

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003506.D
 Acq On : 04 Nov 2020 12:02
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 7:01:51 PM

Quant Time: Nov 05 00:38:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	233218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	332244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	298974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	110151	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	7.72	113	95586	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	10.18	98	388729	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
62) 4-Bromofluorobenzene	12.48	95	130153	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	40050	21.704	ug/l	99
3) Chloromethane	2.12	50	51876	21.355	ug/l	99
4) Vinyl Chloride	2.26	62	57535	21.100	ug/l	100
5) Bromomethane	2.65	94	44157	19.382	ug/l	98
6) Chloroethane	2.80	64	34280	21.092	ug/l	99
7) Trichlorofluoromethane	3.13	101	73013	21.095	ug/l	98
8) Diethyl Ether	3.54	74	23597	22.232	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41891	21.898	ug/l	98
10) Methyl Iodide	4.10	142	37687	22.031	ug/l	96
11) Tert butyl alcohol	4.97	59	26676	99.679	ug/l	96
12) 1,1-Dichloroethene	3.88	96	39717	20.867	ug/l	98
13) Acrolein	3.74	56	19125	96.386	ug/l	99
14) Allyl chloride	4.49	41	73869	21.273	ug/l	99
15) Acrylonitrile	5.18	53	55922	98.704	ug/l	99
16) Acetone	3.96	43	67855	86.031	ug/l	97
17) Carbon Disulfide	4.21	76	128330	20.812	ug/l	98
18) Methyl Acetate	4.49	43	29928	20.079	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	101109	21.448	ug/l	100
20) Methylene Chloride	4.72	84	48513	21.841	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	46863	21.264	ug/l	94
22) Diisopropyl ether	6.13	45	137780	22.622	ug/l	95
23) Vinyl Acetate	6.07	43	485880	106.160	ug/l	99
24) 1,1-Dichloroethane	6.03	63	84864	21.927	ug/l	99
25) 2-Butanone	7.00	43	91544	92.800	ug/l	98
26) 2,2-Dichloropropane	6.99	77	76251	21.147	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	50974	21.345	ug/l	97
28) Bromochloromethane	7.34	49	39077	20.070	ug/l	97
29) Tetrahydrofuran	7.36	42	49967	96.937	ug/l	99
30) Chloroform	7.52	83	83421	21.945	ug/l	99
31) Cyclohexane	7.79	56	75526	21.075	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	76984	21.708	ug/l	99
36) 1,1-Dichloropropene	7.93	75	66591	21.258	ug/l	100
37) Ethyl Acetate	7.08	43	38492	19.788	ug/l	99
38) Carbon Tetrachloride	7.91	117	69315	21.329	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	72090	20.668	ug/l	96
40) Benzene	8.17	78	187930	21.558	ug/l	100
41) Methacrylonitrile	7.33	41	21612m	20.806	ug/l	
42) 1,2-Dichloroethane	8.24	62	59023	21.608	ug/l	100
43) Isopropyl Acetate	8.28	43	71995	20.595	ug/l	99
44) Trichloroethene	8.94	130	52472	21.441	ug/l	97
45) 1,2-Dichloropropane	9.22	63	47903	21.759	ug/l	99
46) Dibromomethane	9.31	93	25463	21.023	ug/l	98
47) Bromodichloromethane	9.50	83	66313	22.369	ug/l	100
48) Methyl methacrylate	9.30	41	33013	20.047	ug/l	98
49) 1,4-Dioxane	9.30	88	5952	393.847	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	189150	101.553	ug/l	99
52) Toluene	10.25	92	117739	21.594	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	68021	21.561	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	76905	21.663	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	36565	21.267	ug/l	97
56) Ethyl methacrylate	10.51	69	47858	20.781	ug/l	97
57) 1,3-Dichloropropane	10.79	76	64342	21.522	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	120096	102.871	ug/l	99
59) 2-Hexanone	10.83	43	133512	96.814	ug/l	99
60) Dibromochloromethane	10.99	129	45570	21.565	ug/l	99
61) 1,2-Dibromoethane	11.09	107	34342	20.690	ug/l	100
64) Tetrachloroethene	10.72	164	49716	22.266	ug/l	93
65) Chlorobenzene	11.52	112	127519	21.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	48471	22.128	ug/l	99
67) Ethyl Benzene	11.60	91	229229	21.765	ug/l	98
68) m/p-Xylenes	11.70	106	174884	43.817	ug/l	99
69) o-Xylene	12.03	106	80382	21.894	ug/l	100
70) Styrene	12.05	104	138290	22.184	ug/l	100
71) Bromoform	12.20	173	30406	20.825	ug/l #	99
73) Isopropylbenzene	12.33	105	222026	21.014	ug/l	100
74) N-amyl acetate	12.14	43	60264	20.136	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	45658	20.231	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	32379m	18.920	ug/l	
77) Bromobenzene	12.61	156	56830	21.170	ug/l	98
78) n-propylbenzene	12.67	91	260798	20.956	ug/l	99
79) 2-Chlorotoluene	12.75	91	147266	21.180	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	187961	21.471	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	15720	19.172	ug/l	99
82) 4-Chlorotoluene	12.85	91	154290	21.234	ug/l	99
83) tert-Butylbenzene	13.08	119	167841	21.618	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	190011	21.718	ug/l	100
85) sec-Butylbenzene	13.25	105	225635	21.463	ug/l	99
86) p-Isopropyltoluene	13.37	119	208704	21.406	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	108414	21.679	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	108452	21.810	ug/l	99
89) n-Butylbenzene	13.69	91	190361	21.377	ug/l	100
90) Hexachloroethane	13.96	117	34761	21.185	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	95816	21.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7893	19.320	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	69020	21.965	ug/l	100
94) Hexachlorobutadiene	15.11	225	44469	21.999	ug/l	99
95) Naphthalene	15.23	128	124526	19.790	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	61440	21.736	ug/l	99

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

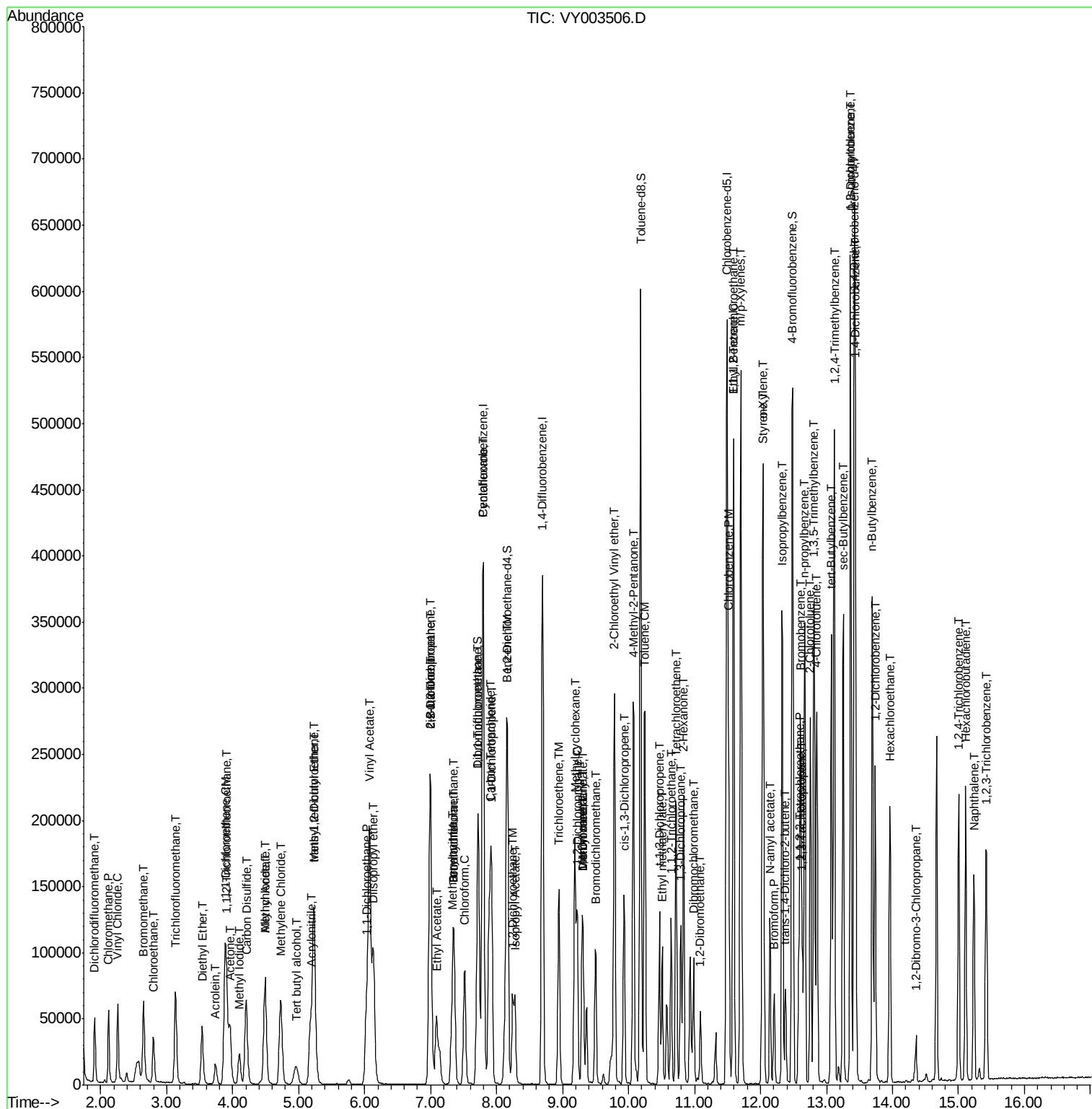
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
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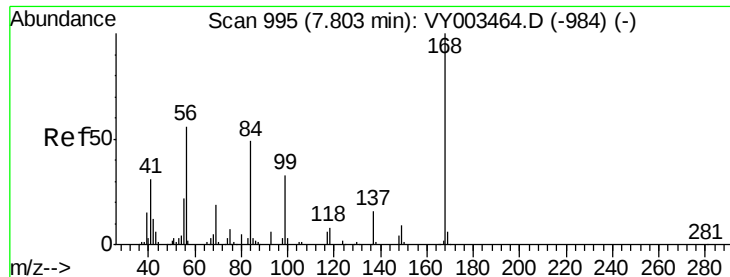
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion:168 Resp: 233218

Ion Ratio Lower Upper

168 100

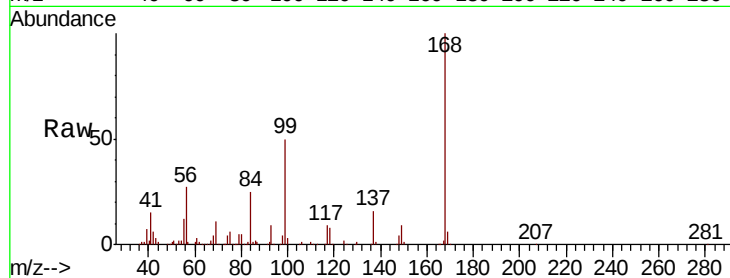
99 50.0 39.7 59.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003506.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003506.D (-946) (-)

7.80

100000

80000

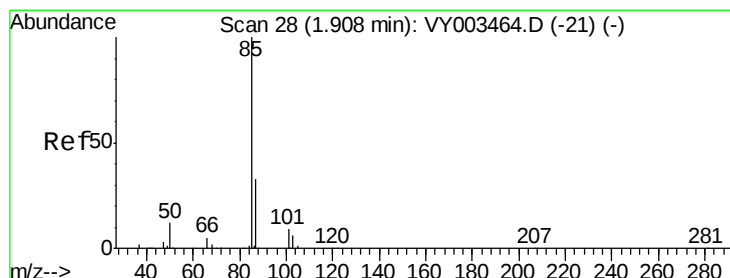
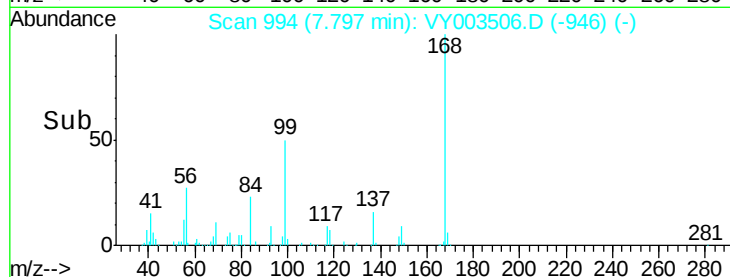
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.704 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY003506.D

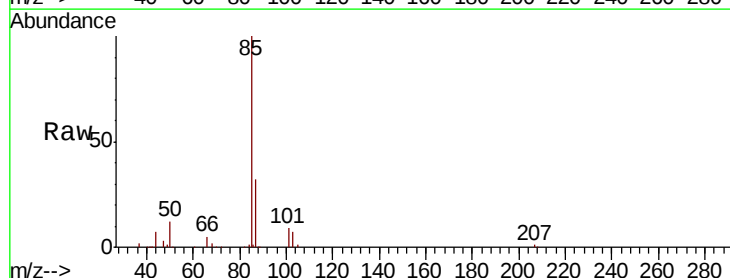
Acq: 04 Nov 2020 12:02

Tgt Ion: 85 Resp: 40050

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003506.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003506.D (-1) (-)

1.91

30000

25000

20000

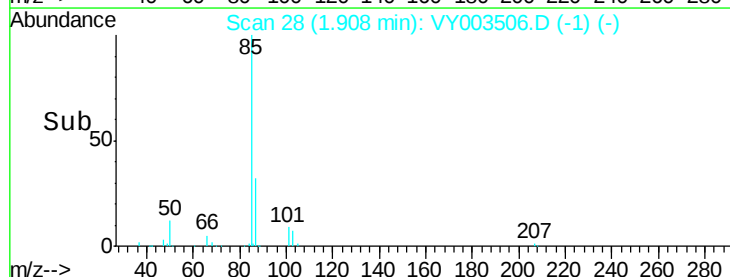
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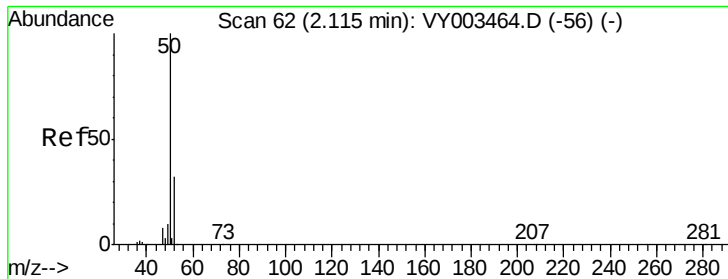
10000

5000

0

Time-->





#3

Chloromethane

Concen: 21.355 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 50 Resp: 51876

Ion Ratio Lower Upper

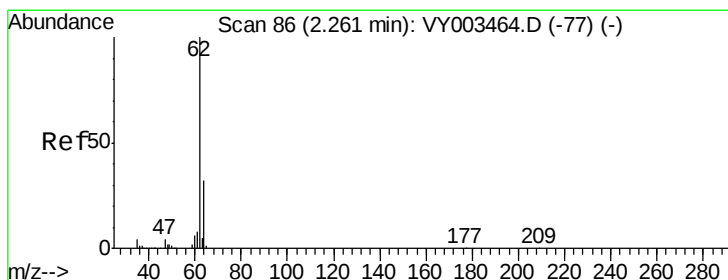
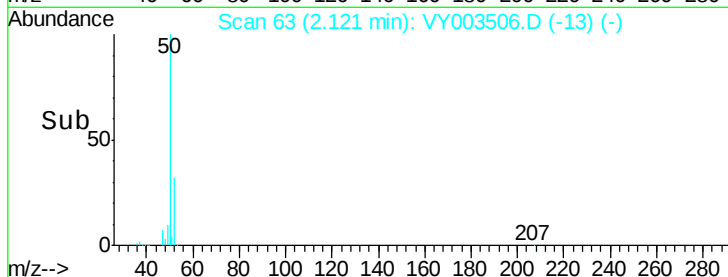
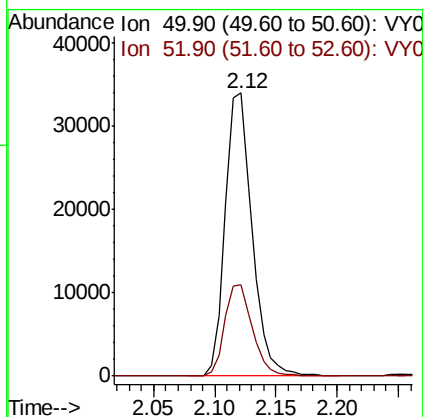
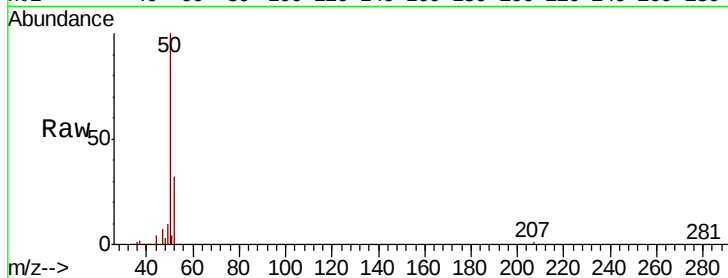
50 100

52 32.4 25.6 38.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.100 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003506.D

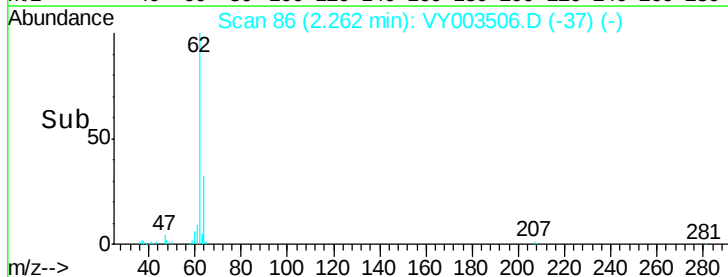
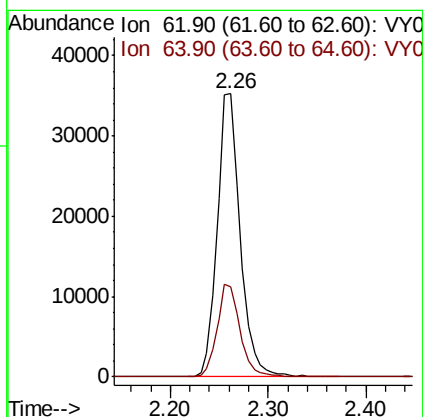
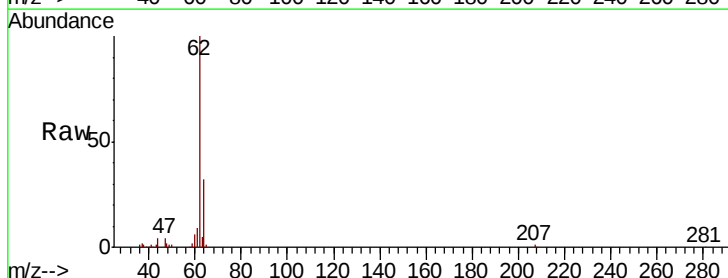
Acq: 04 Nov 2020 12:02

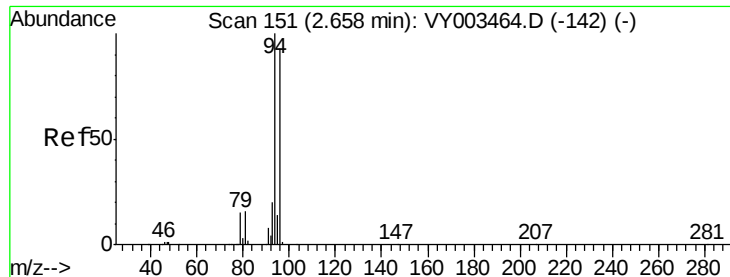
Tgt Ion: 62 Resp: 57535

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 19.382 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 94 Resp: 44157

Ion Ratio Lower Upper

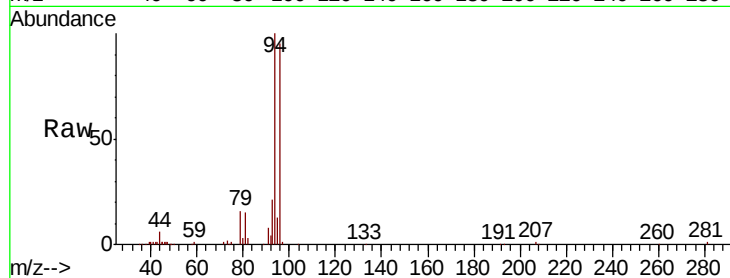
94 100

96 95.1 74.6 112.0

Manual Integrations
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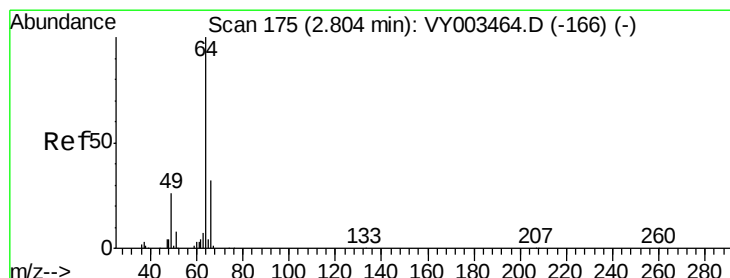
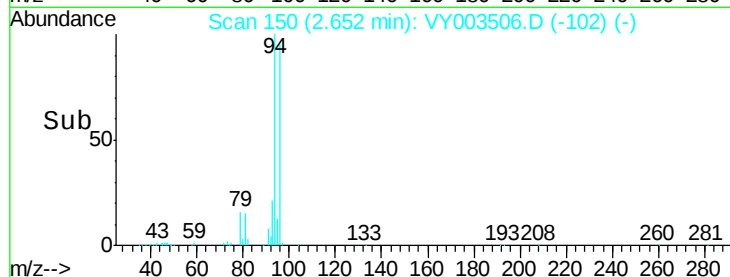
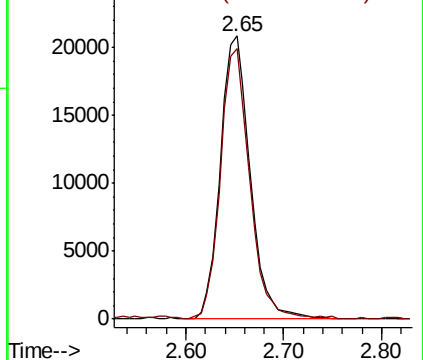
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.092 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003506.D

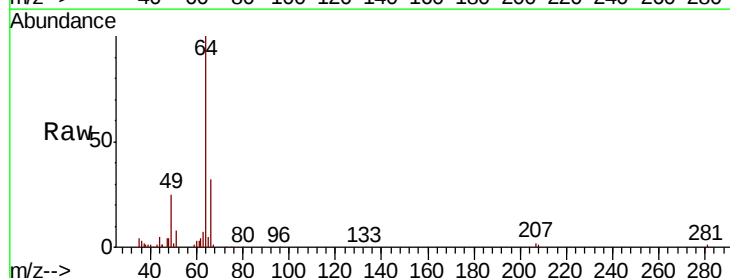
Acq: 04 Nov 2020 12:02

Tgt Ion: 64 Resp: 34280

Ion Ratio Lower Upper

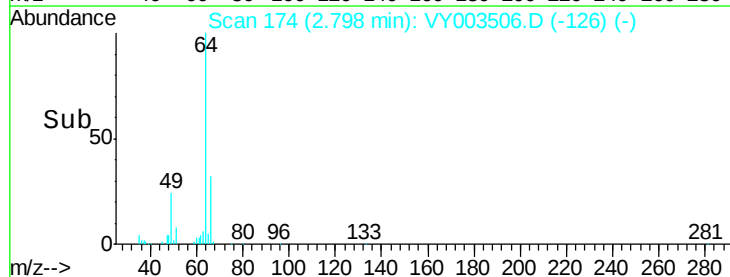
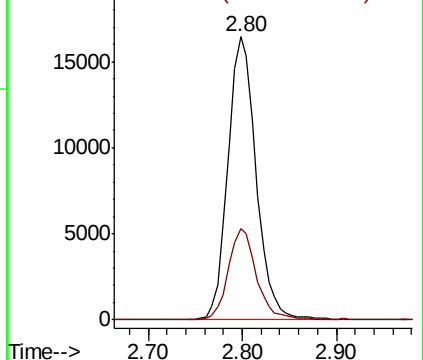
64 100

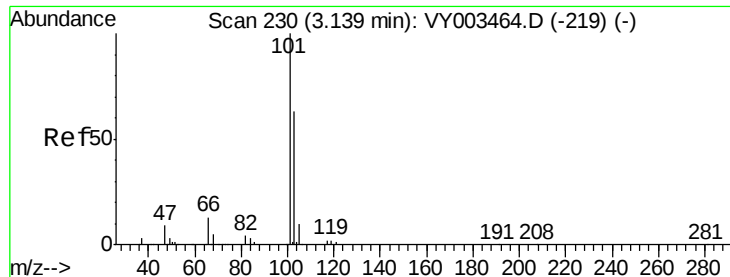
66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

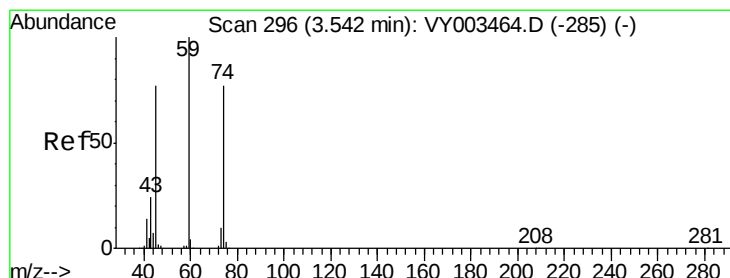
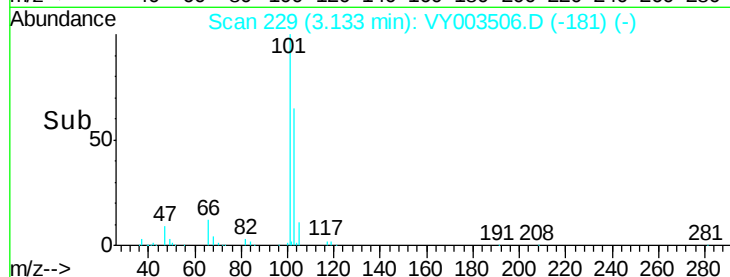
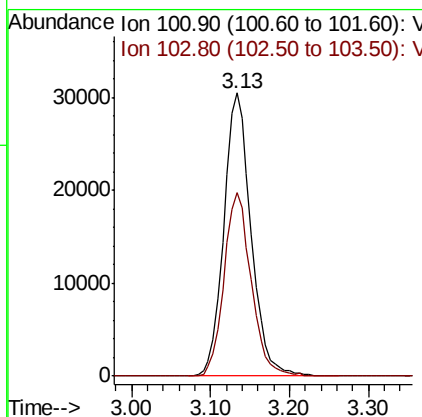
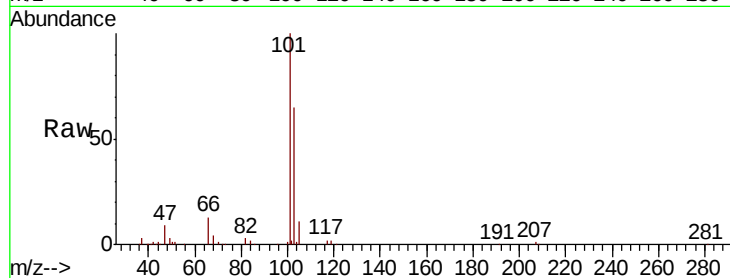
Trichlorofluoromethane
Concen: 21.095 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.7	76.1

