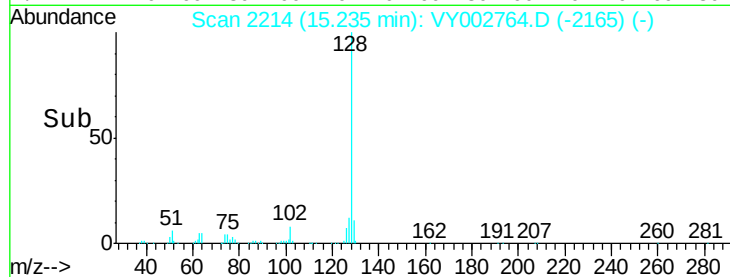
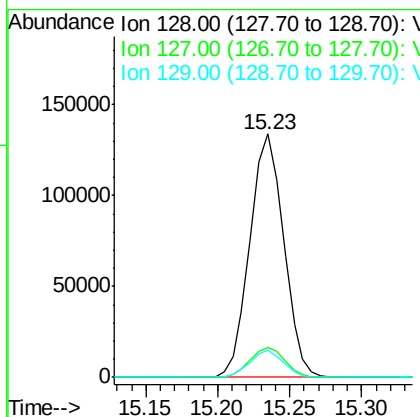
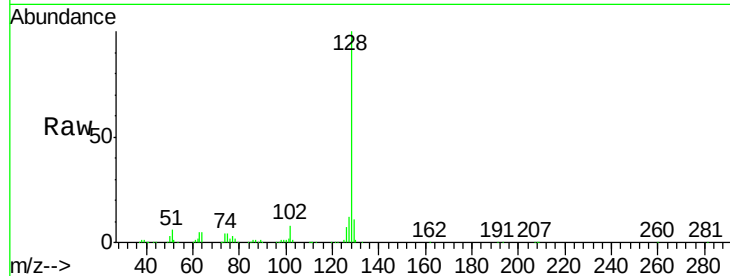
#95
Naphthalene
Concen: 20.690 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	217449		
127	12.7	10.3	15.5	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:08:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.755 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	97148		
182	96.9	48.1	144.4	
145	30.1	15.1	45.3	