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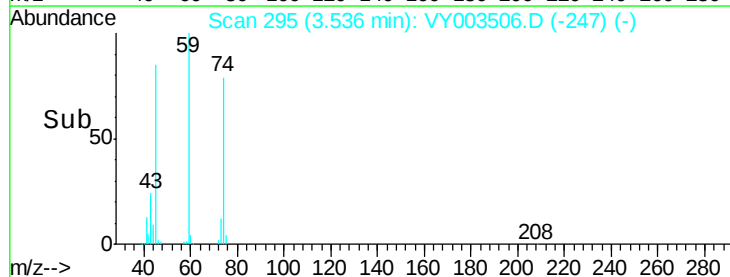
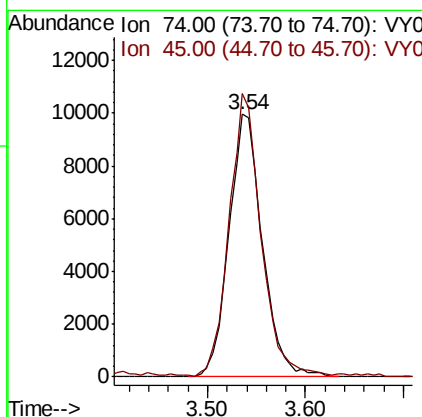
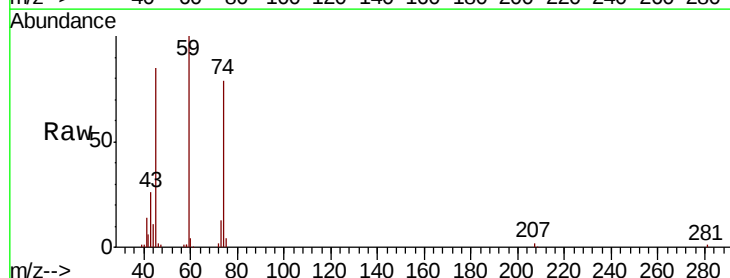
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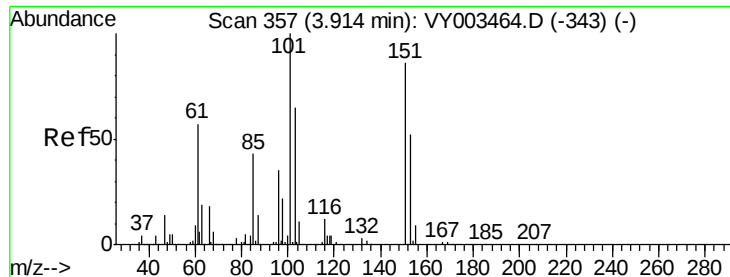


#8

Diethyl Ether
Concen: 22.232 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.898 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

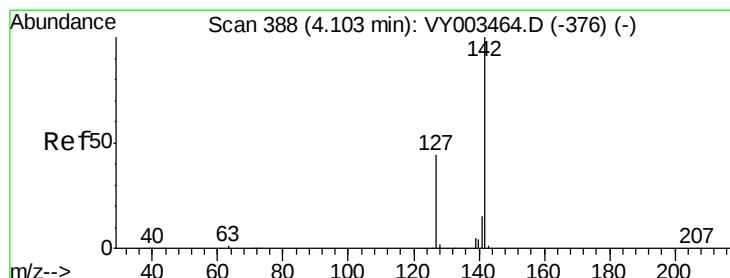
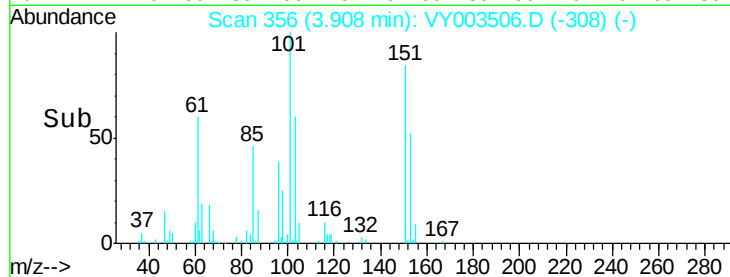
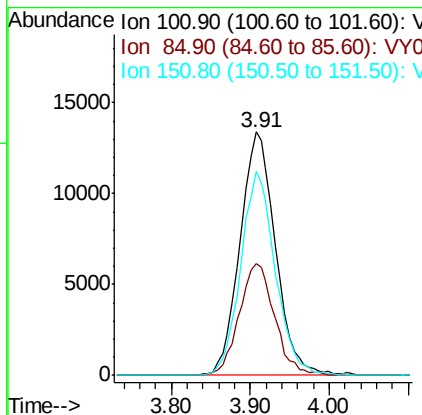
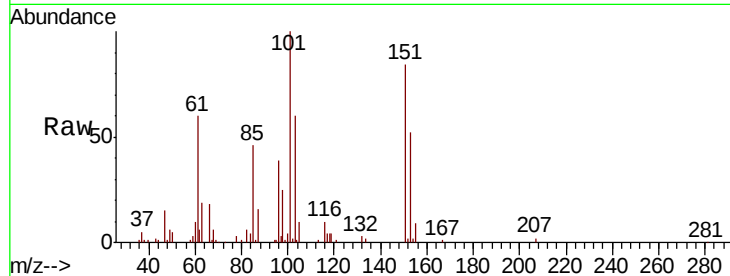
ClientSampleId :

VY1104SBS01

Tot Ion:	101	Resp:	41891
Ion Ratio	Lower	Upper	
101	100		
85	45.5	35.8	53.8
151	81.8	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 22.031 ug/l

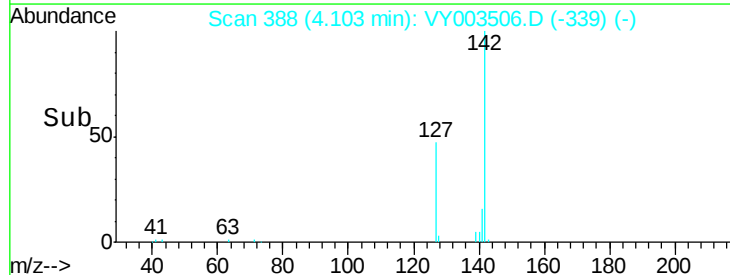
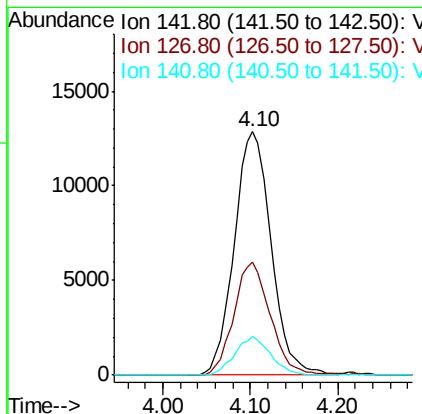
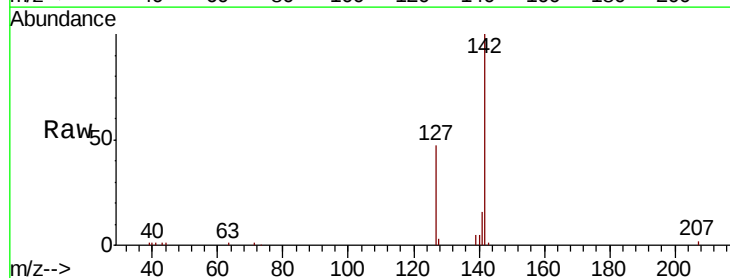
RT: 4.10 min Scan# 388

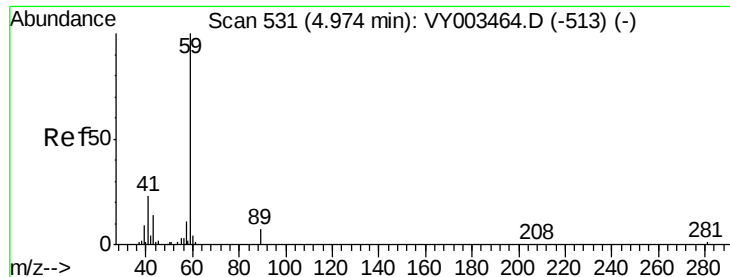
Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tgt Ion:	142	Resp:	37687
Ion Ratio	Lower	Upper	
142	100		
127	46.1	34.5	51.7
141	15.1	11.8	17.8





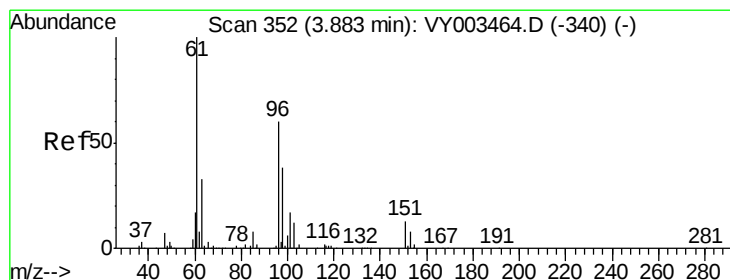
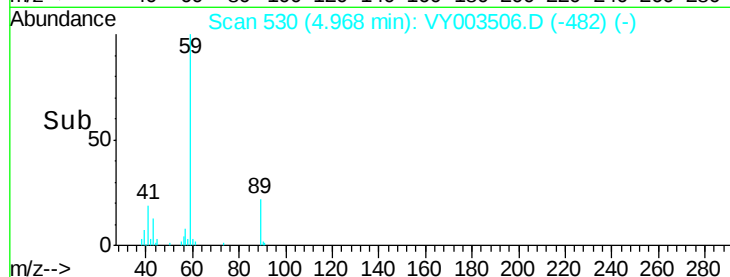
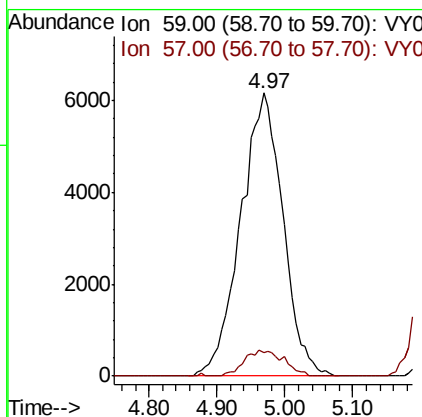
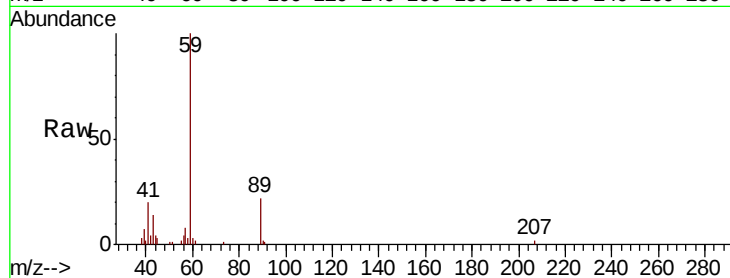
#11
Tert butyl alcohol
Concen: 99.679 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.5	7.9	11.9

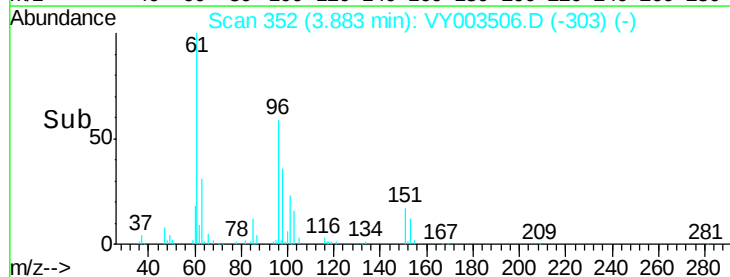
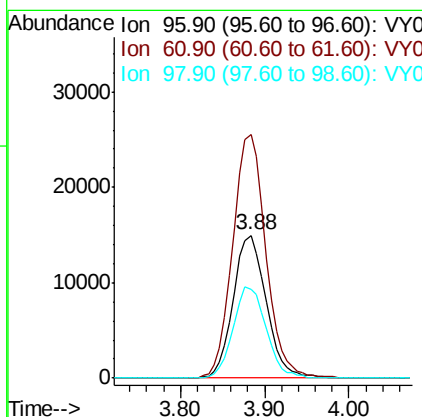
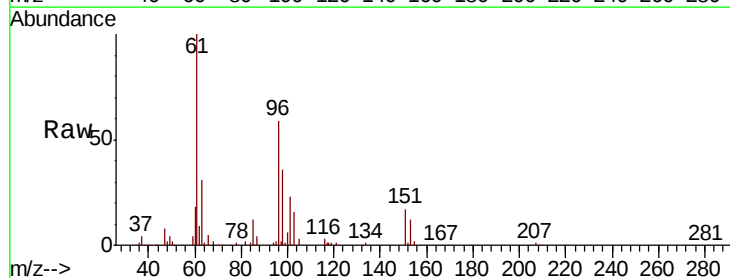
Manual Integrations
APPROVED

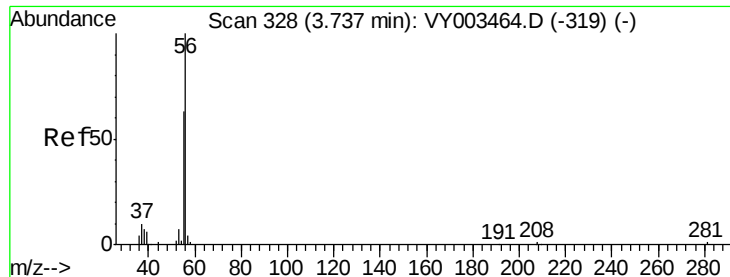
MMDadoda
11/5/2020 7:01:51 PM



#12
1,1-Dichloroethene
Concen: 20.867 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.6	133.6	200.4
98	61.8	50.2	75.2





#13

Acrolein

Concen: 96.386 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 56 Resp: 19125

Ion Ratio Lower Upper

56 100

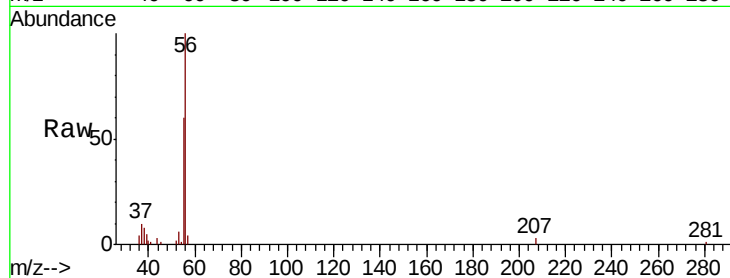
55 69.7 56.6 85.0

Manual Integrations

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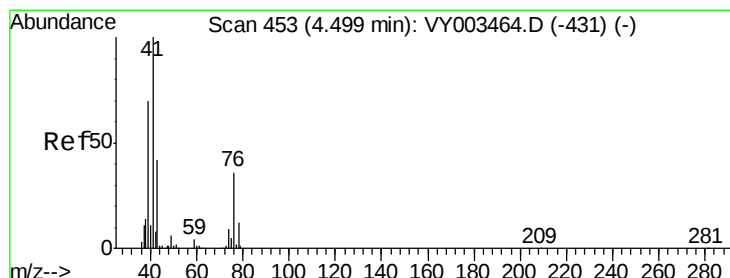
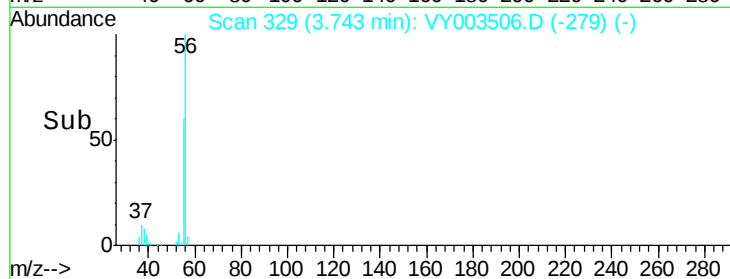
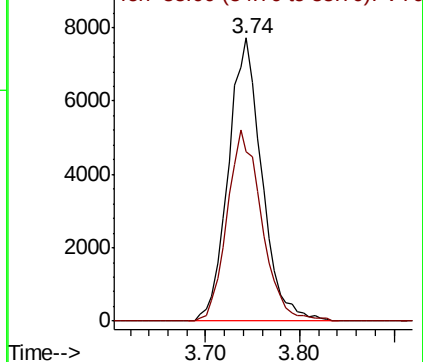
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.273 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

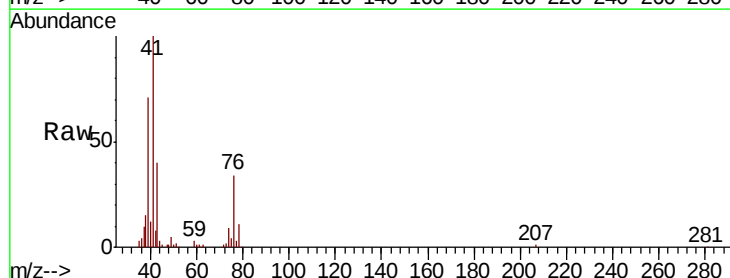
Tgt Ion: 41 Resp: 73869

Ion Ratio Lower Upper

41 100

39 68.2 54.4 81.6

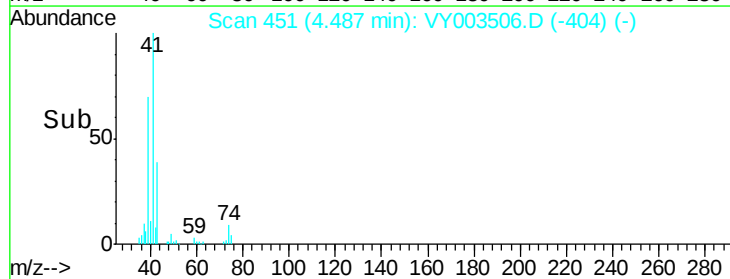
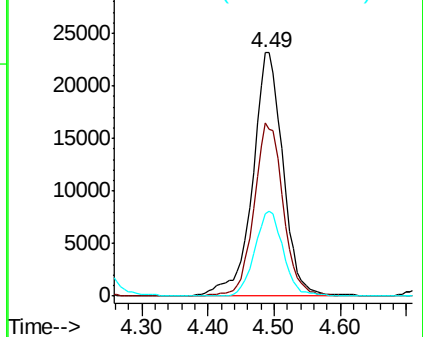
76 32.8 27.6 41.4

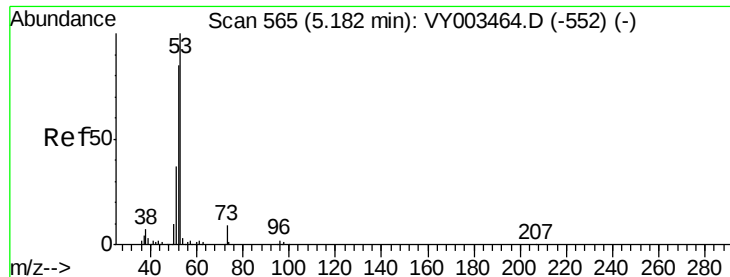


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





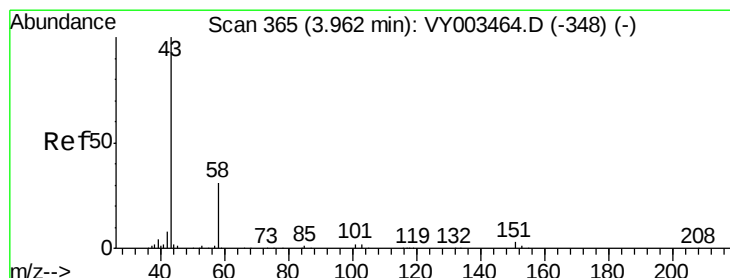
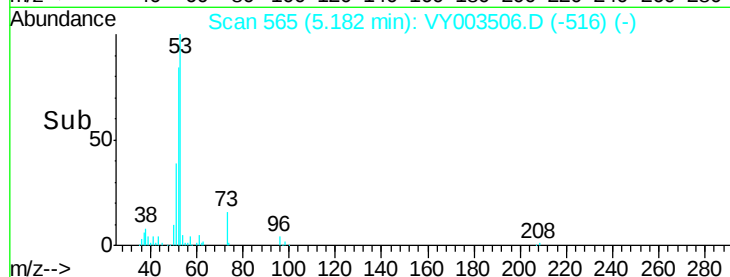
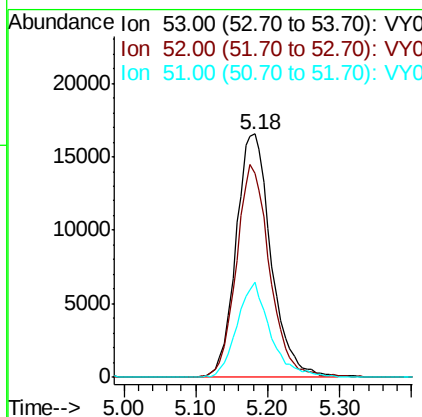
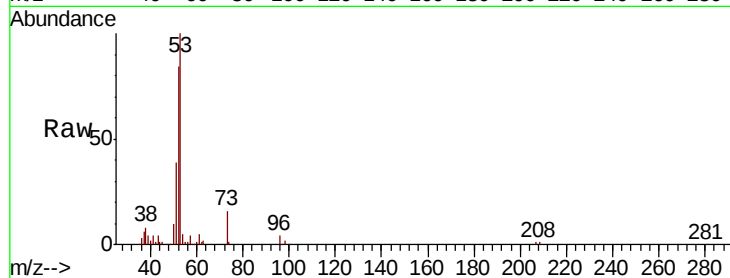
#15
Acrylonitrile
Concen: 98.704 ug/l
RT: 5.18 min Scan# 565
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion:	53	Resp:	55922
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.9	100.3
51	37.2	29.3	43.9

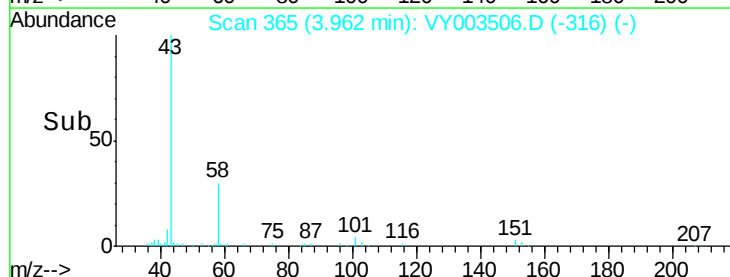
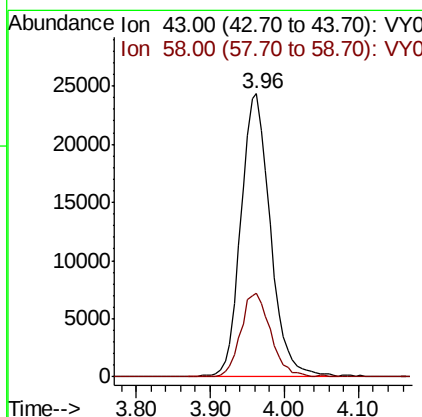
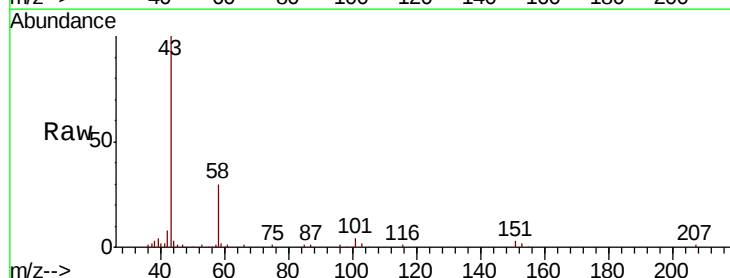
Manual Integrations
APPROVED

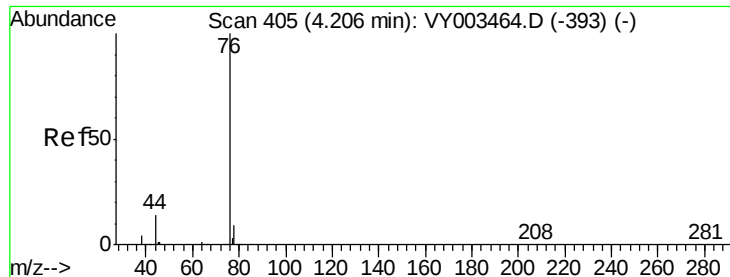
MMDadoda
11/5/2020 7:01:51 PM



#16
Acetone
Concen: 86.031 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion:	43	Resp:	67855
Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.0	37.4





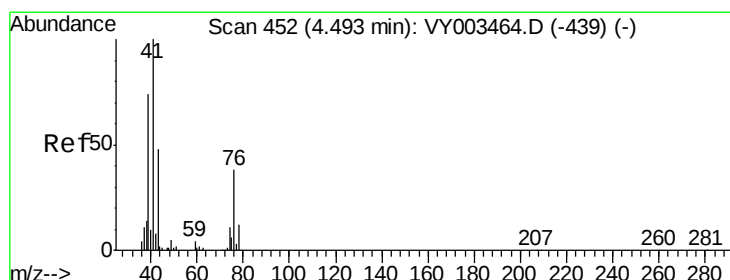
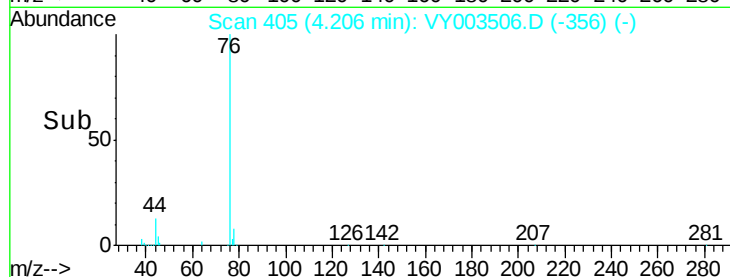
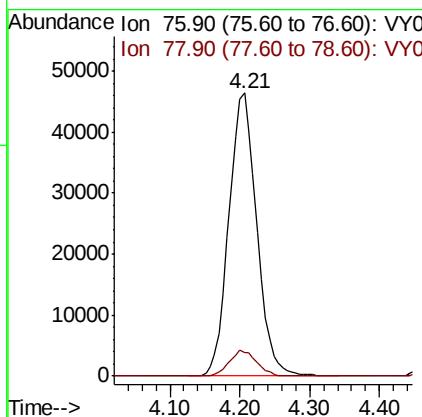
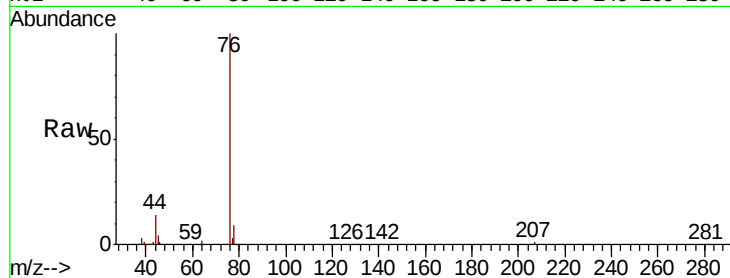
#17
Carbon Disulfide
Concen: 20.812 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.2

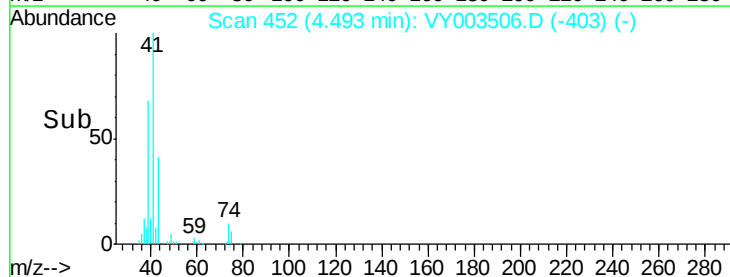
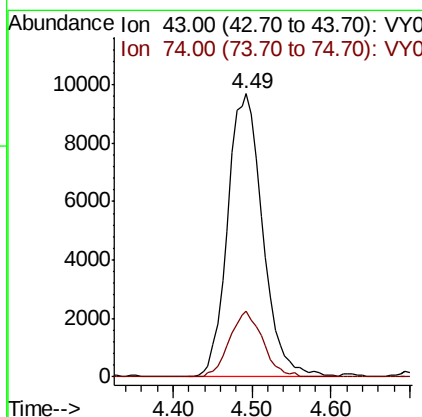
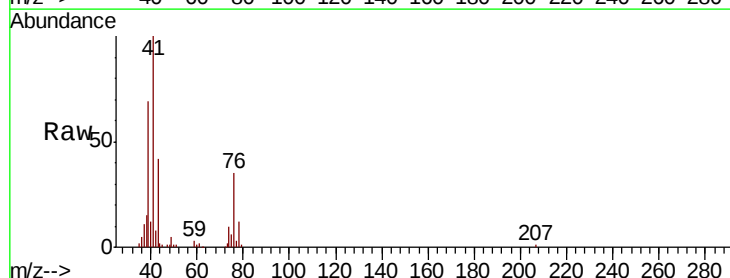
Manual Integrations
APPROVED

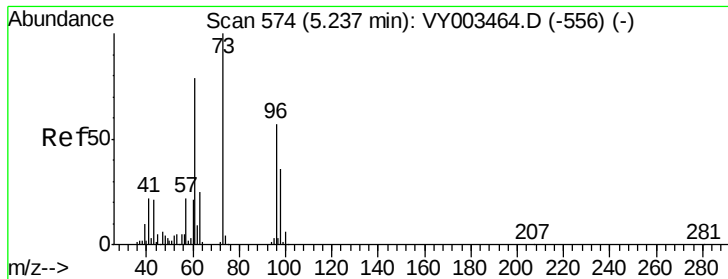
MMDadoda
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#18
Methyl Acetate
Concen: 20.079 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.4	27.6





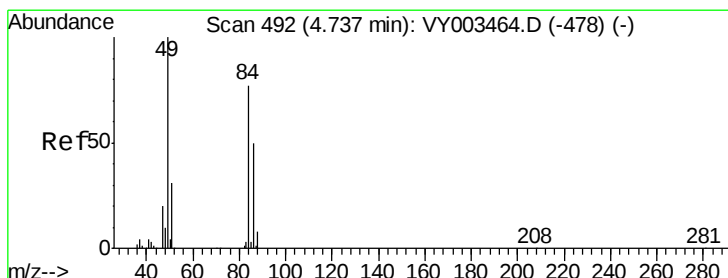
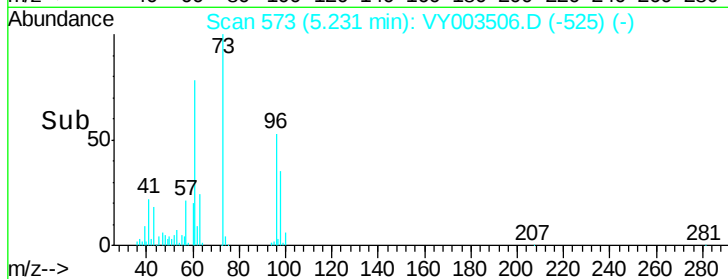
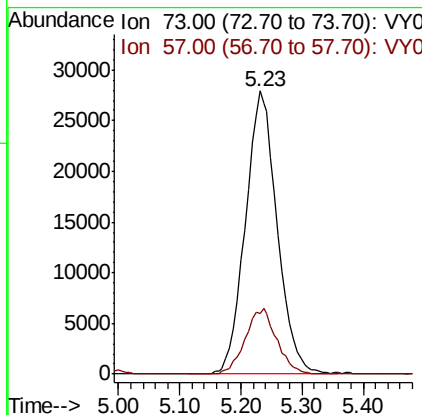
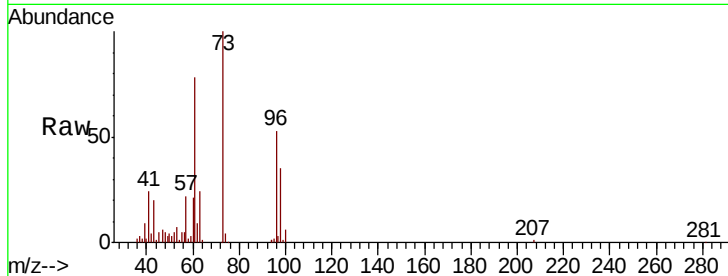
#19
Methvl tert-butvl Ether
Concen: 21.448 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.2	25.8

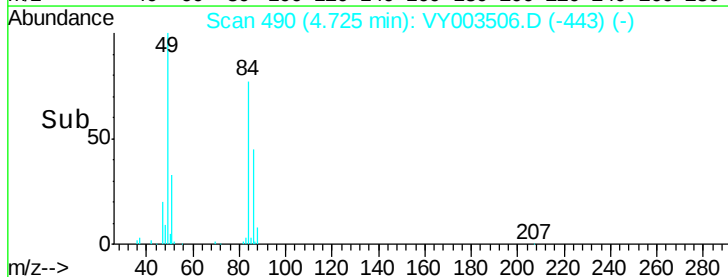
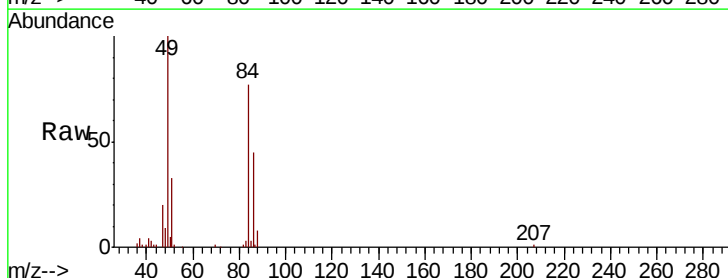
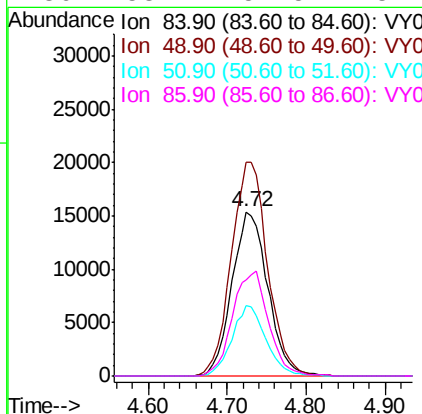
Manual Integrations
APPROVED

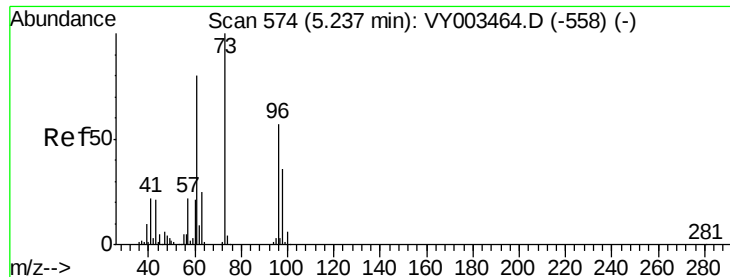
MMDadoda
11/5/2020 7:01:51 PM



#20
Methylene Chloride
Concen: 21.841 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.0	104.3	156.5
51	42.8	32.5	48.7
86	58.2	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 21.264 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

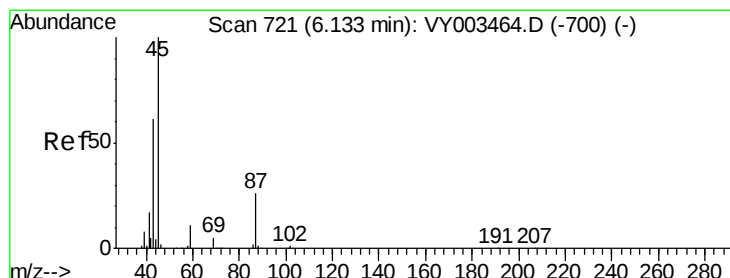
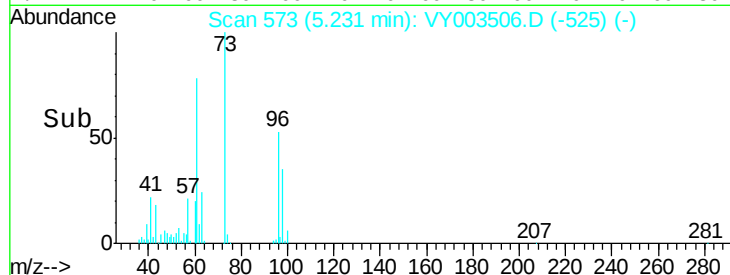
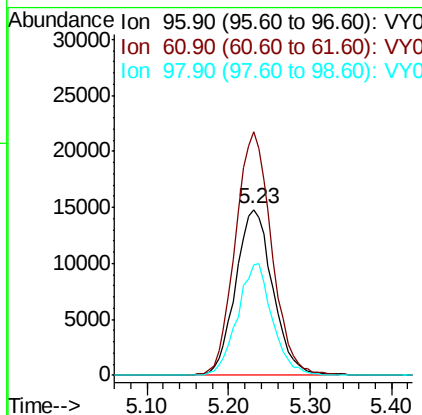
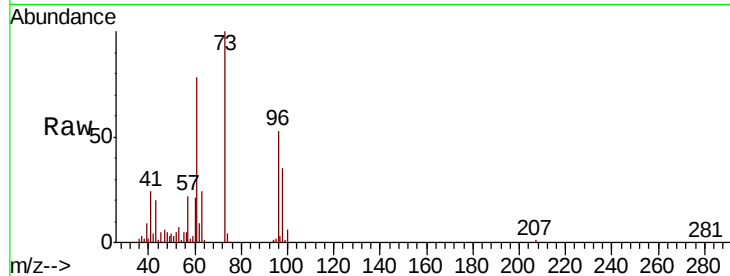
ClientSampleId :

VY1104SBS01

Tot Ion:	96	Resp:	46863
Ion	Ratio	Lower	Upper
96	100		
61	146.8	111.3	166.9
98	66.5	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.622 ug/l

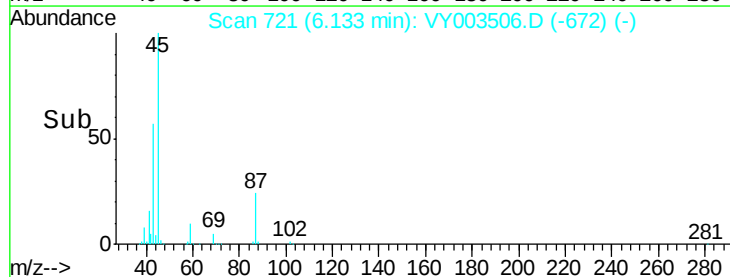
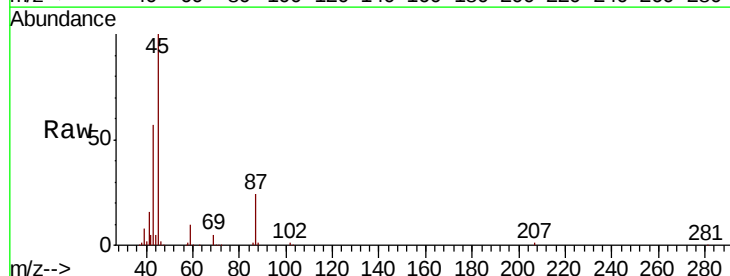
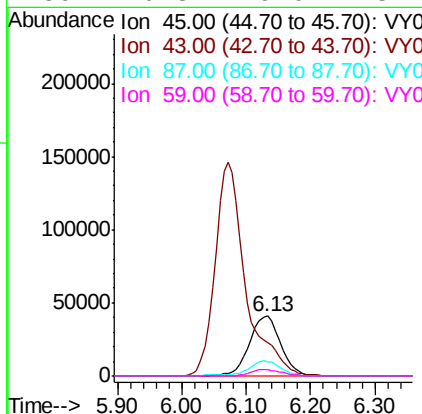
RT: 6.13 min Scan# 721

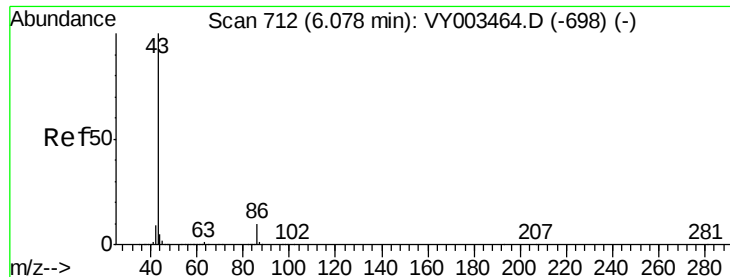
Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tgt Ion:	45	Resp:	137780
Ion	Ratio	Lower	Upper
45	100		
43	55.8	48.8	73.2
87	24.4	20.6	31.0
59	10.3	9.0	13.4





#23

Vinyl Acetate

Concen: 106.160 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tot Ion: 43 Resp: 485880

Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.2

Instrument :

MSVOA_Y

ClientSampleId :

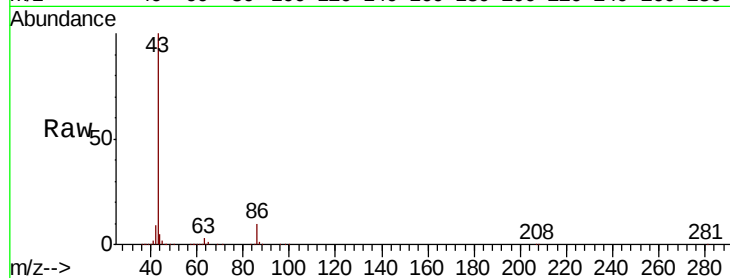
VY1104SBS01

Manual Integrations

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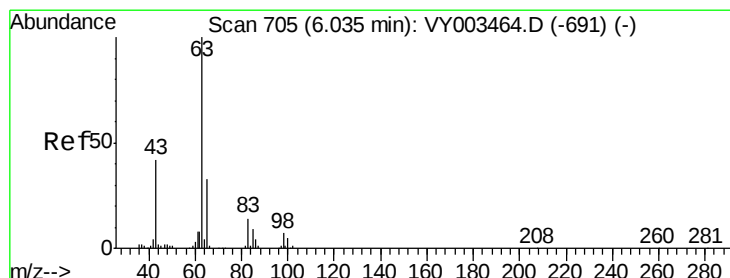
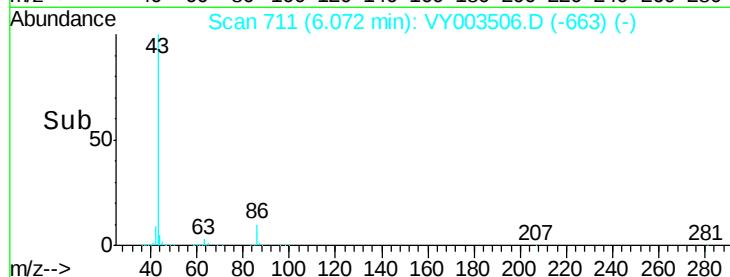
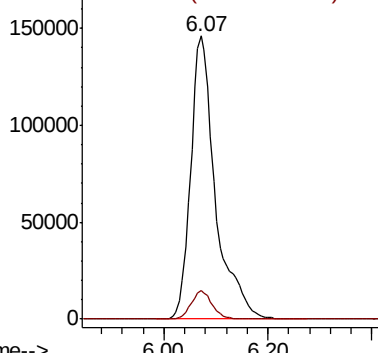
MMDadoda

11/5/2020 7:01:51 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.927 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

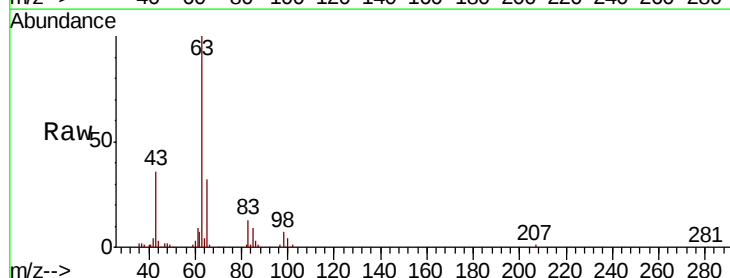
Tgt Ion: 63 Resp: 84864

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

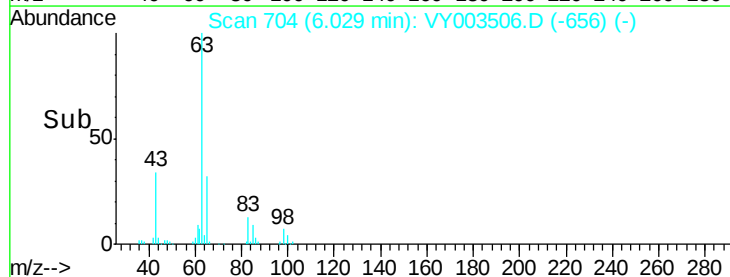
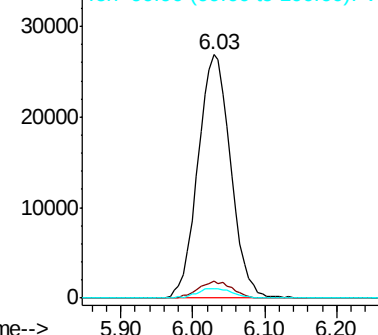
100 4.0 2.3 6.9

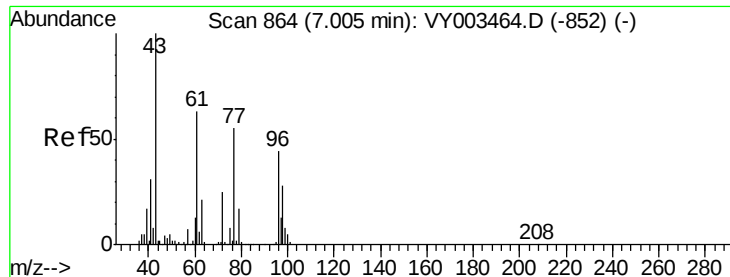


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 92.800 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 43 Resp: 91544

Ion Ratio Lower Upper

43 100

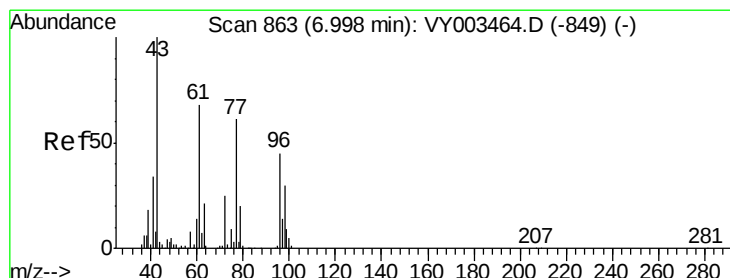
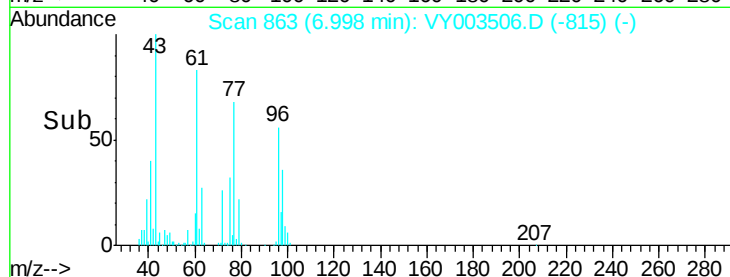
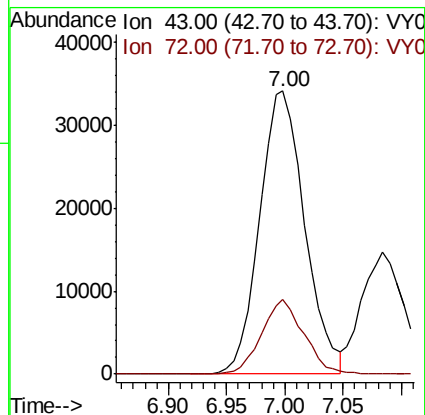
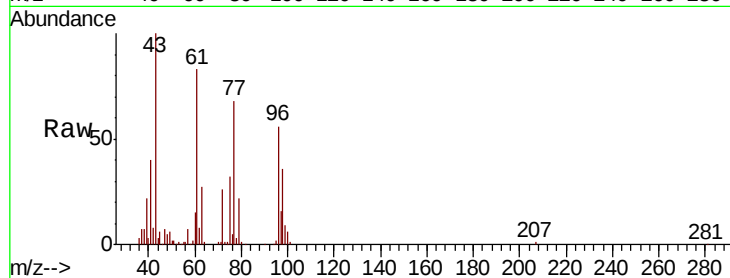
72 26.3 20.1 30.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.147 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003506.D

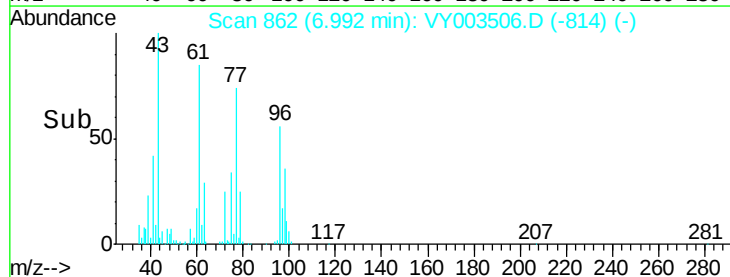
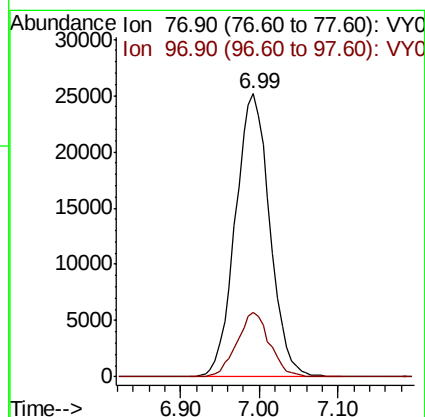
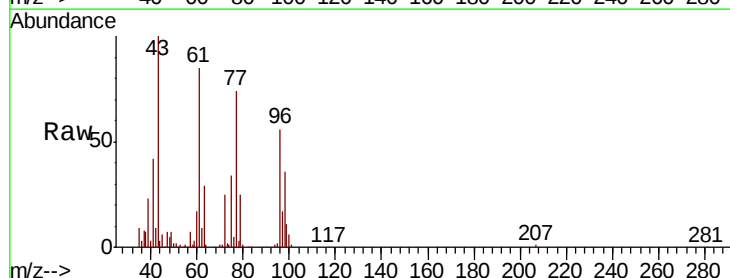
Acq: 04 Nov 2020 12:02

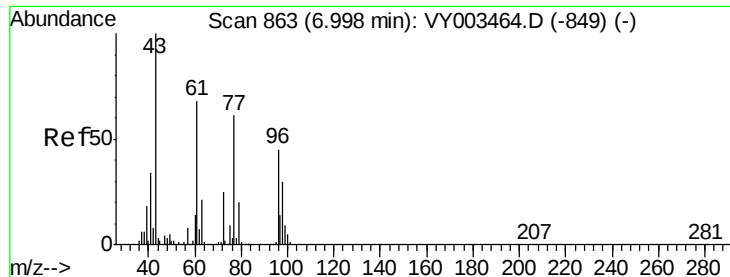
Tgt Ion: 77 Resp: 76251

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.6





#27

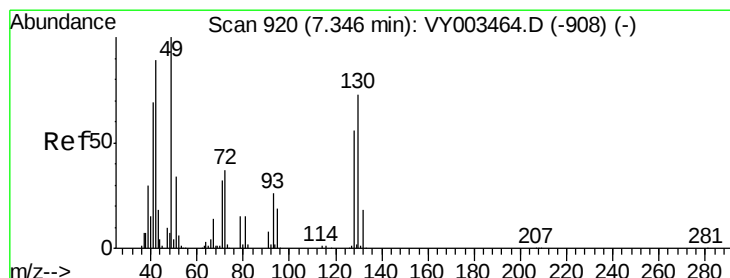
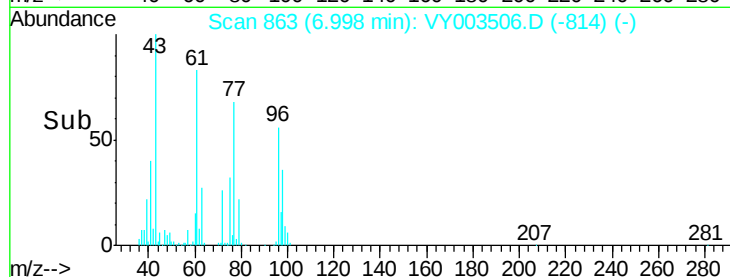
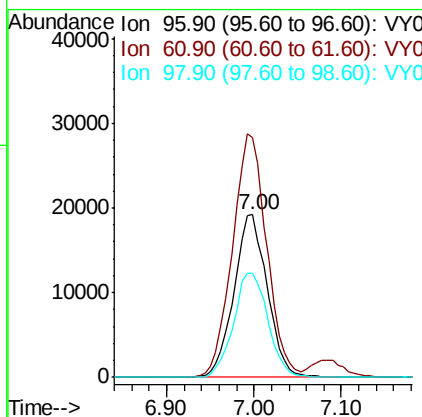
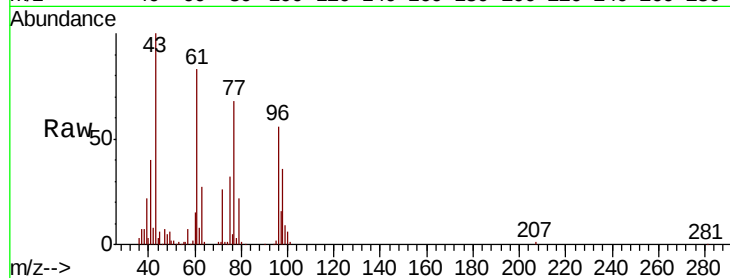
cis-1,2-Dichloroethene
 Concen: 21.345 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	96	Resp	50974
Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	299.2
98	65.9	0.0	128.6

Manual Integrations
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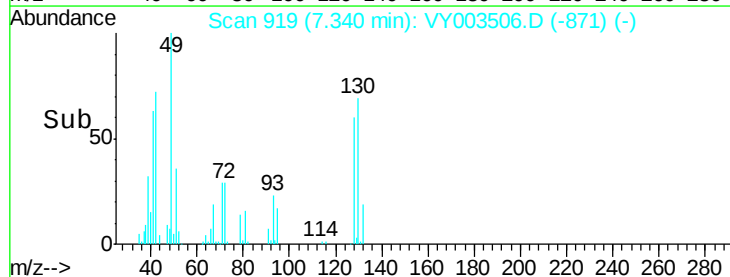
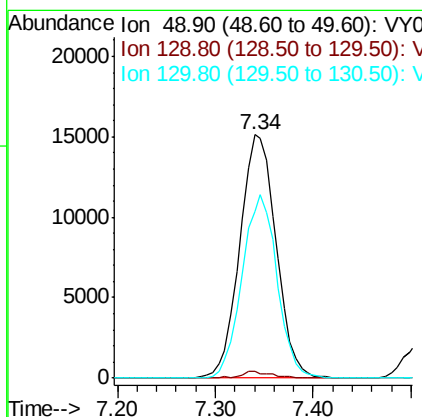
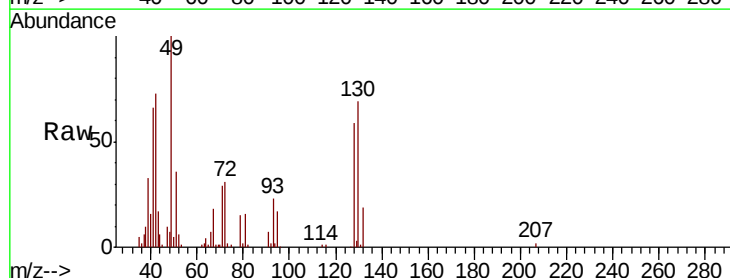
MMDadoda
 11/5/2020 7:01:51 PM

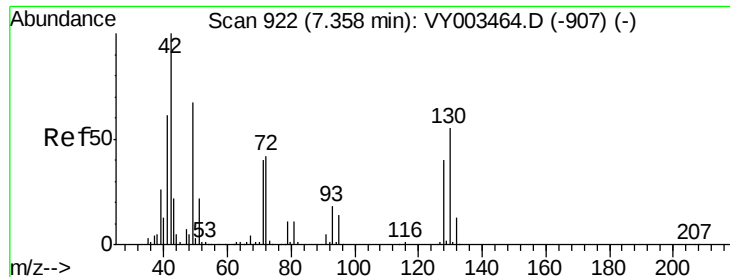


#28

Bromochloromethane
 Concen: 20.070 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	49	Resp	39077
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	72.6	60.0	90.0





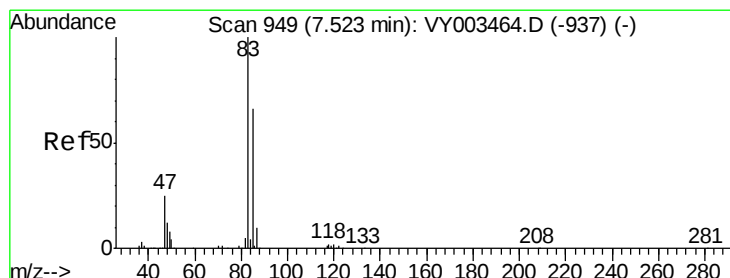
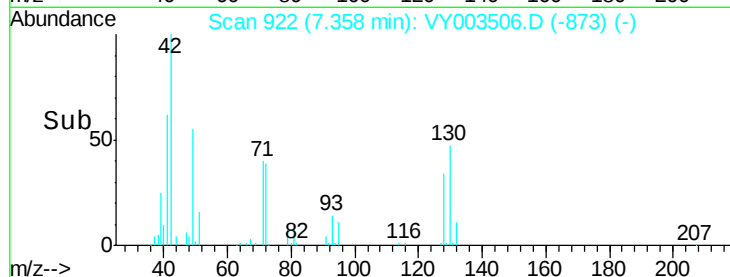
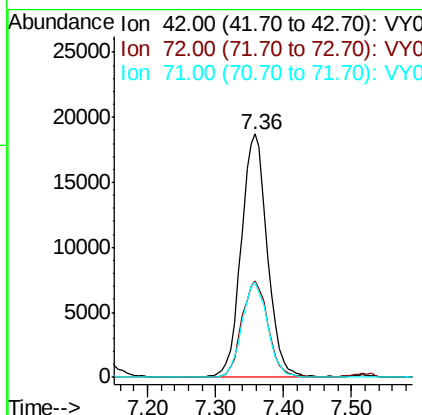
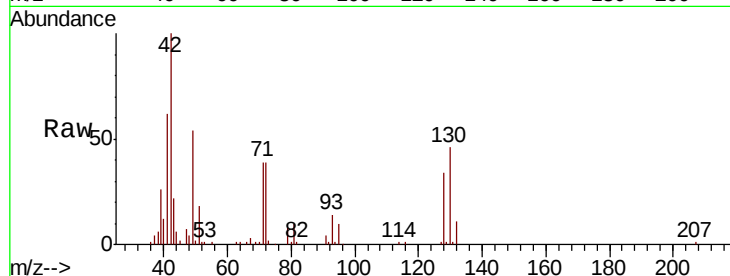
#29
Tetrahydrofuran
Concen: 96.937 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	32.8	49.2
71	38.3	30.7	46.1

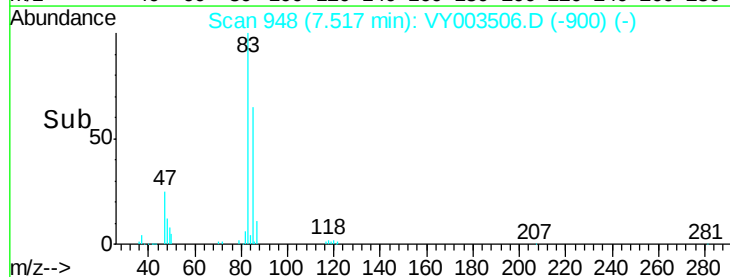
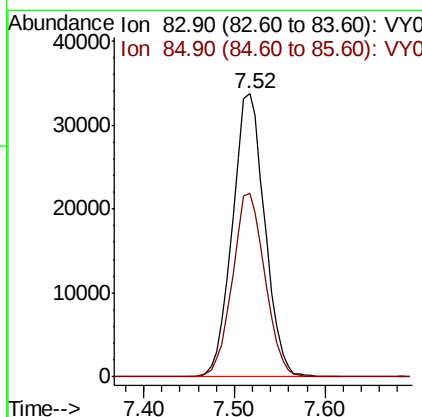
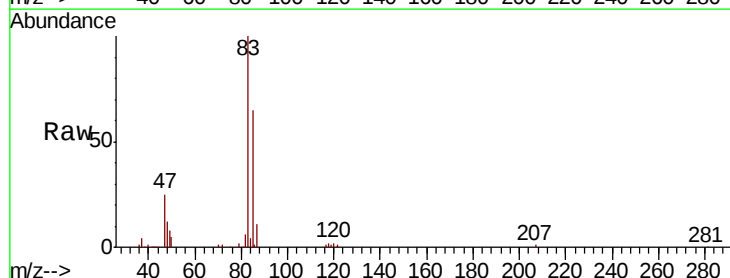
Manual Integrations
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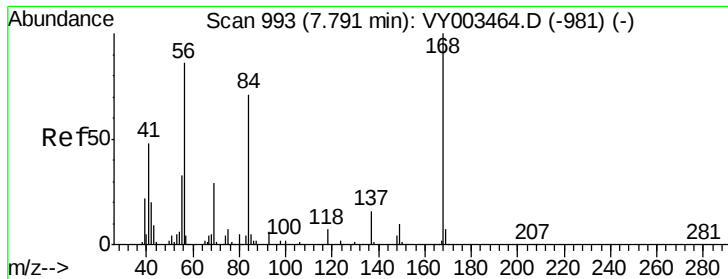
MMDadoda
11/5/2020 7:01:51 PM



#30
Chloroform
Concen: 21.945 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.6	79.0





#31

Cyclohexane

Concen: 21.075 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

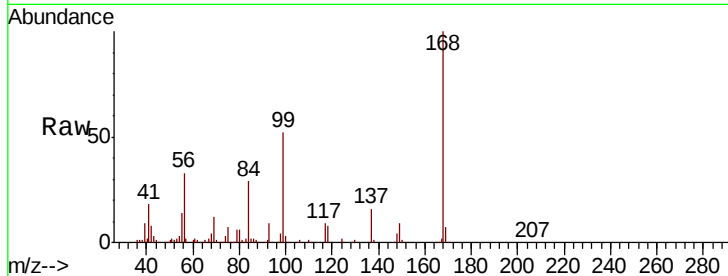
ClientSampleId :

VY1104SBS01

Tot Ion	56	Resp	75526
Ion Ratio	Lower	Upper	
56	100		
69	37.6	26.6	39.8
84	88.1	65.9	98.9

Manual Integrations
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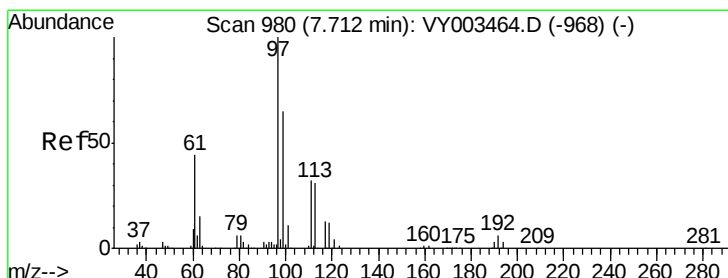
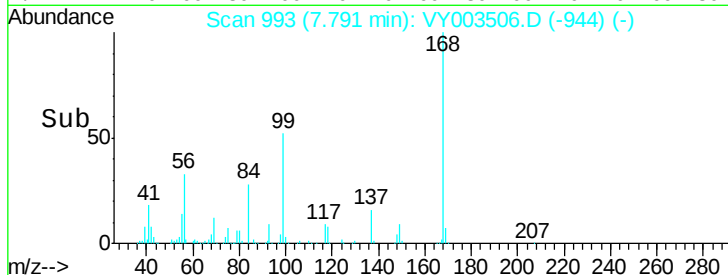
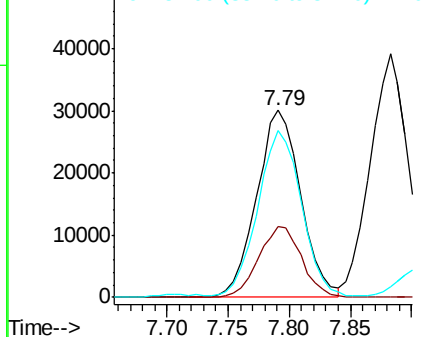


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.708 ug/l

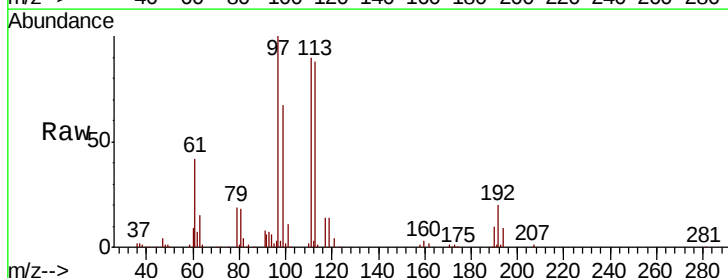
RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tgt Ion	97	Resp	76984
Ion Ratio	Lower	Upper	
97	100		
99	63.4	51.6	77.4
61	43.6	35.1	52.7

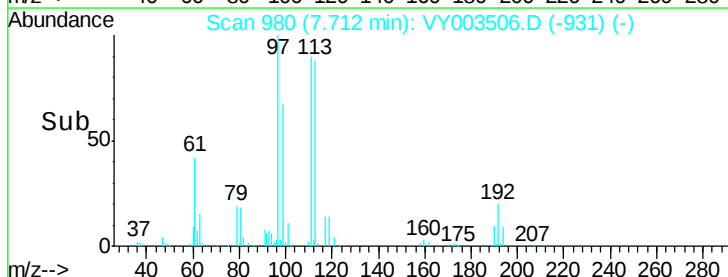
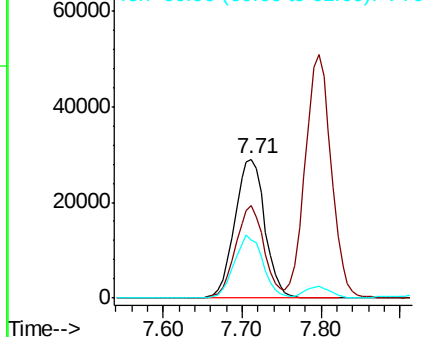


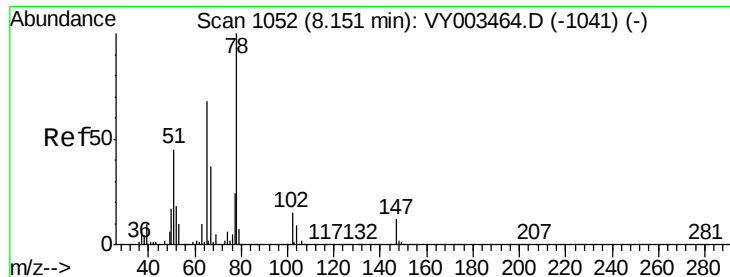
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





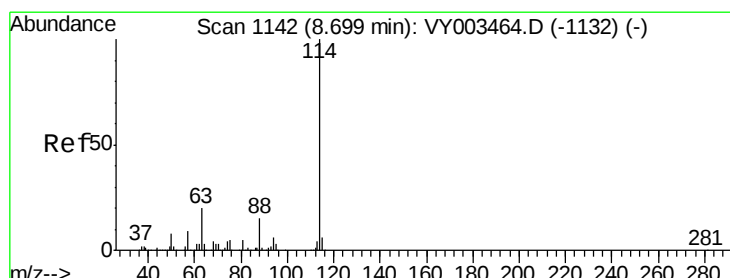
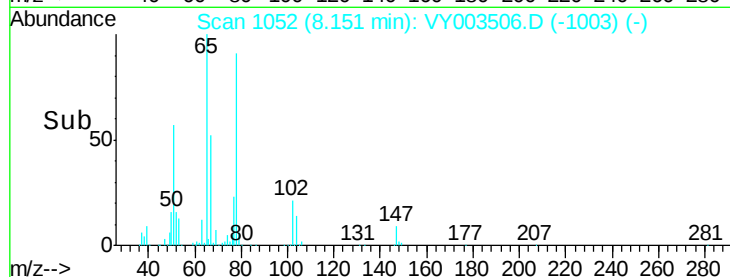
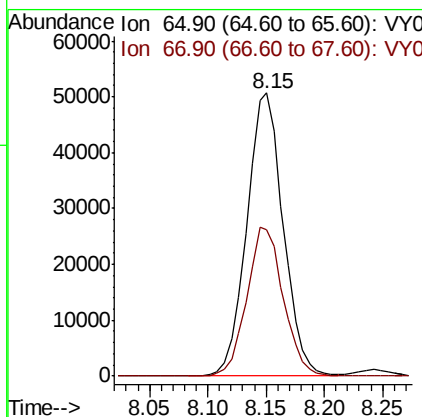
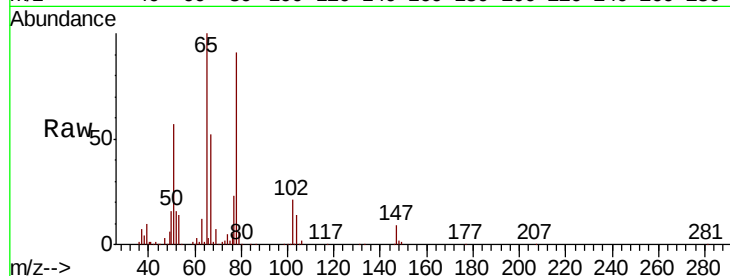
#33
 1,2-Dichloroethane-d4
 Concen: 46.071 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.7	0.0	110151	106.0

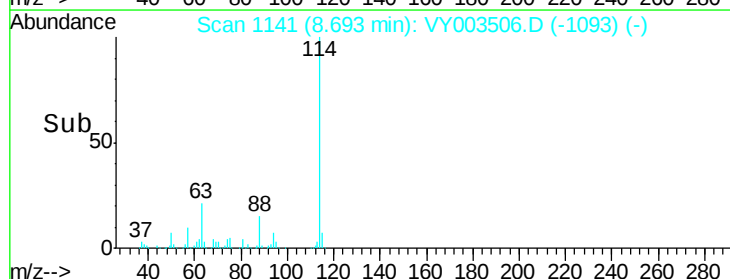
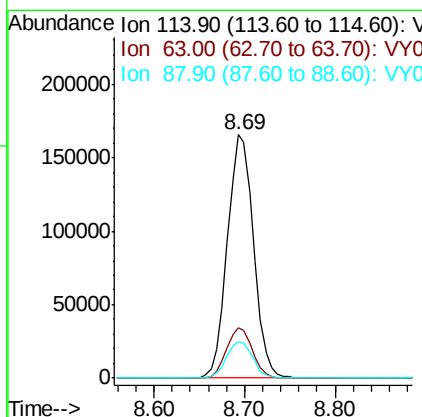
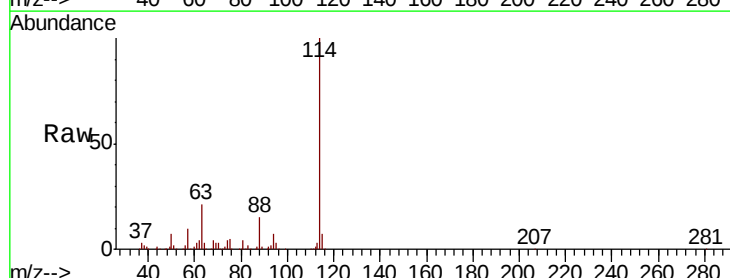
Manual Integrations
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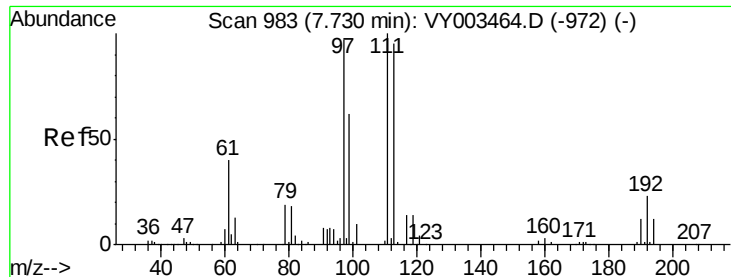
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.9	0.0	332244	40.6
88	15.1	0.0	29.4	





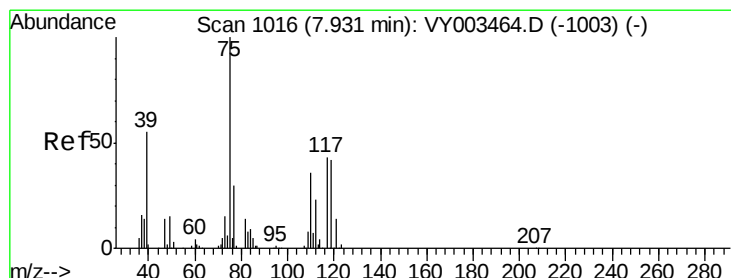
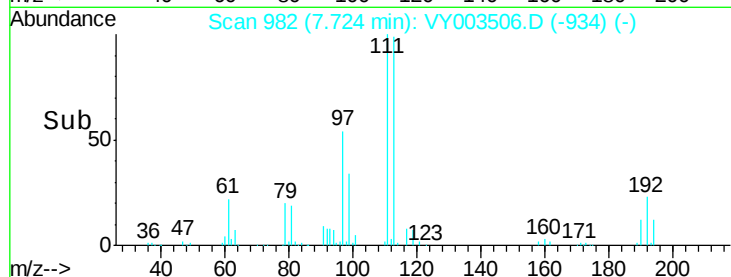
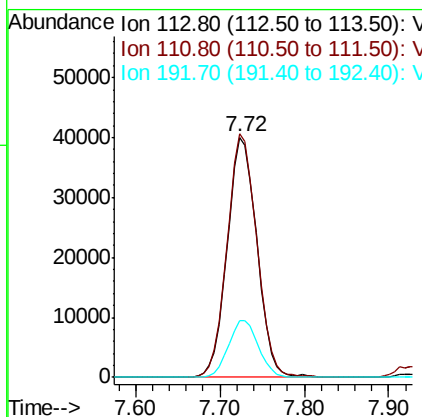
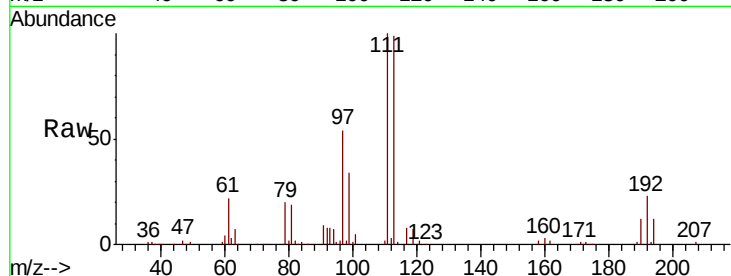
#35
 Dibromofluoromethane
 Concen: 47.278 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	23.8	18.8	28.2

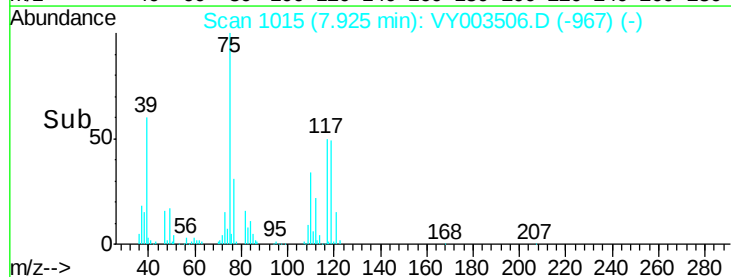
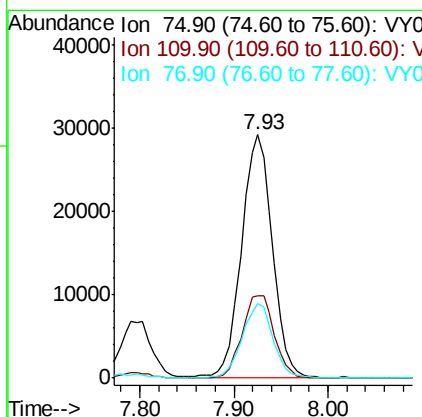
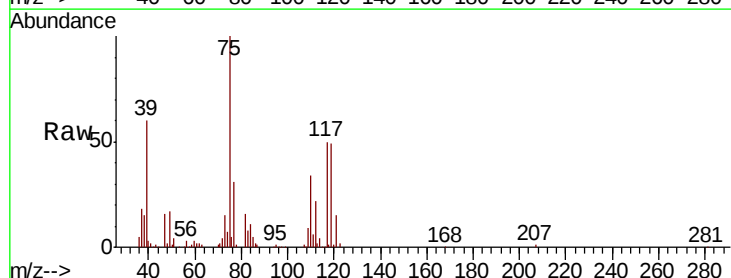
Manual Integrations
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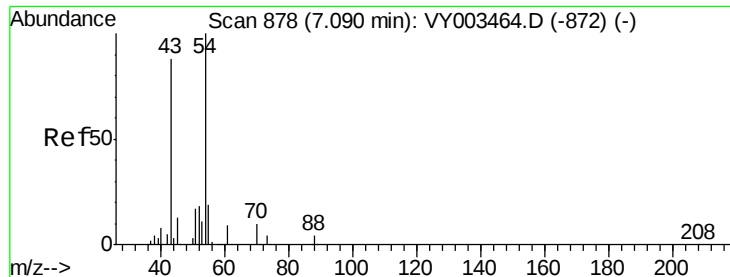
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#36
 1,1-Dichloropropene
 Concen: 21.258 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.6	52.9
77	30.8	24.7	37.1





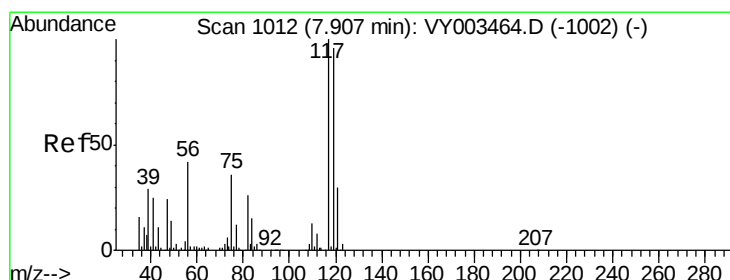
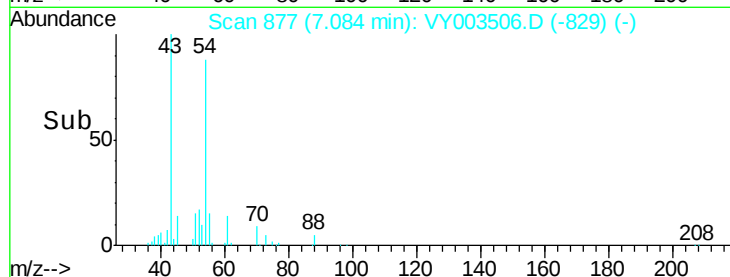
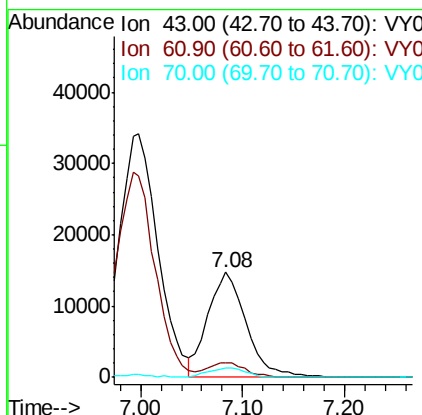
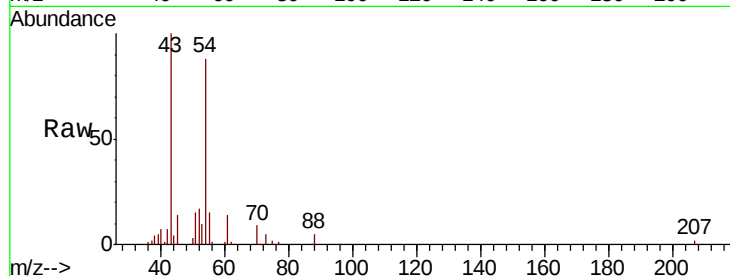
#37
Ethyl Acetate
Concen: 19.788 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	43	Resp	38492
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.6
70	8.9	7.9	11.9

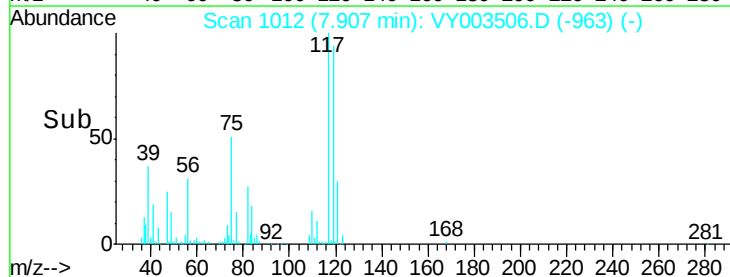
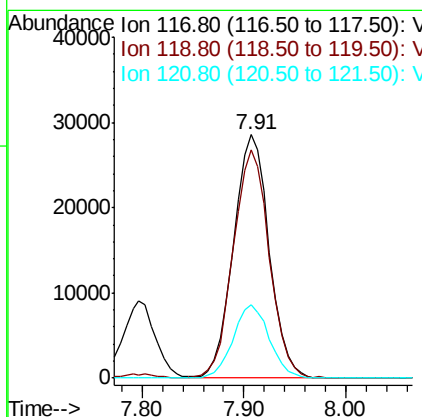
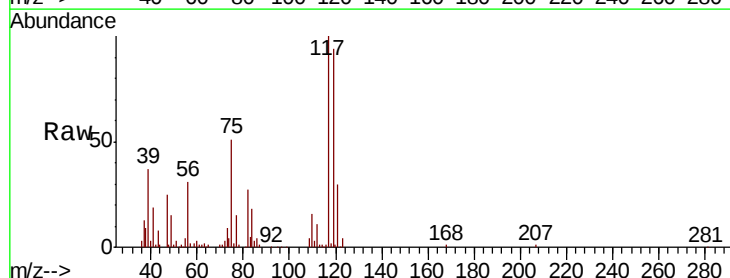
Manual Integrations
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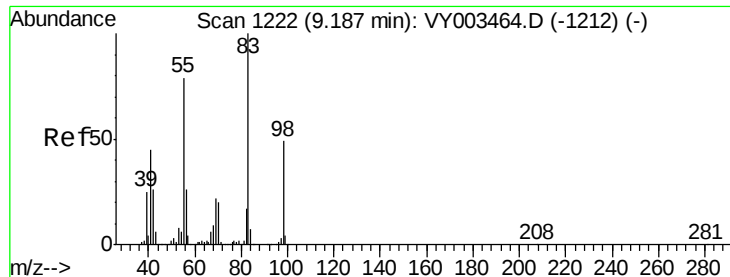
MMDadoda
11/5/2020 7:01:51 PM



#38
Carbon Tetrachloride
Concen: 21.329 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	117	Resp	69315
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.2	114.4
121	30.2	24.2	36.4





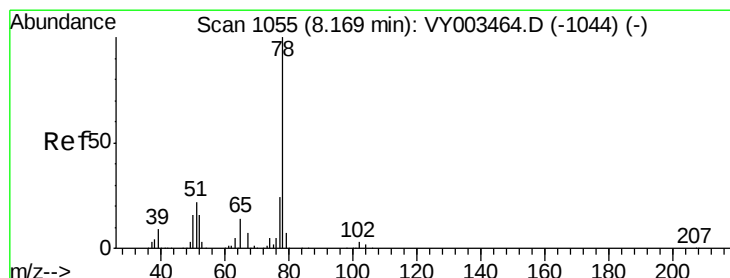
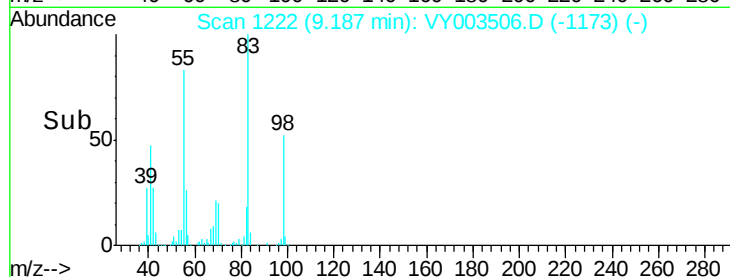
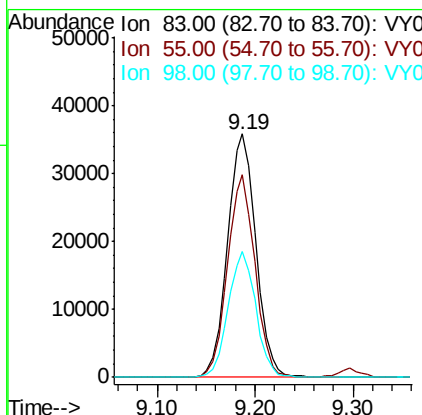
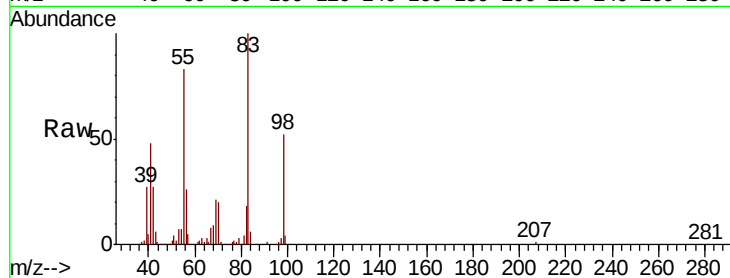
#39
Methvlcvclohexane
Concen: 20.668 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.4	63.5	95.3
98	51.8	39.4	59.2

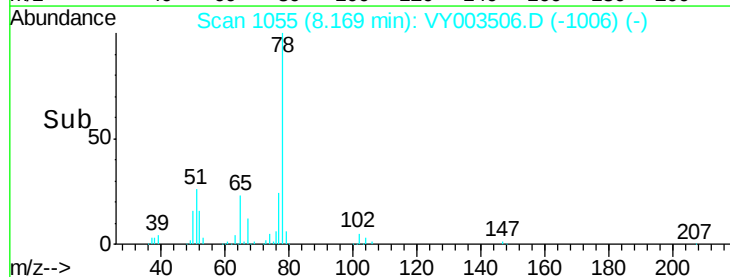
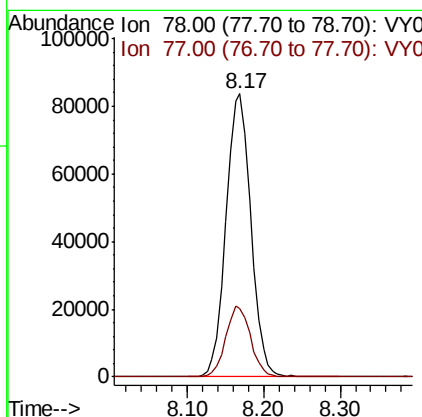
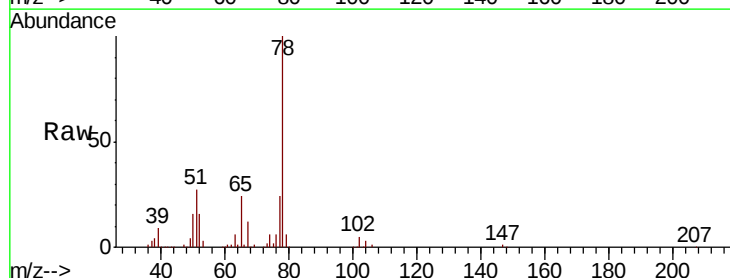
Manual Integrations
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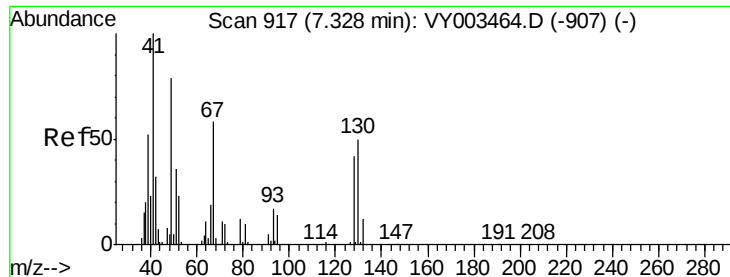
MMDadoda
11/5/2020 7:01:51 PM



#40
Benzene
Concen: 21.558 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





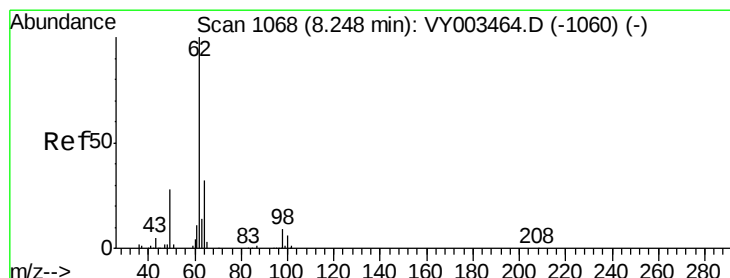
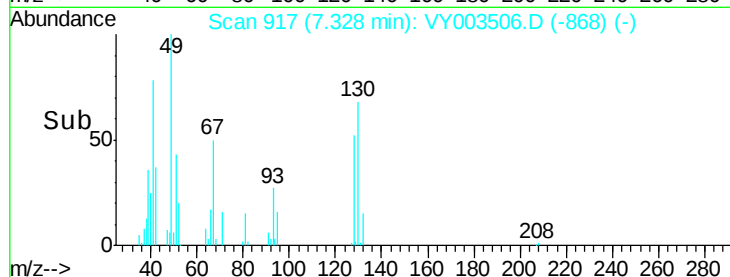
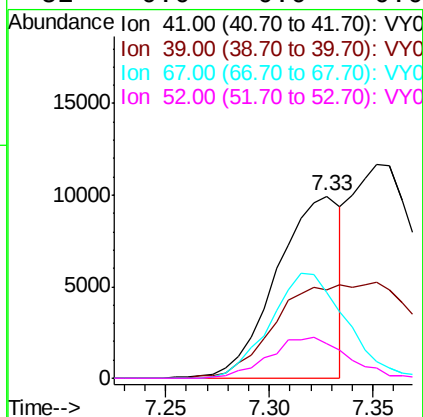
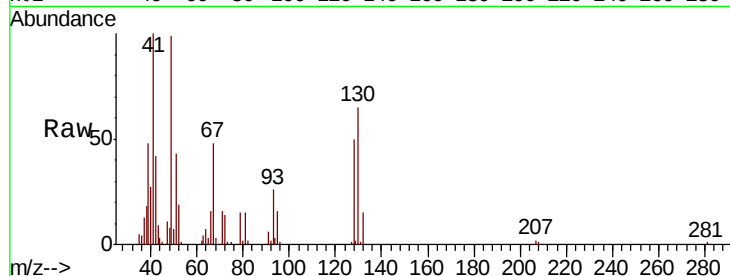
#41
Methacrylonitrile
Concen: 20.806 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	111.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

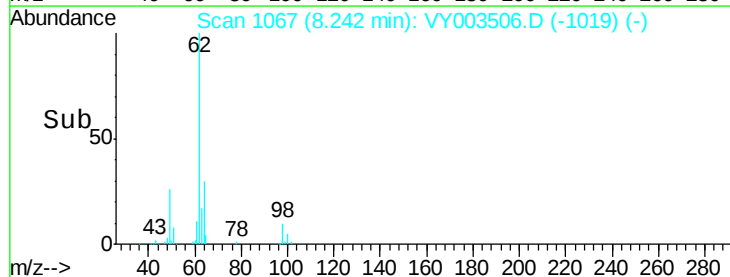
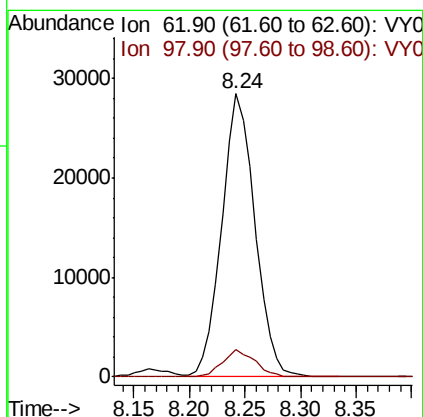
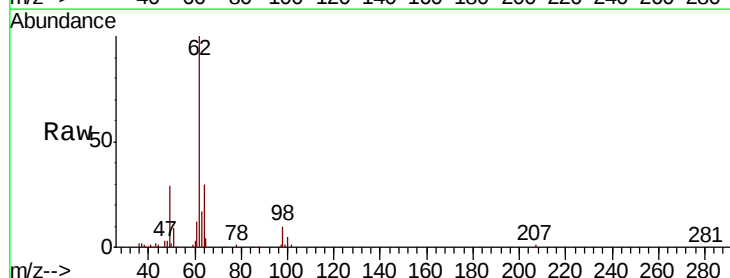
Manual Integrations
APPROVED

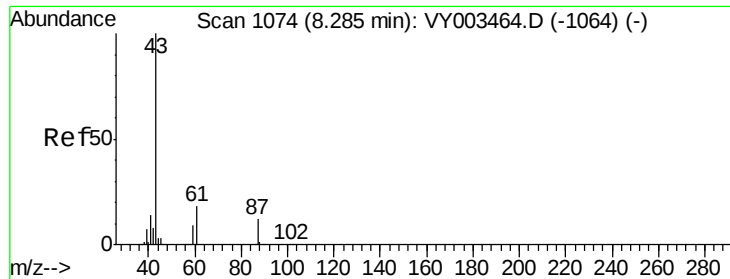
MMDadoda
11/5/2020 7:01:51 PM



#42
1,2-Dichloroethane
Concen: 21.608 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





#43

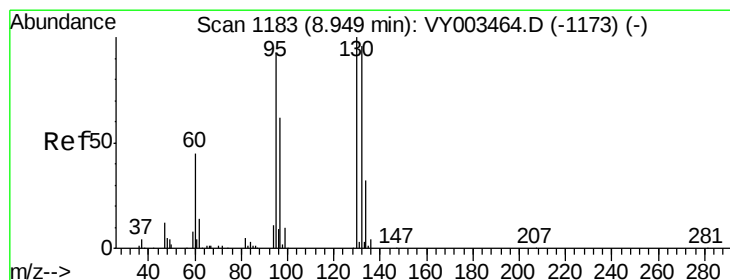
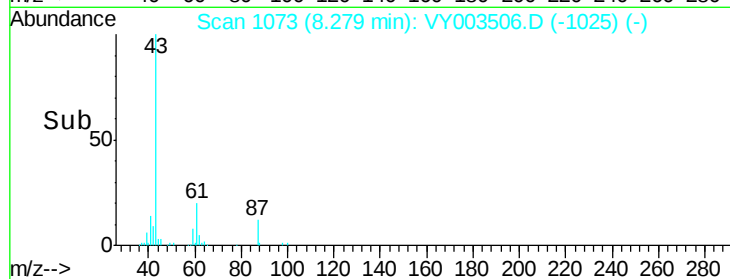
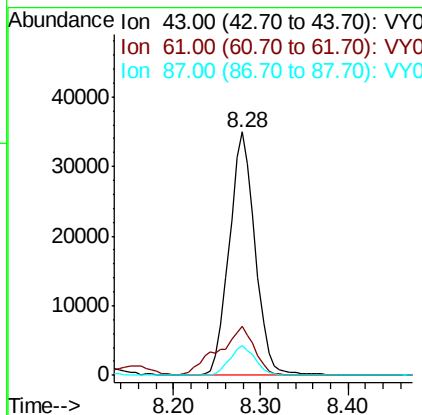
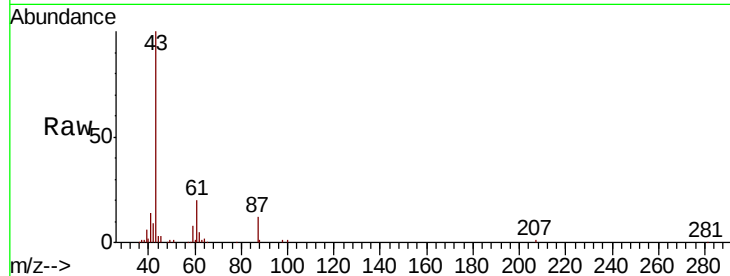
Isopropyl Acetate
 Concen: 20.595 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.7	21.9	32.9
87	12.0	10.0	15.0

Manual Integrations
 APPROVED

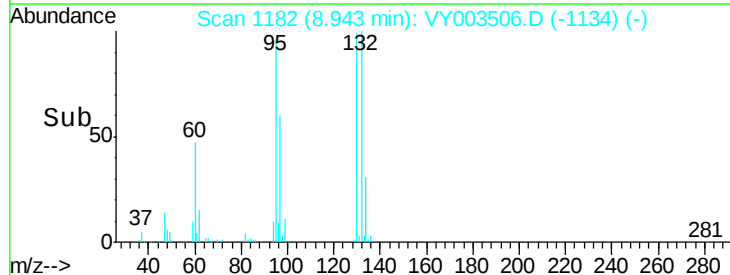
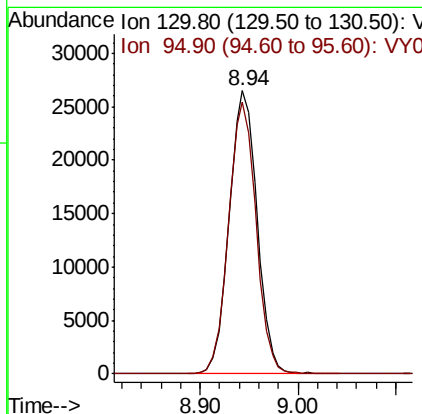
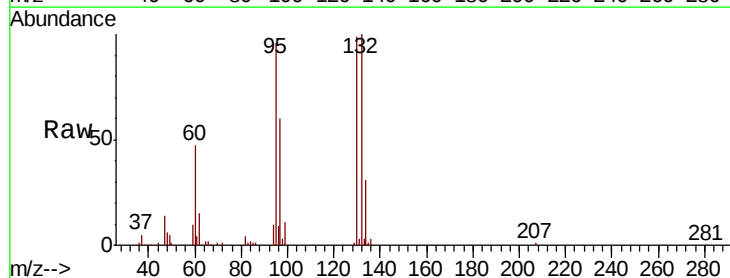
MMDadoda
 11/5/2020 7:01:51 PM

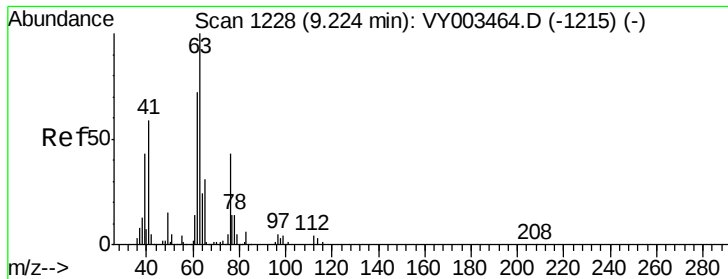


#44

Trichloroethene
 Concen: 21.441 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	186.6





#45

1,2-Dichloropropane

Concen: 21.759 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 63 Resp: 47903

Ion Ratio Lower Upper

63 100

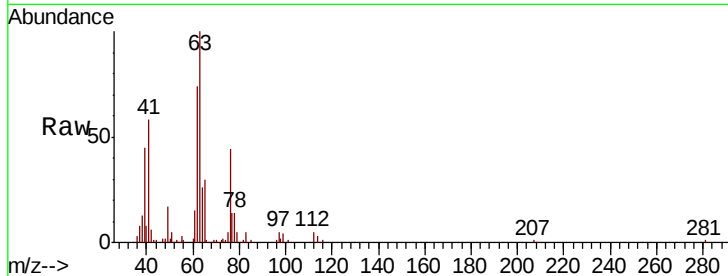
65 30.4 24.6 36.8

Manual Integrations

APPROVED

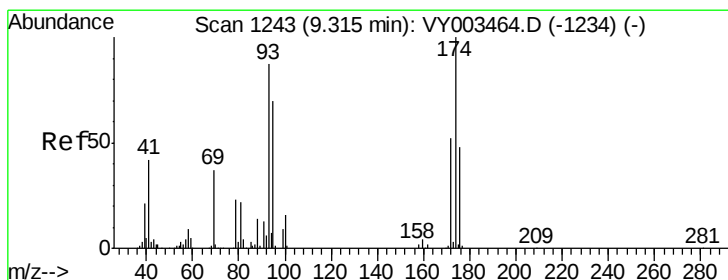
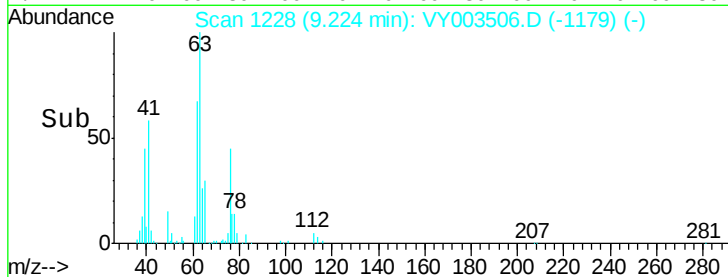
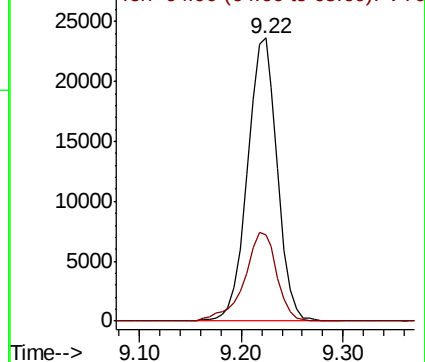
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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.023 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

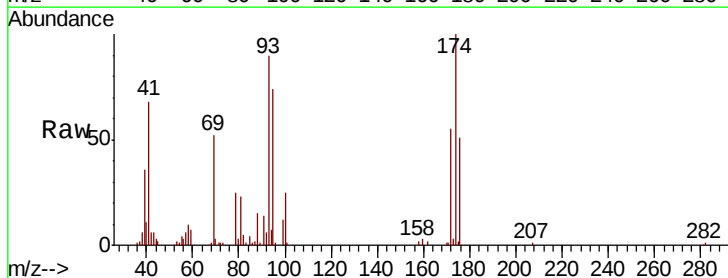
Tgt Ion: 93 Resp: 25463

Ion Ratio Lower Upper

93 100

95 85.0 65.0 97.6

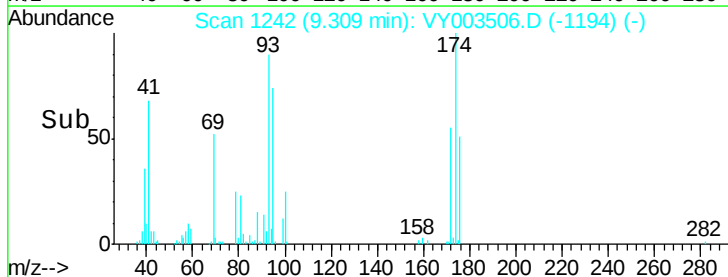
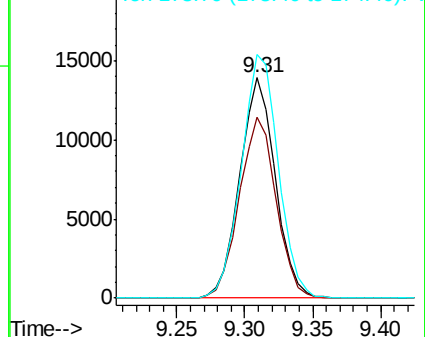
174 115.2 91.8 137.6

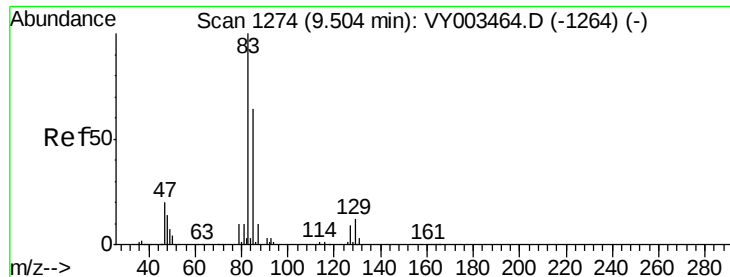


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.369 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

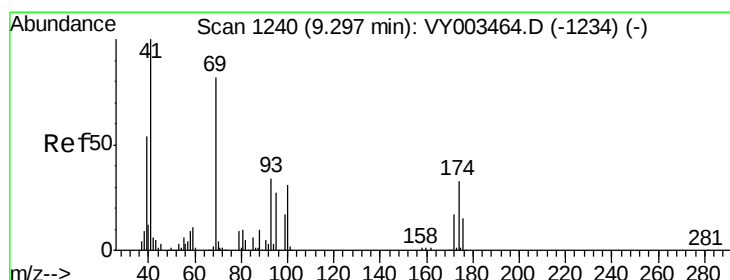
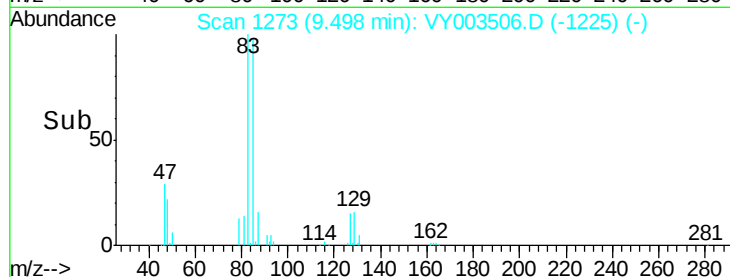
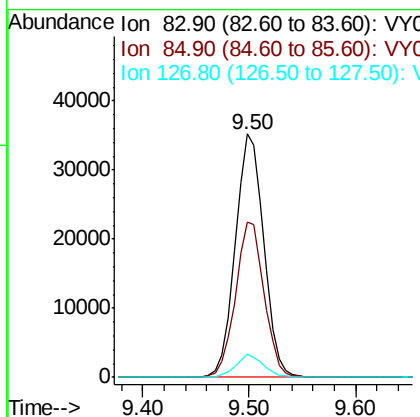
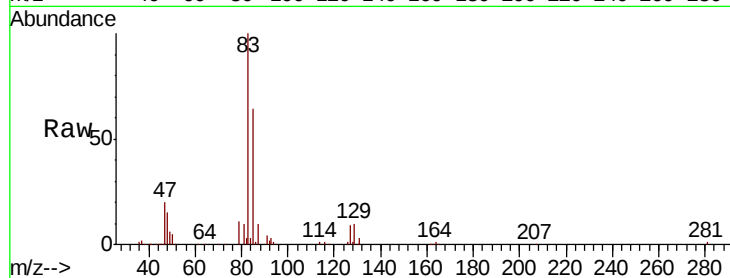
ClientSampleId :

VY1104SBS01

Tot Ion:	83	Resp:	66313
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.6
127	9.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.047 ug/l

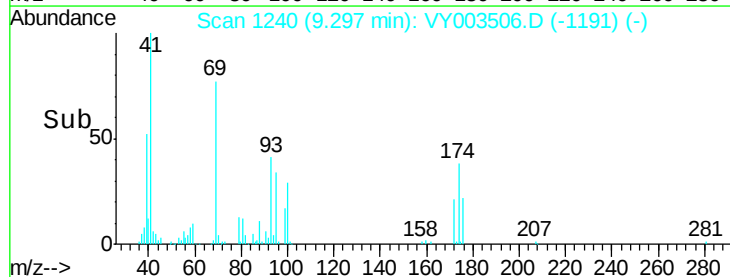
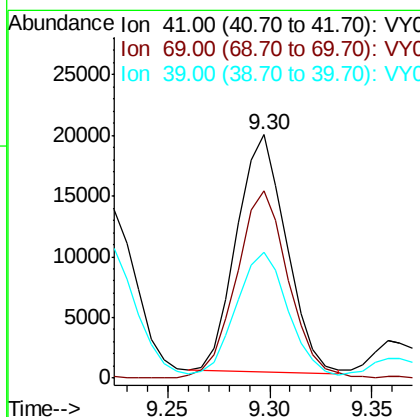
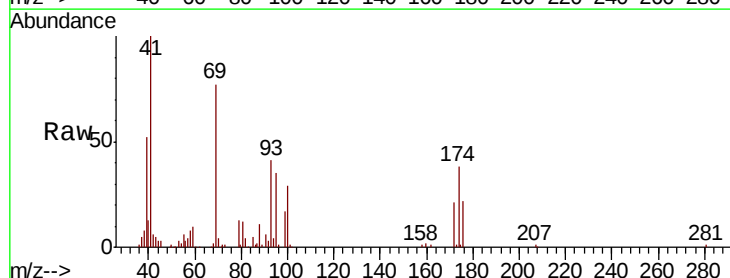
RT: 9.30 min Scan# 1240

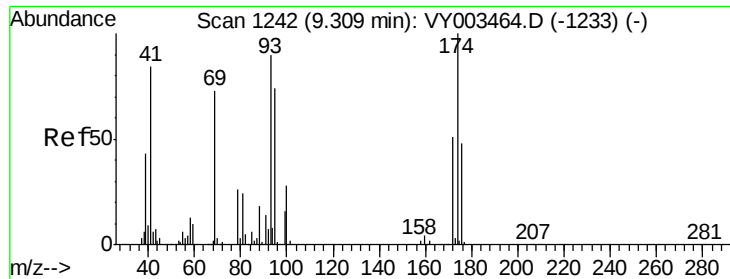
Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tgt Ion:	41	Resp:	33013
Ion	Ratio	Lower	Upper
41	100		
69	82.9	65.9	98.9
39	56.7	43.2	64.8





#49

1,4-Dioxane

Concen: 393.847 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

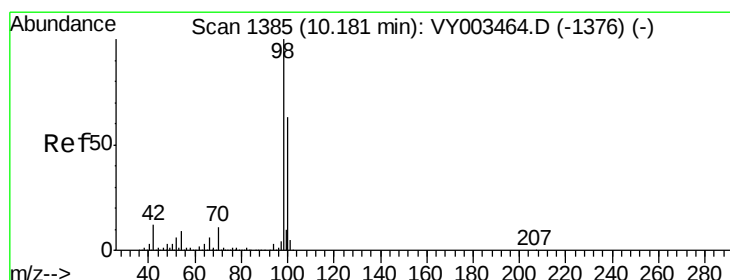
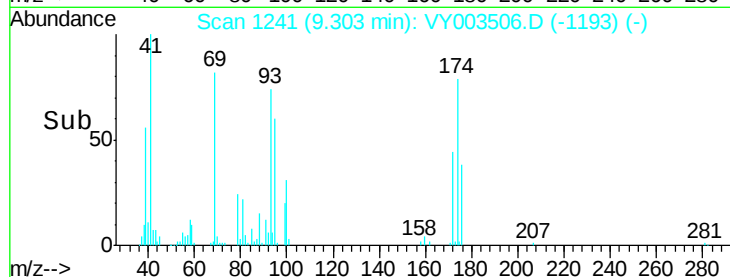
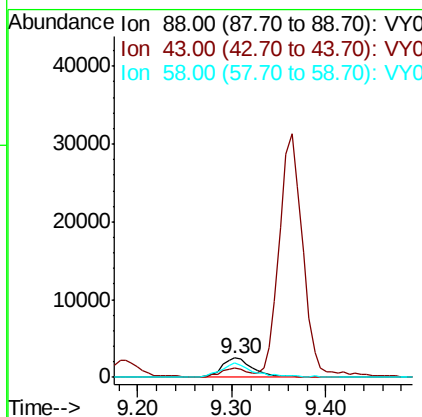
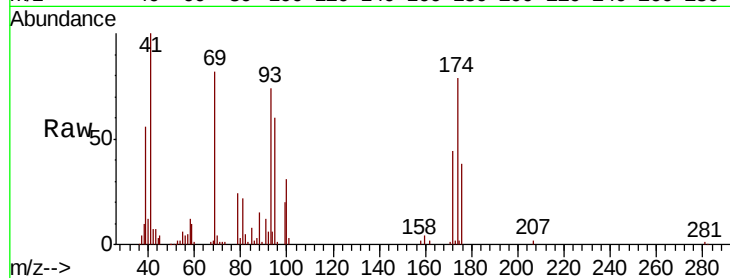
ClientSampleId :

VY1104SBS01

Tot Ion:	88	Resp:	5952
Ion	Ratio	Lower	Upper
88	100		
43	33.8	27.6	41.4
58	76.5	54.2	81.2

Manual Integrations
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#50

Toluene-d8

Concen: 46.218 ug/l

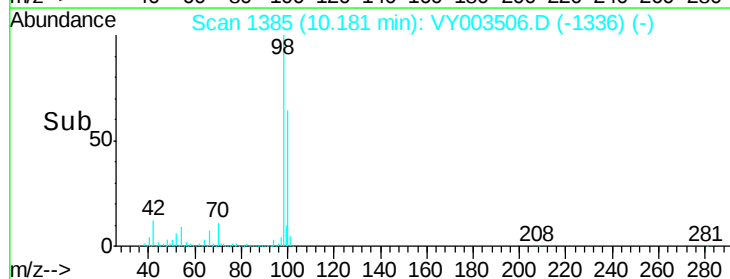
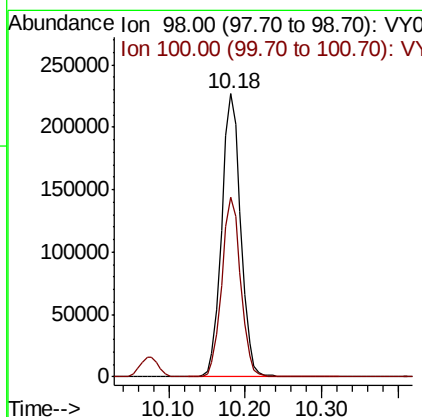
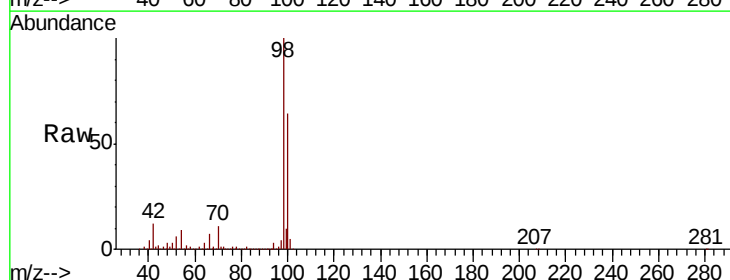
RT: 10.18 min Scan# 1385

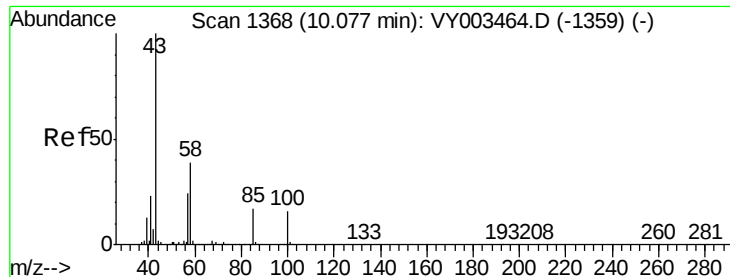
Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tgt Ion:	98	Resp:	388729
Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 101.553 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 43 Resp: 189150

Ion Ratio Lower Upper

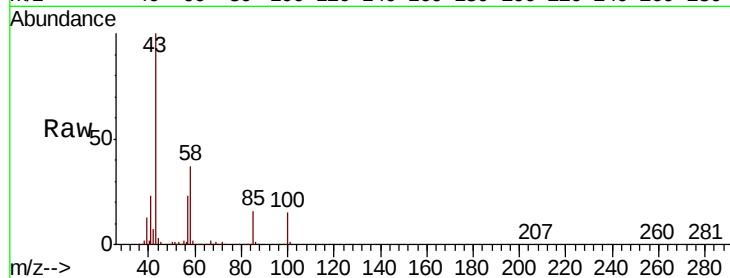
43 100

58 37.9 31.0 46.4

Manual Integrations
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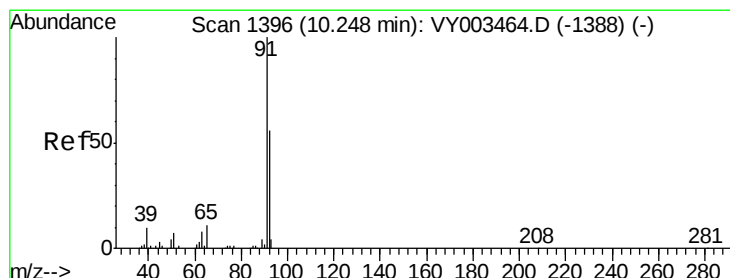
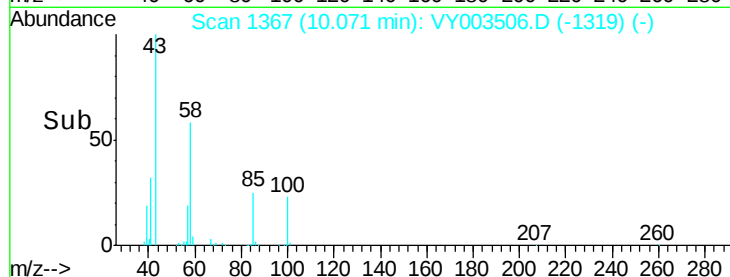
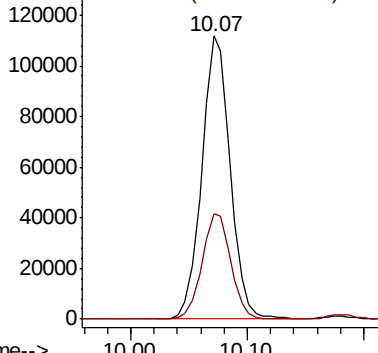
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.594 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY003506.D

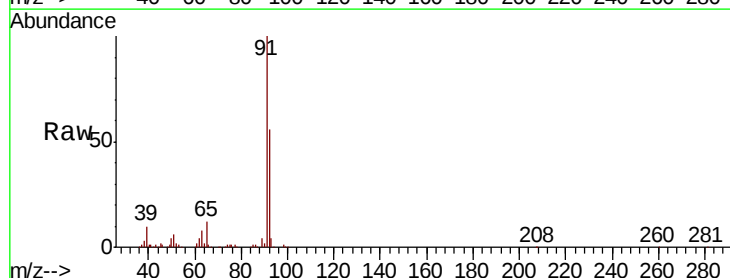
Acq: 04 Nov 2020 12:02

Tgt Ion: 92 Resp: 117739

Ion Ratio Lower Upper

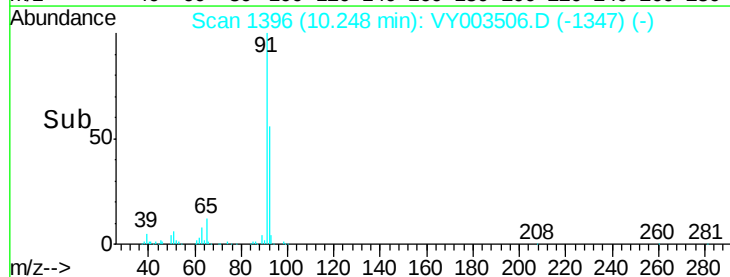
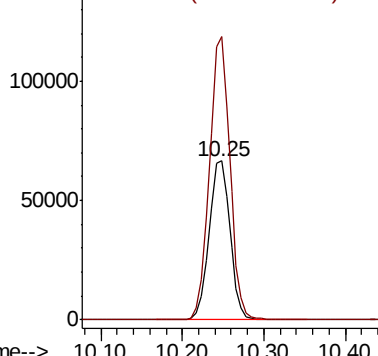
92 100

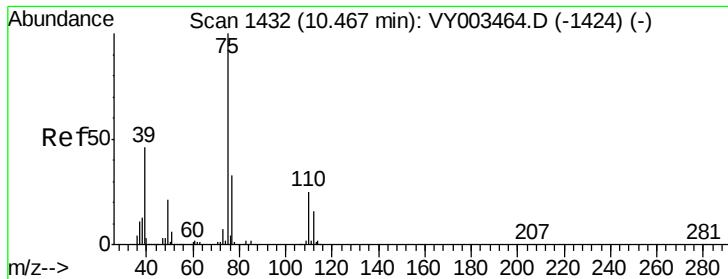
91 174.0 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





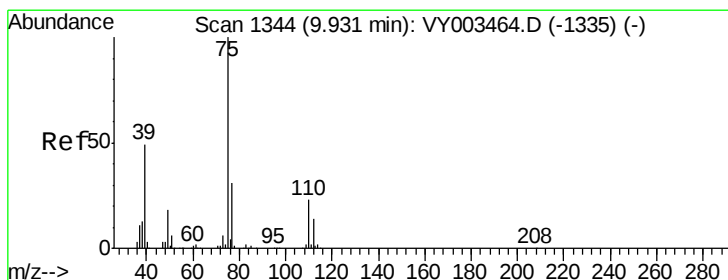
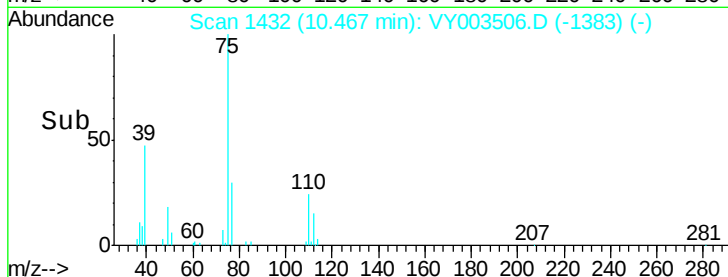
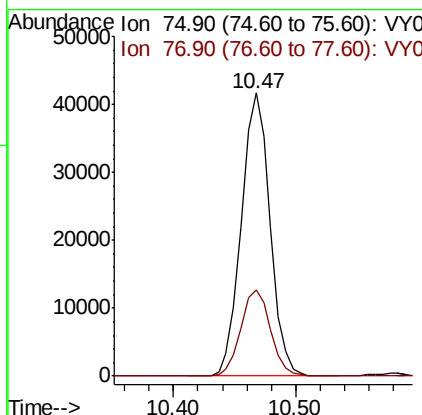
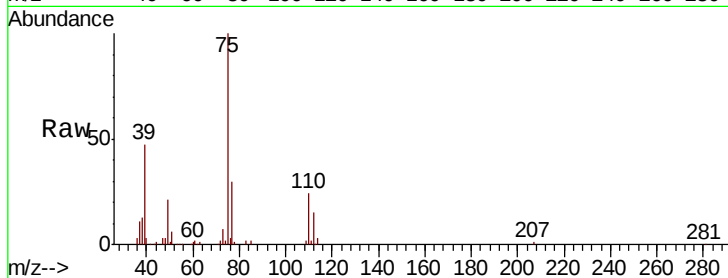
#53
t-1,3-Dichloropropene
Concen: 21.561 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion: 75 Resp: 68021
Ion Ratio Lower Upper
75 100
77 30.3 26.2 39.4

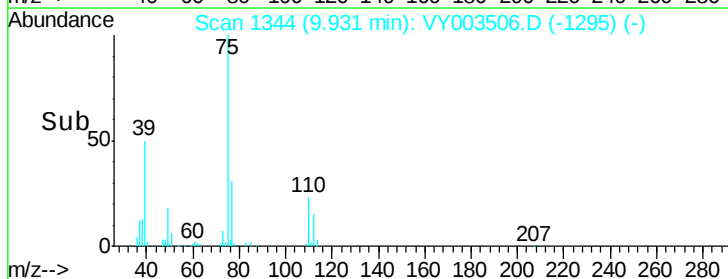
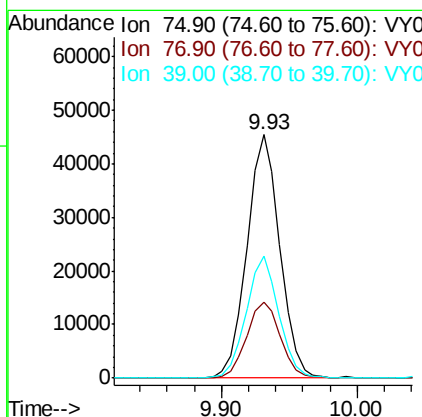
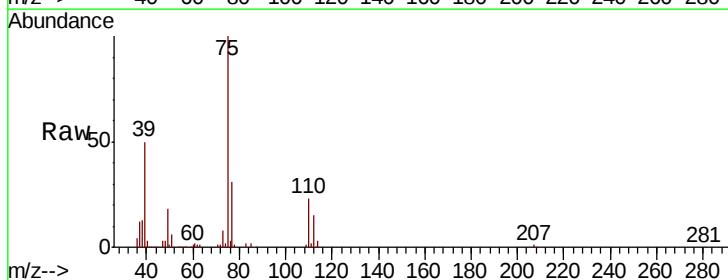
Manual Integrations
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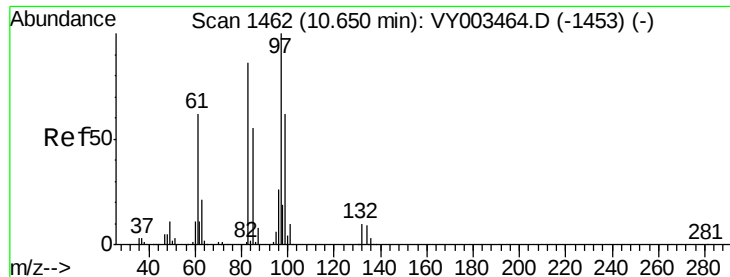
MMDadoda
11/5/2020 7:01:51 PM



#54
cis-1,3-Dichloropropene
Concen: 21.663 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 75 Resp: 76905
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7
39 50.0 39.0 58.4





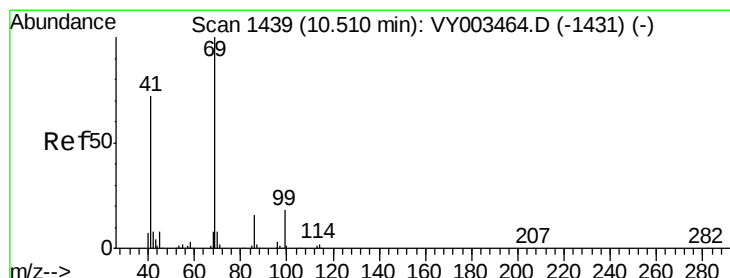
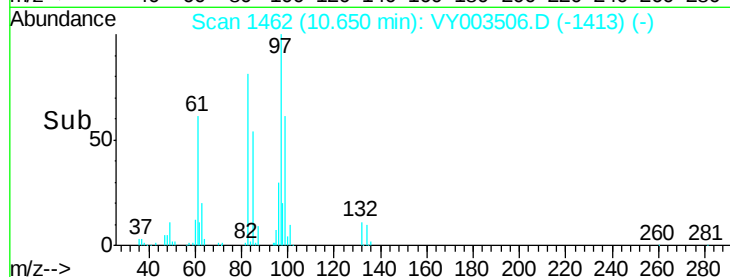
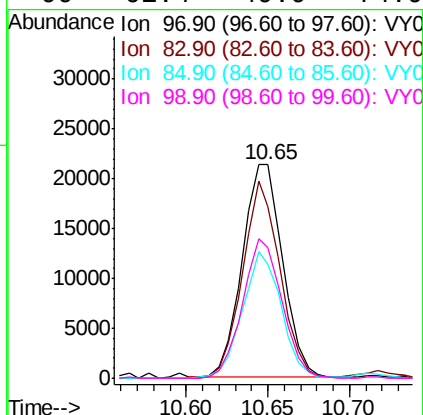
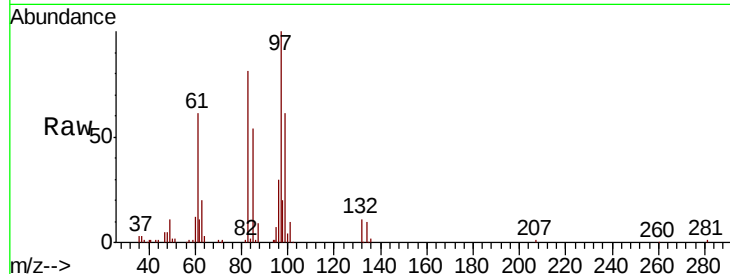
#55
 1,1,2-Trichloroethane
 Concen: 21.267 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion:	97	Resp:	36565
Ion	Ratio	Lower	Upper
97	100		
83	80.9	68.6	102.8
85	53.9	43.8	65.6
99	61.4	49.9	74.9

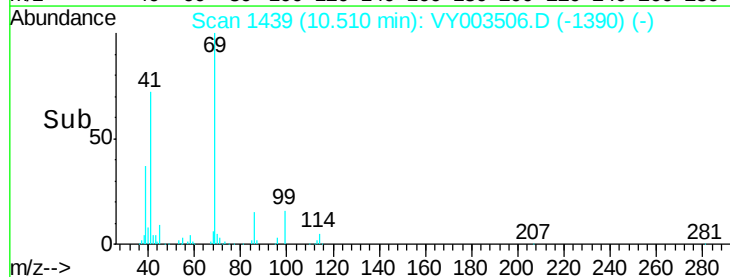
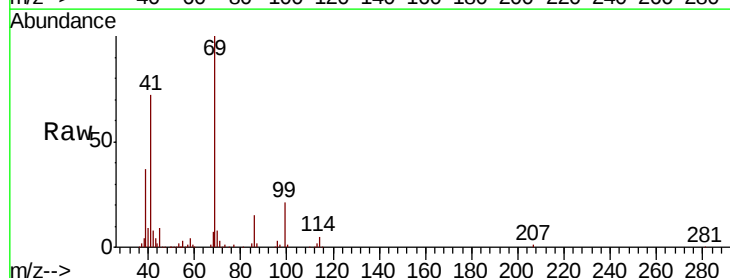
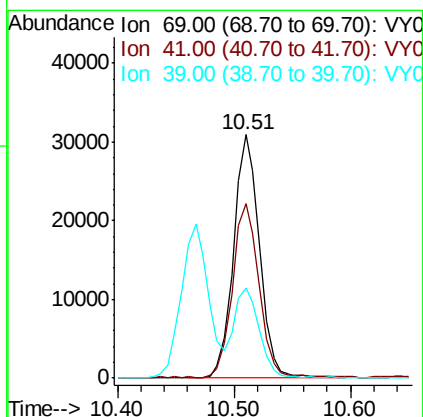
Manual Integrations
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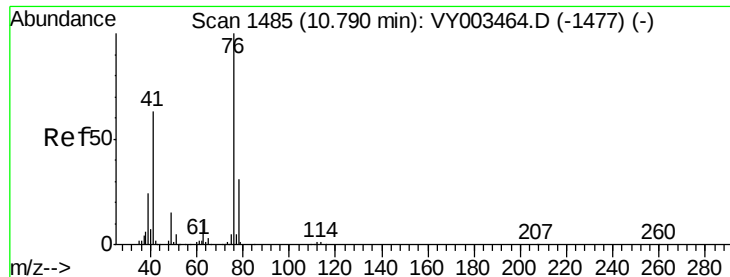
MMDadoda
 11/5/2020 7:01:51 PM



#56
 Ethyl methacrylate
 Concen: 20.781 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion:	69	Resp:	47858
Ion	Ratio	Lower	Upper
69	100		
41	72.3	55.4	83.2
39	35.8	28.7	43.1





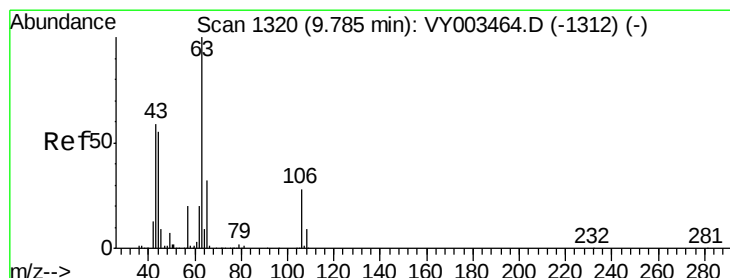
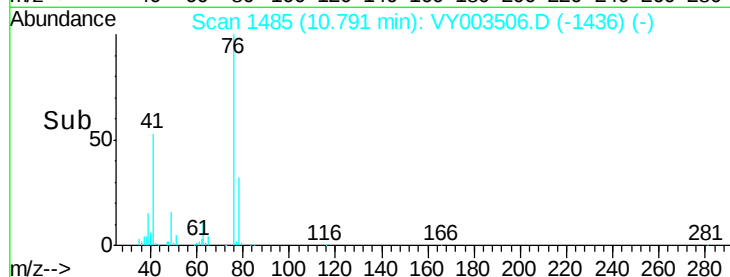
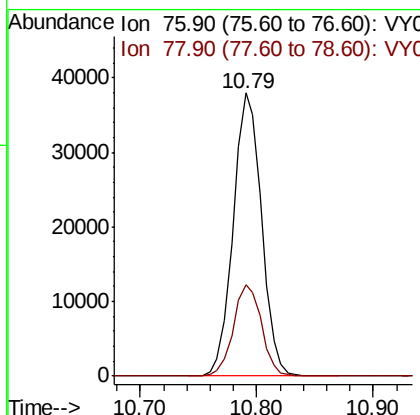
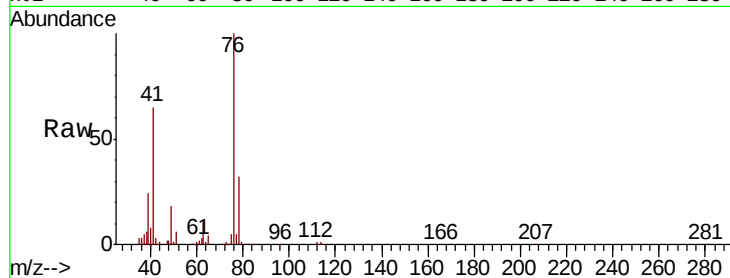
#57
 1,3-Dichloropropane
 Concen: 21.522 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

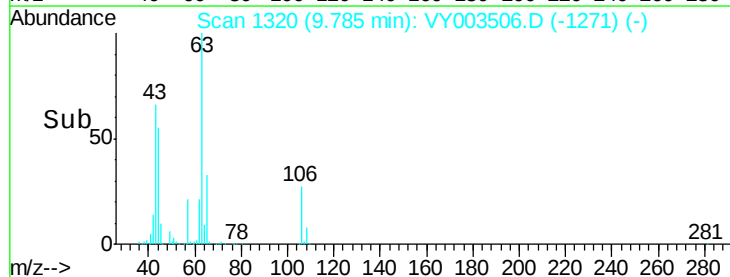
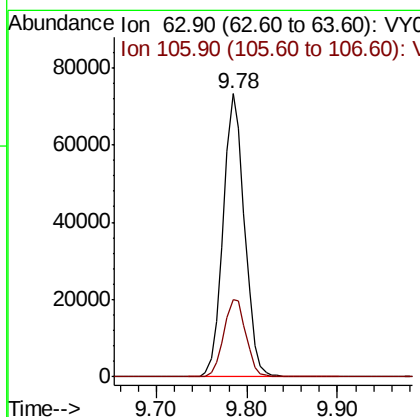
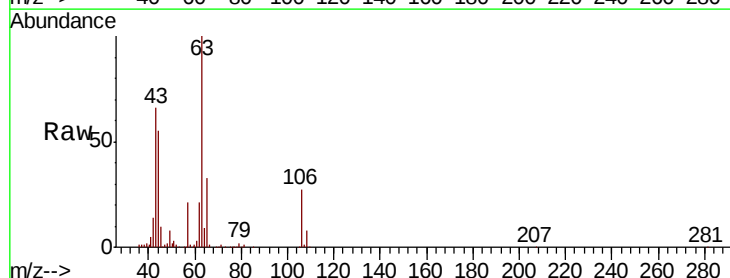
Manual Integrations
 APPROVED

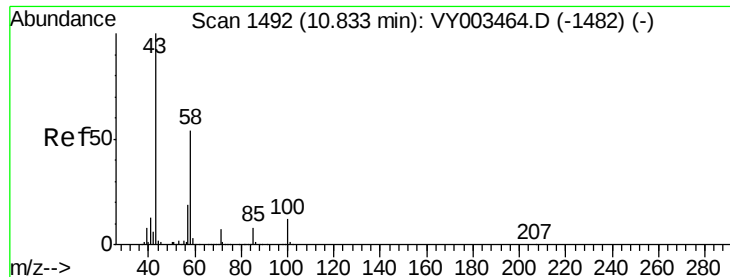
MMDadoda
 11/5/2020 7:01:51 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.871 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.3	33.5





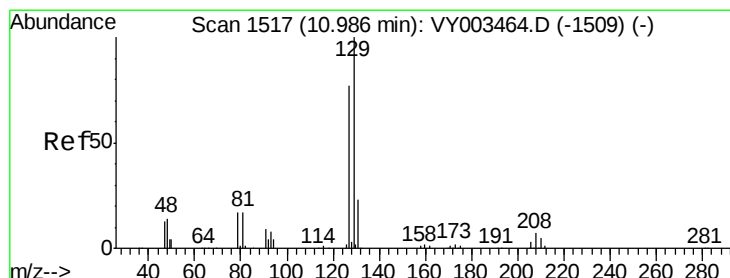
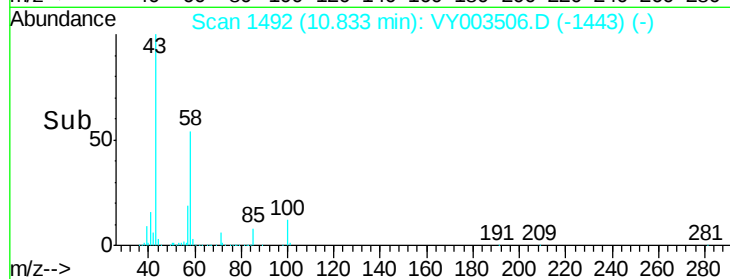
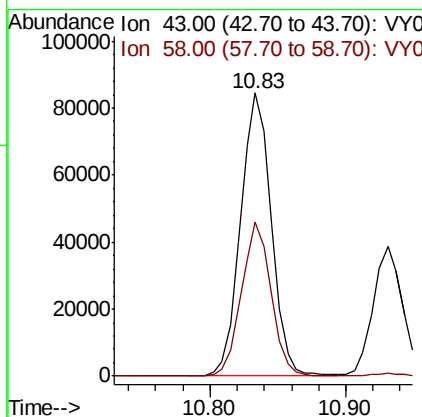
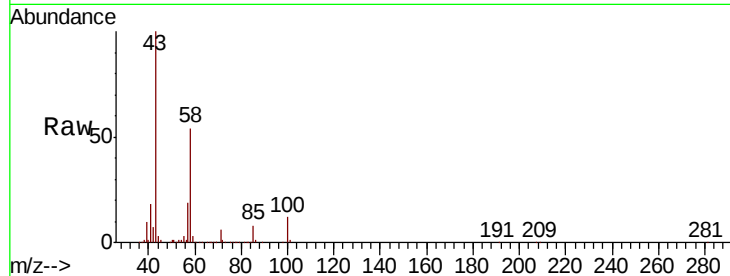
#59
2-Hexanone
Concen: 96.814 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.5	26.8	80.3

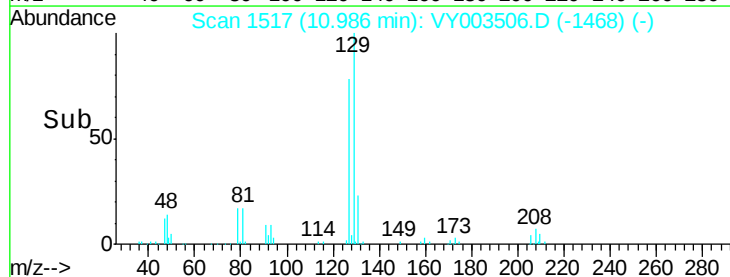
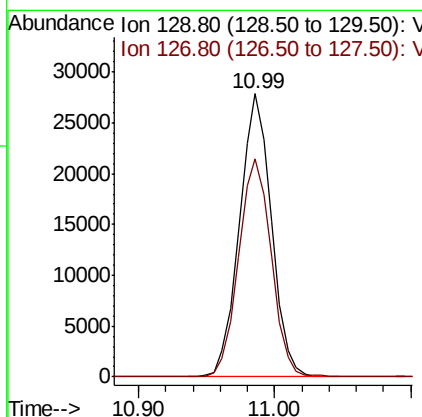
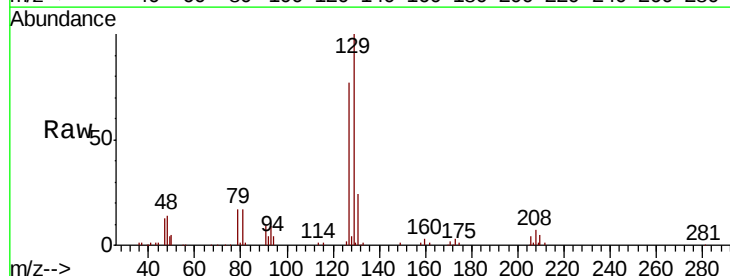
Manual Integrations
APPROVED

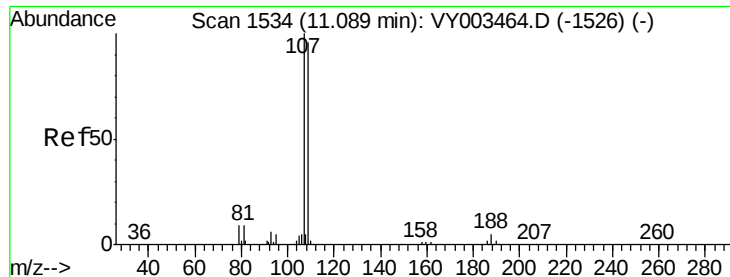
MMDadoda
11/5/2020 7:01:51 PM



#60
Dibromochloromethane
Concen: 21.565 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	38.8	116.3





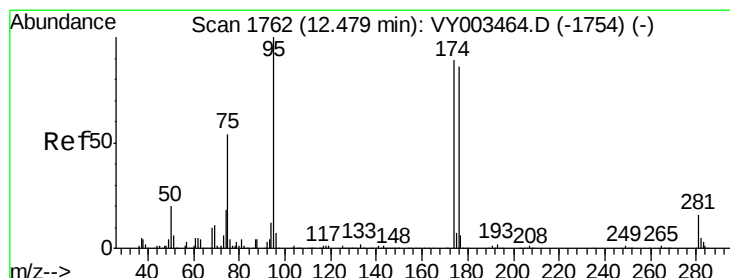
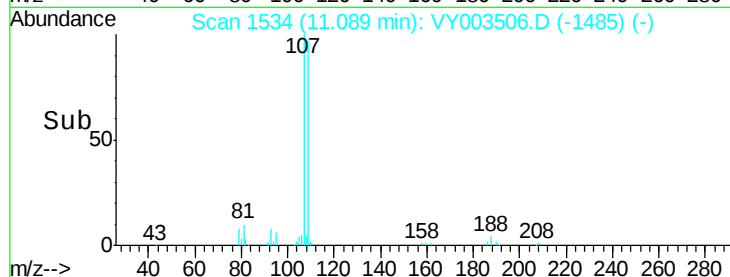
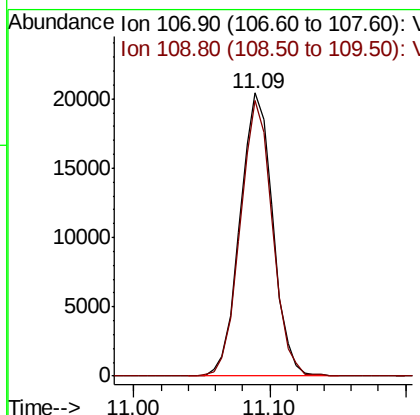
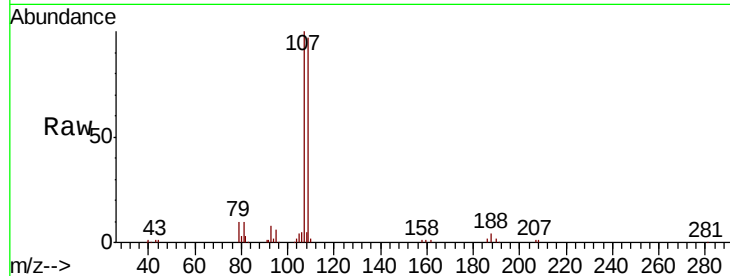
#61
 1,2-Dibromoethane
 Concen: 20.690 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.5	114.7

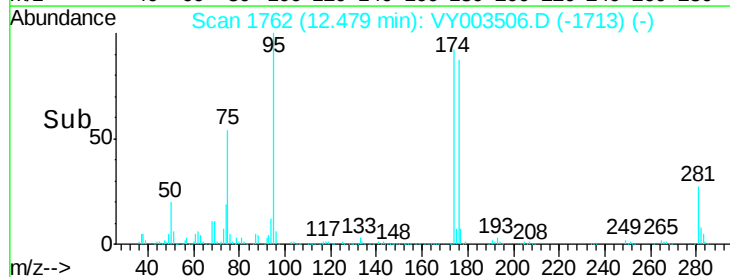
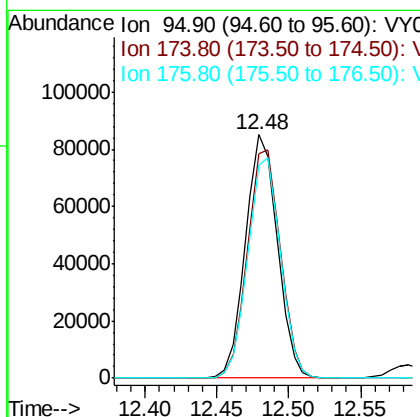
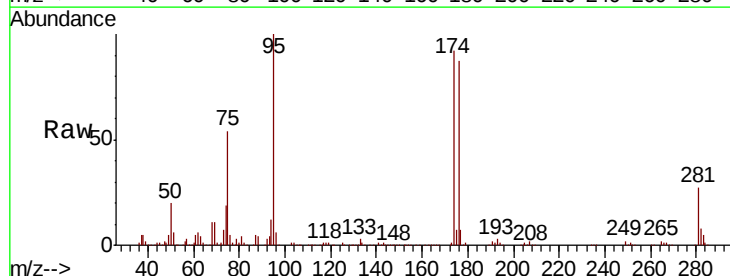
Manual Integrations
 APPROVED

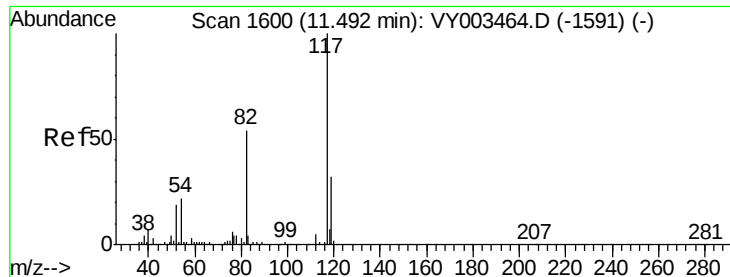
MMDadoda
 11/5/2020 7:01:51 PM



#62
 4-Bromofluorobenzene
 Concen: 46.704 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	193.0
176	92.9	0.0	187.4





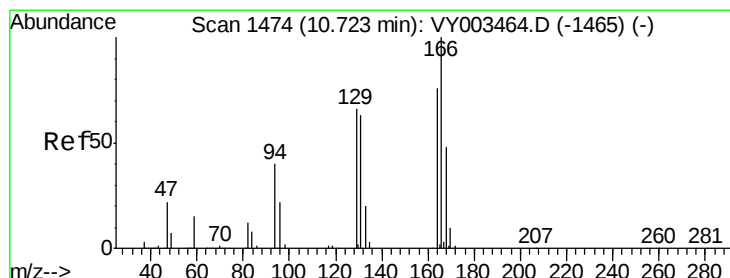
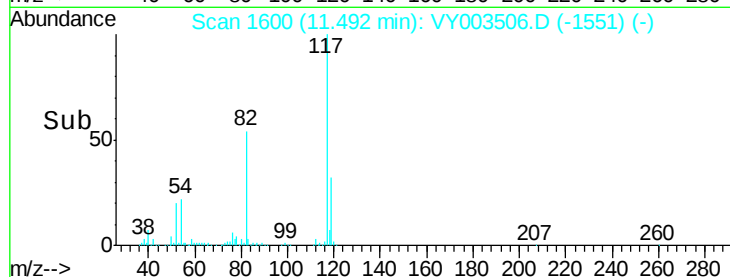
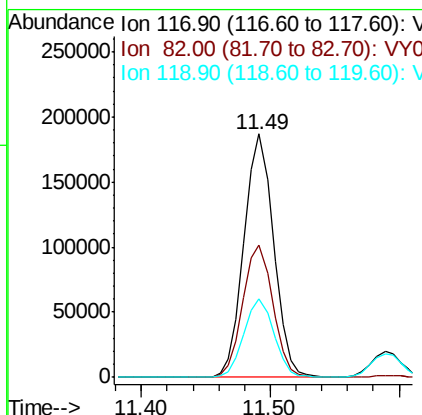
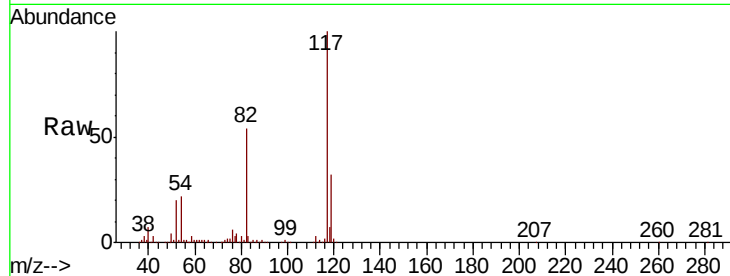
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	298974		
82	54.3		43.4	65.2
119	32.2		25.8	38.6

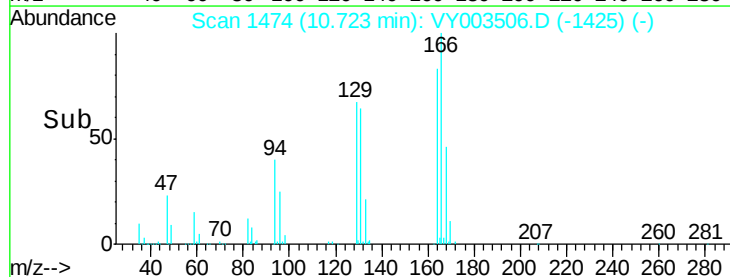
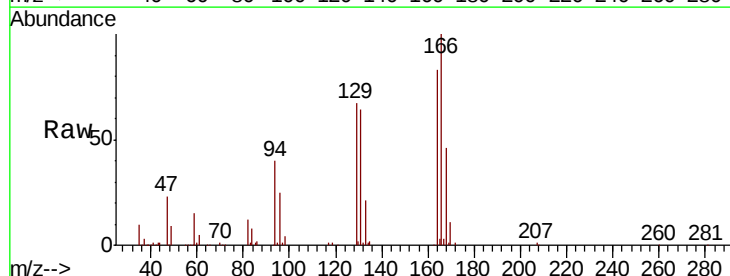
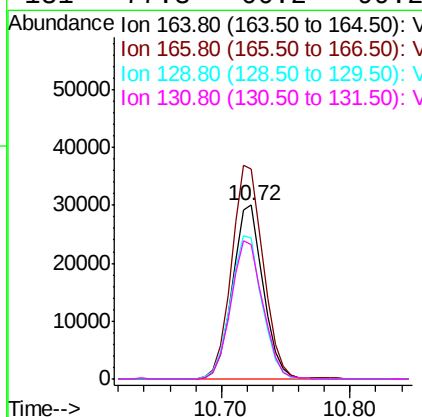
Manual Integrations
APPROVED

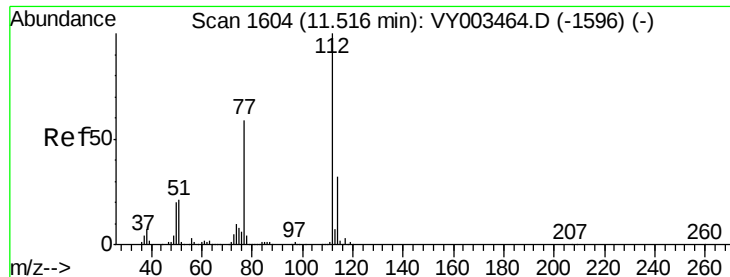
MMDadoda
11/5/2020 7:01:51 PM



#64
Tetrachloroethene
Concen: 22.266 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49716		
166	121.0		104.9	157.3
129	81.2		68.9	103.3
131	77.3		66.2	99.2





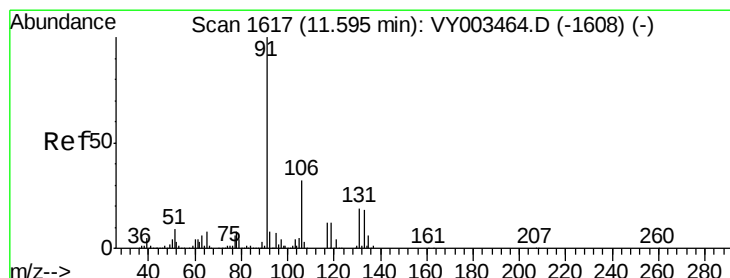
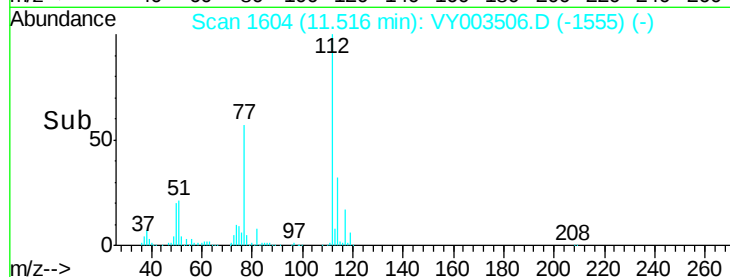
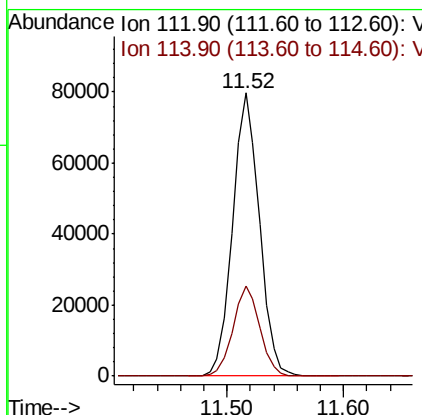
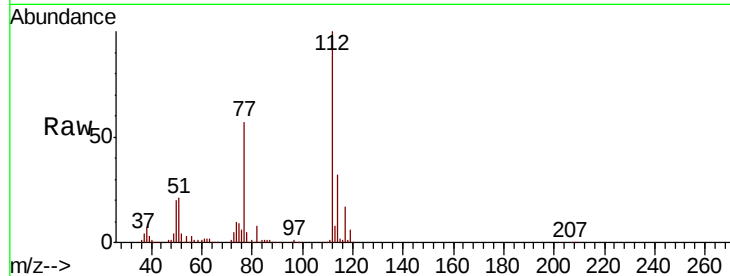
#65
Chlorobenzene
Concen: 21.954 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.5	38.3

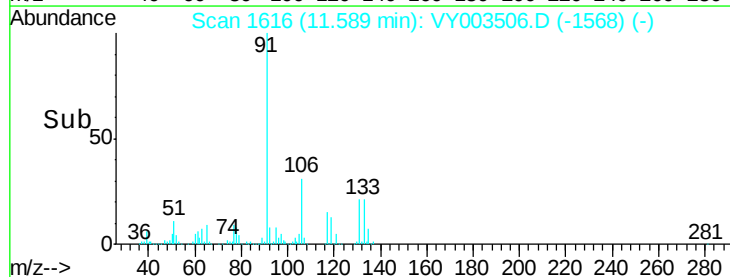
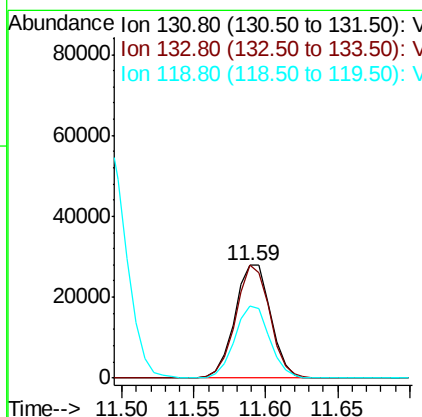
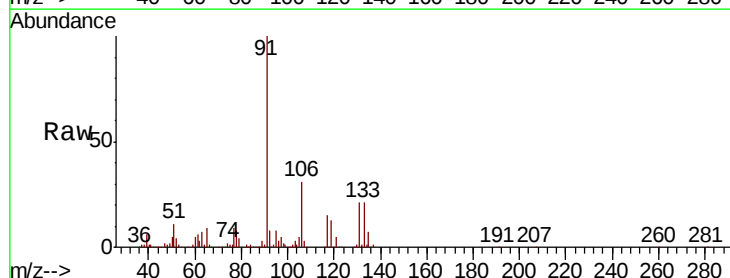
Manual Integrations
APPROVED

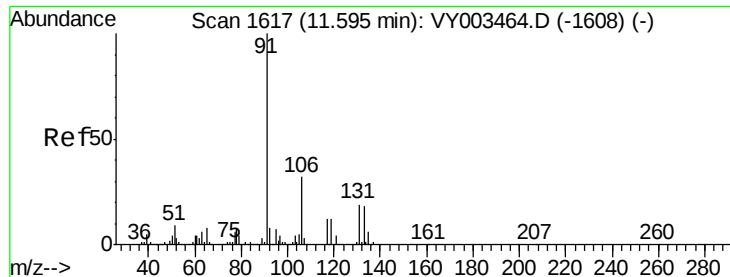
MMDadoda
11/5/2020 7:01:51 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.128 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.4	142.2
119	62.1	31.6	95.0





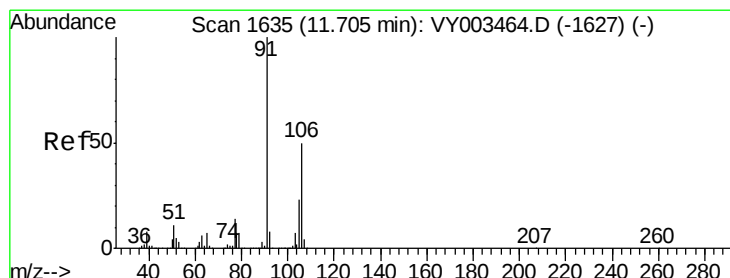
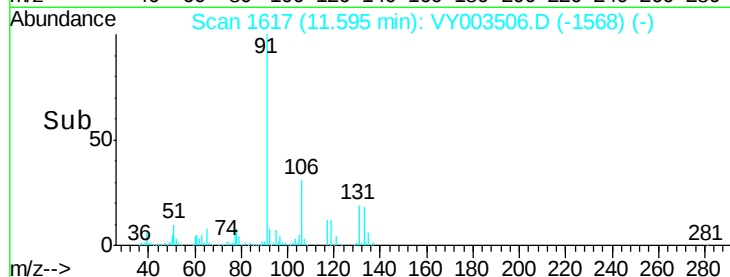
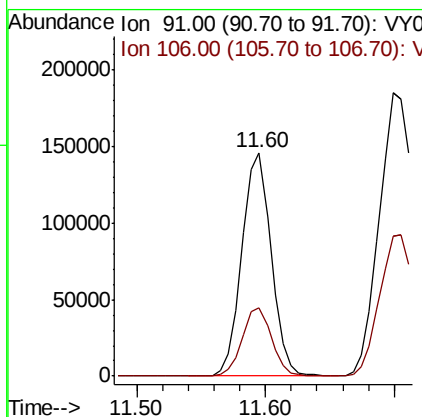
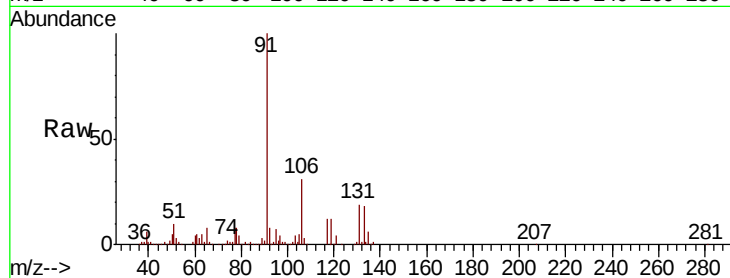
#67
Ethyl Benzene
Concen: 21.765 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion: 91 Resp: 229229
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0

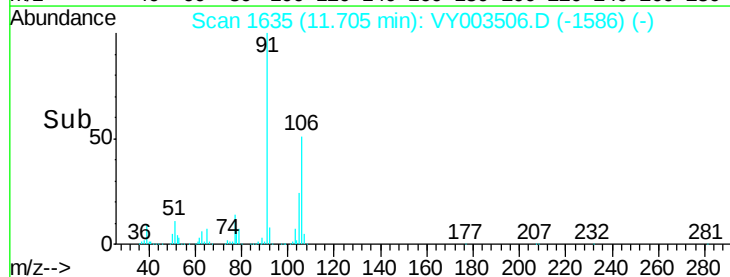
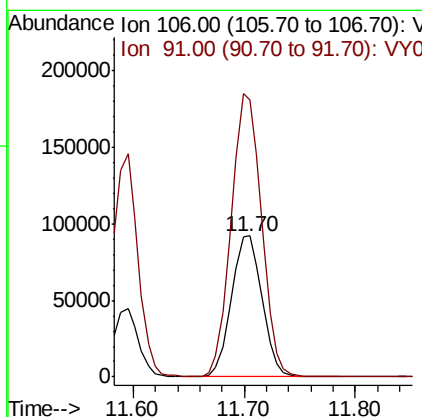
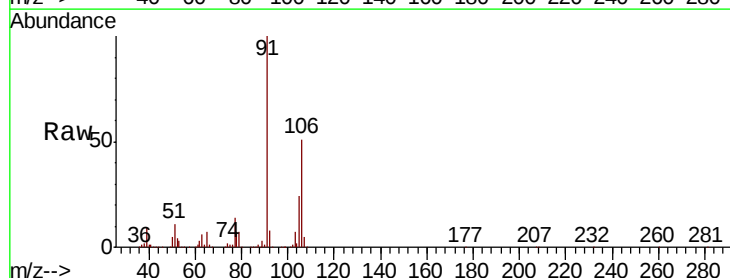
Manual Integrations
APPROVED

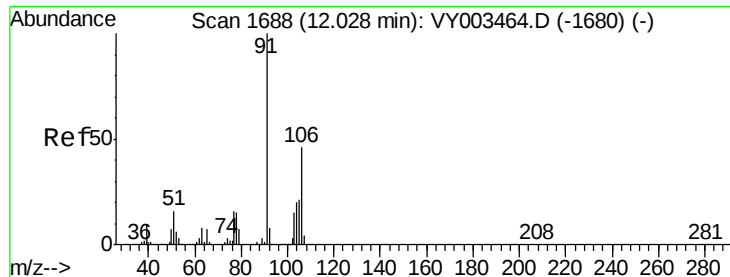
MMDadoda
11/5/2020 7:01:51 PM



#68
m/p-Xylenes
Concen: 43.817 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion: 106 Resp: 174884
Ion Ratio Lower Upper
106 100
91 199.8 161.0 241.6





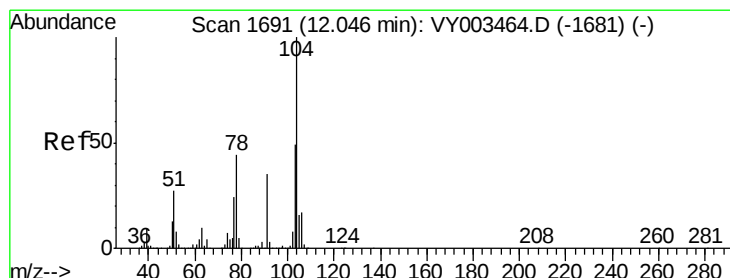
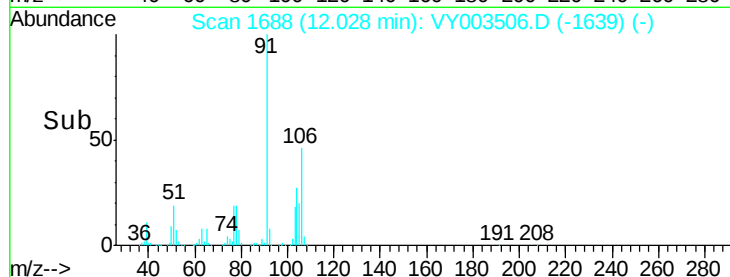
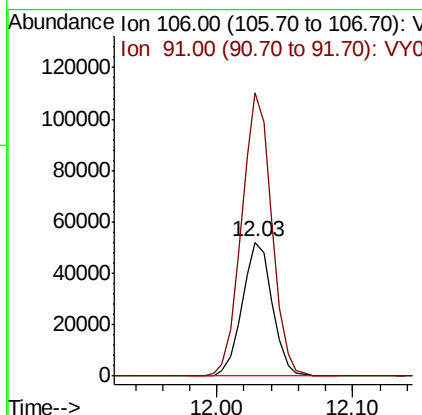
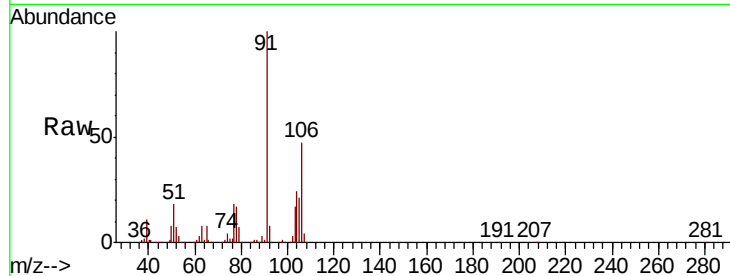
#69
o-Xylene
Concen: 21.894 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.5	105.5	316.5	

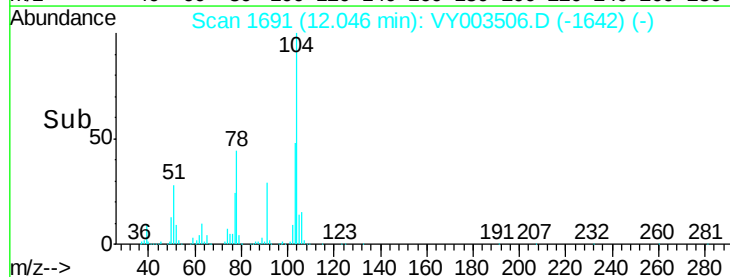
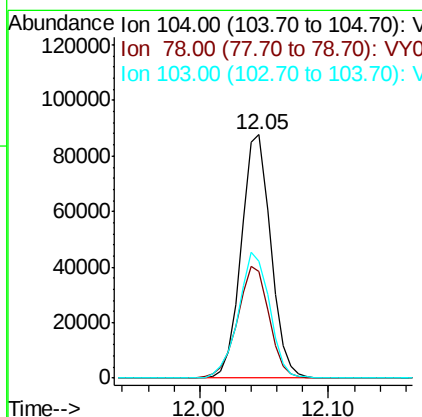
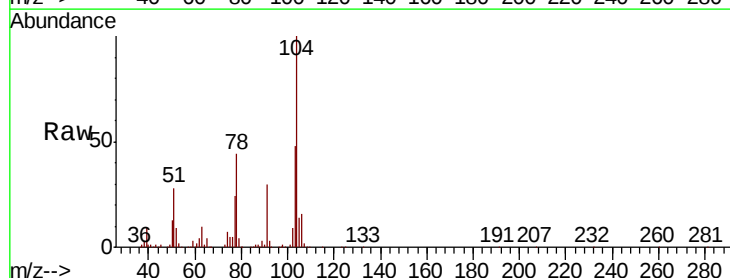
Manual Integrations
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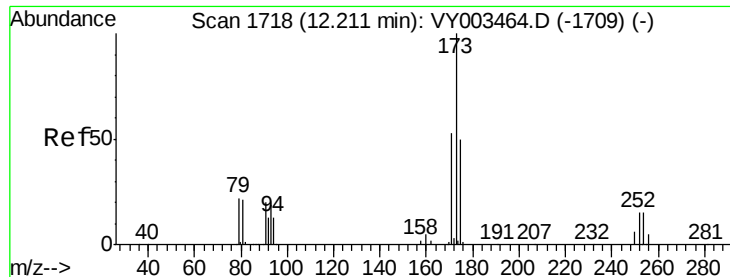
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11/5/2020 7:01:51 PM



#70
Styrene
Concen: 22.184 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.6	39.5	59.3	
103	55.1	44.2	66.2	





#71

Bromoform

Concen: 20.825 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

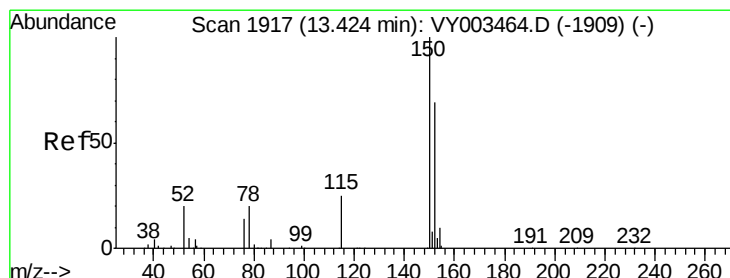
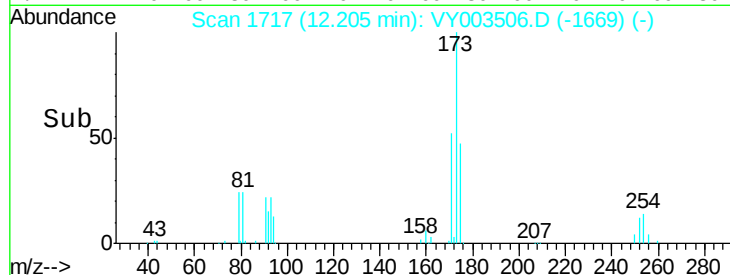
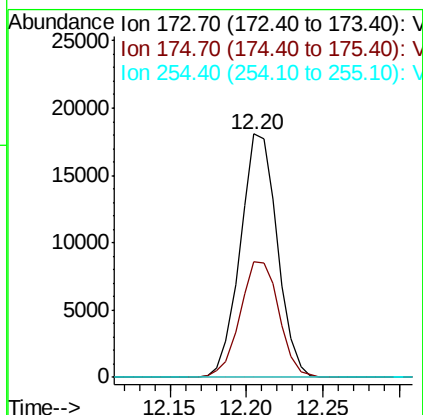
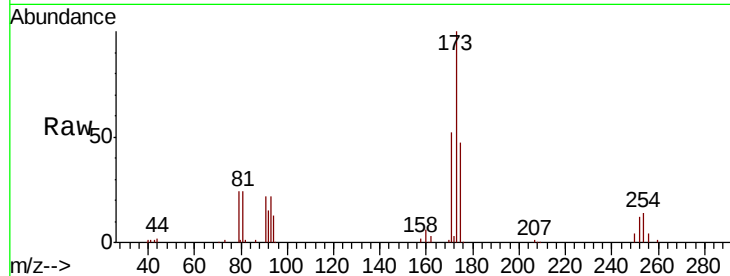
ClientSampleId :

VY1104SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.7	74.1
254	0.0	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

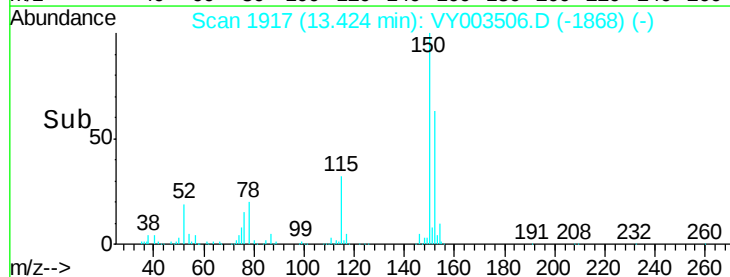
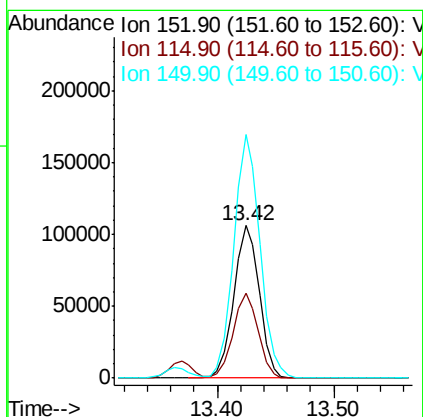
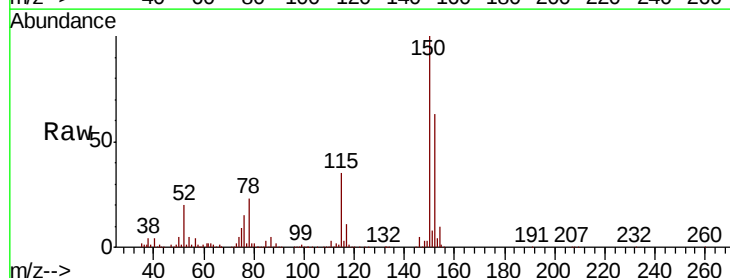
RT: 13.42 min Scan# 1917

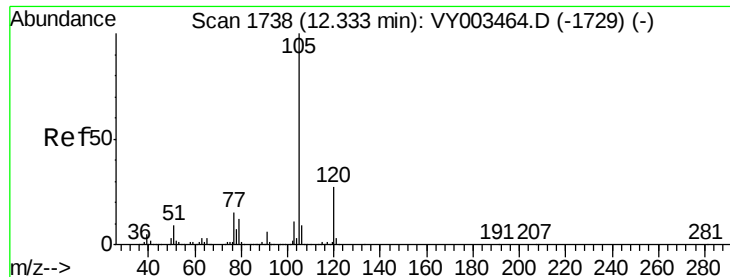
Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.5	82.4
150	163.8	0.0	345.8





#73

Isopropylbenzene

Concen: 21.014 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 105 Resp: 222026

Ion Ratio Lower Upper

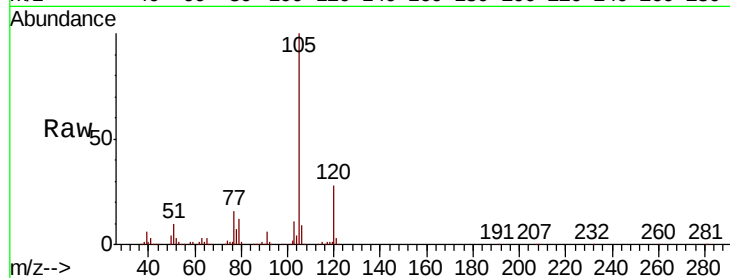
105 100

120 27.2 13.5 40.5

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

12.33

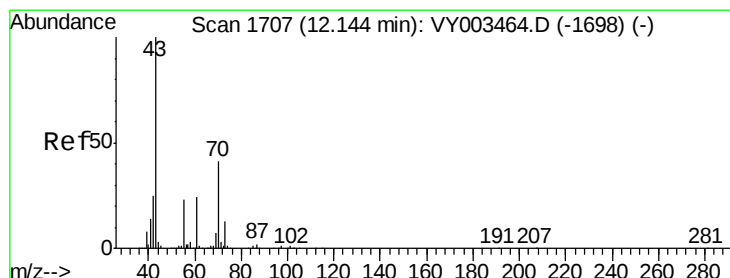
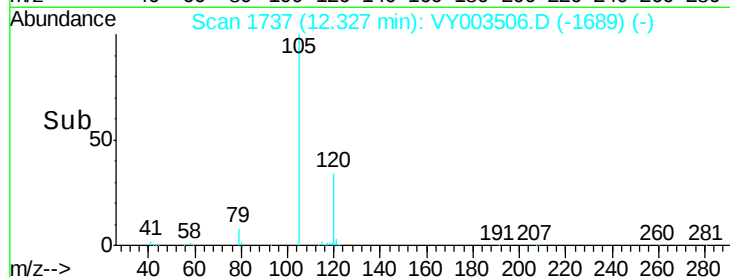
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.136 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tgt Ion: 43 Resp: 60264

Ion Ratio Lower Upper

43 100

70 41.4 33.1 49.7

55 24.6 19.2 28.8

61 23.7 19.0 28.6

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

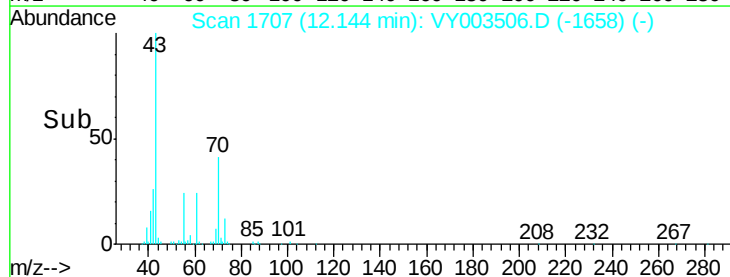
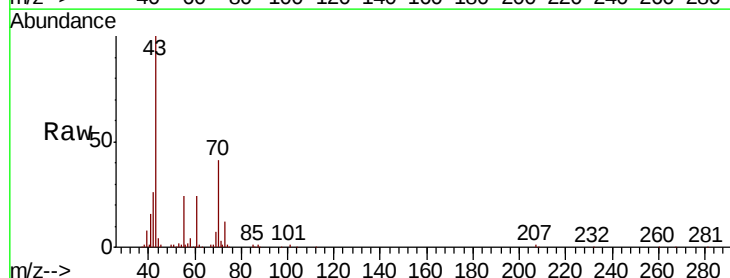
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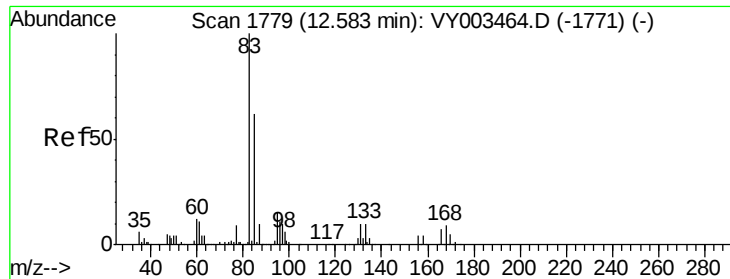
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.231 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

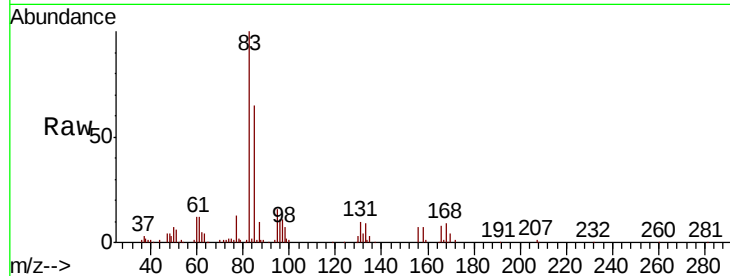
ClientSampleId :

VY1104SBS01

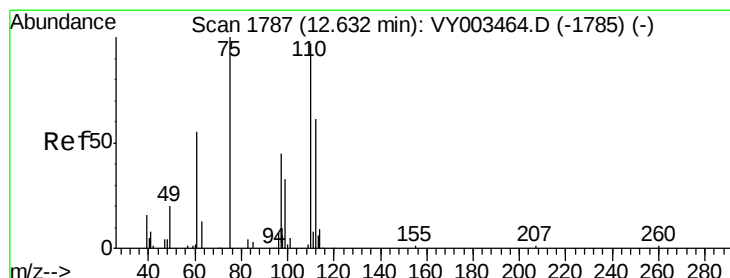
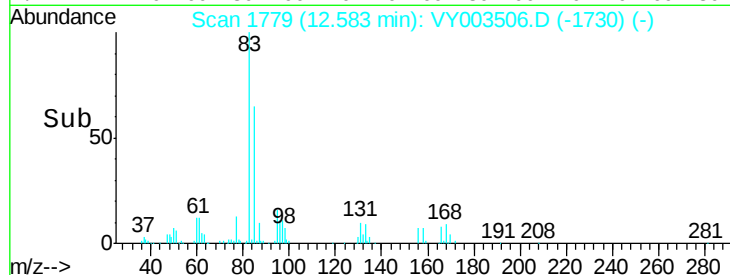
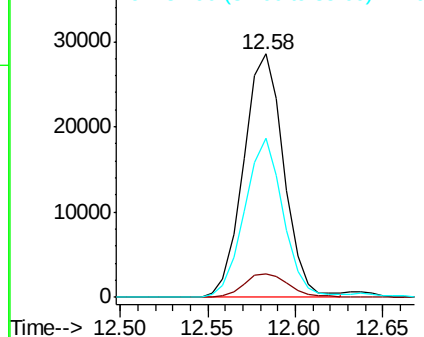
Tot Ion:	83	Resp:	45658
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	63.5	32.0	96.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY003506.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 18.920 ug/l m

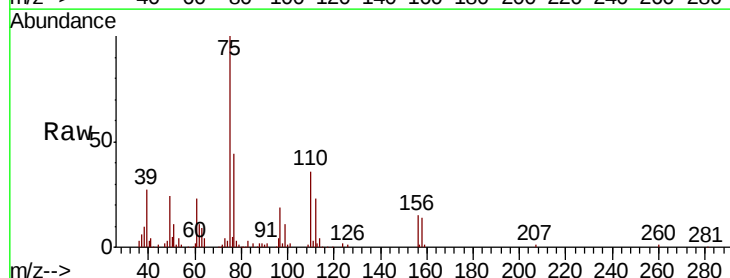
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

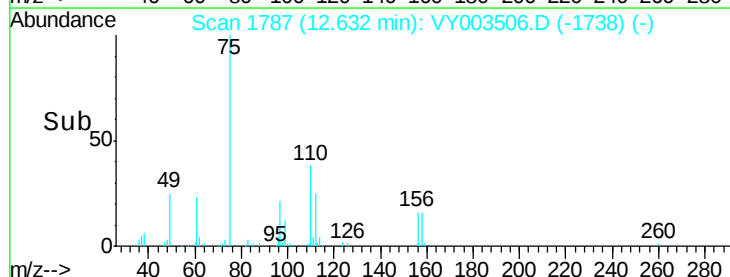
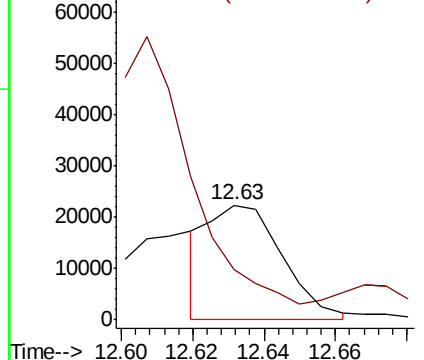
Lab File: VY003506.D

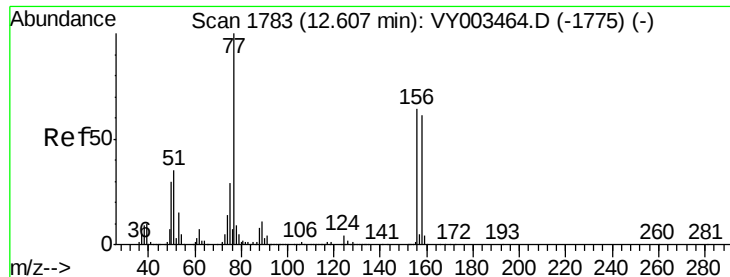
Acq: 04 Nov 2020 12:02

Tgt Ion:	75	Resp:	32379
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003506.D (-1738) (-)





#77

Bromobenzene

Concen: 21.170 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion:156 Resp: 56830

Ion Ratio Lower Upper

156 100

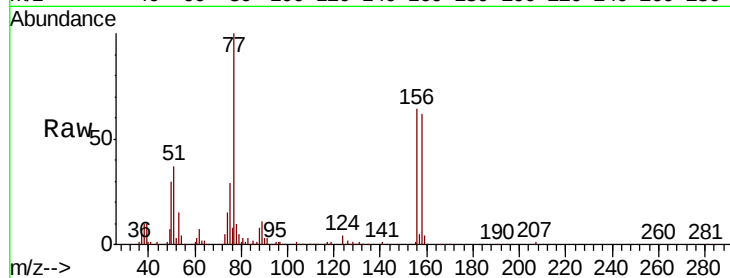
77 170.1 87.0 260.9

158 95.7 48.7 146.1

Manual Integrations
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MMDadoda

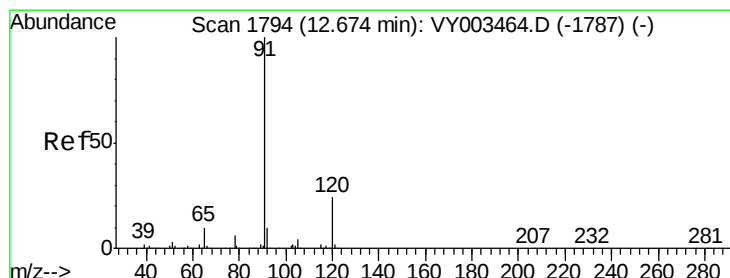
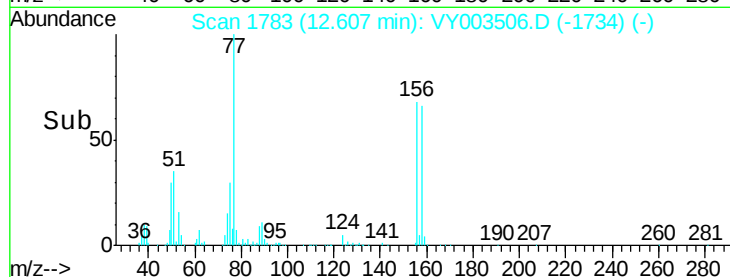
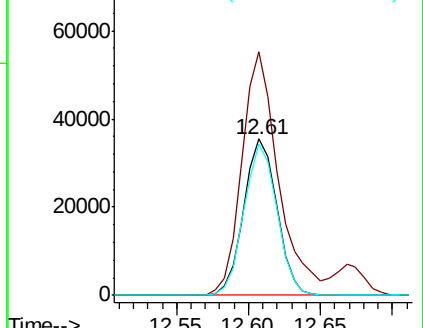
11/5/2020 7:01:51 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.956 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003506.D

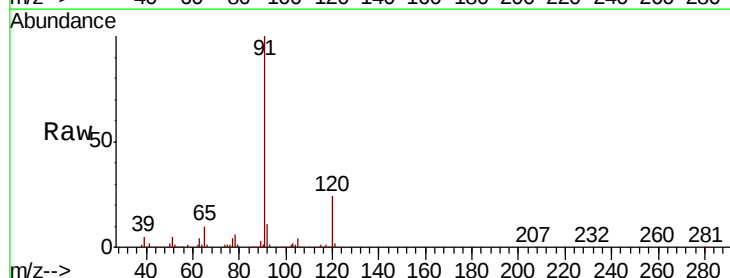
Acq: 04 Nov 2020 12:02

Tgt Ion: 91 Resp: 260798

Ion Ratio Lower Upper

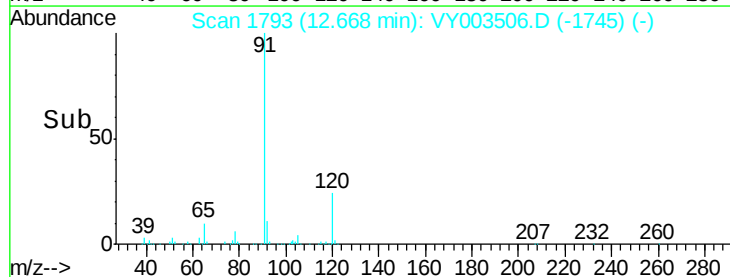
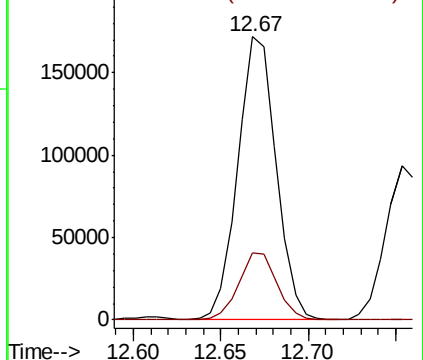
91 100

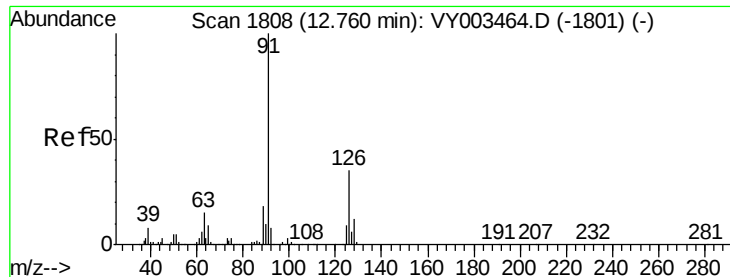
120 23.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





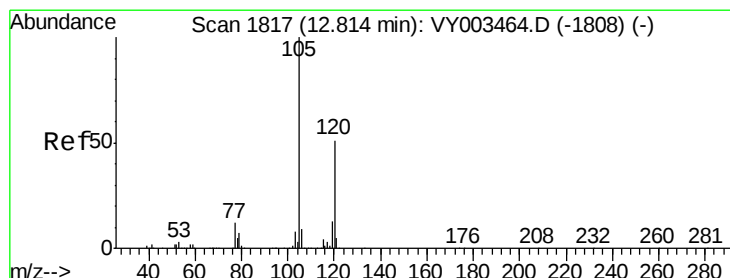
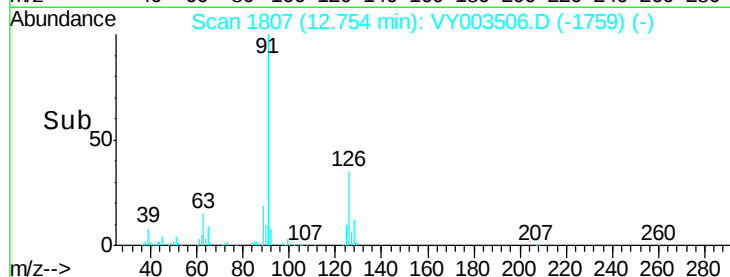
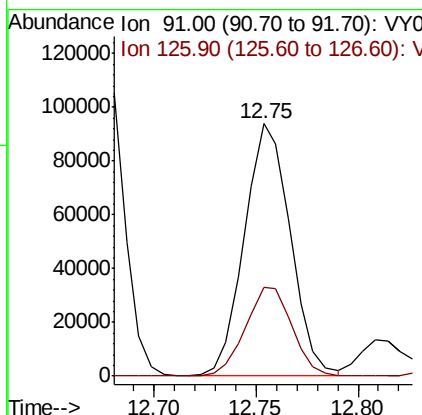
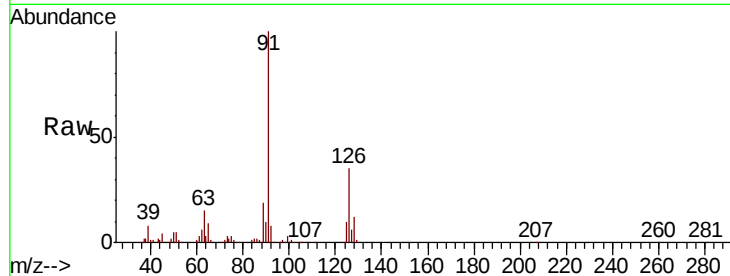
#79
 2-Chlorotoluene
 Concen: 21.180 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.8	53.3

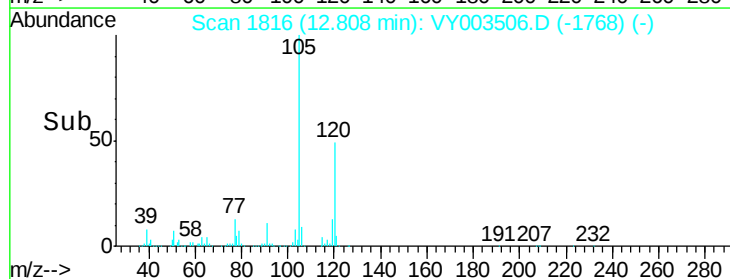
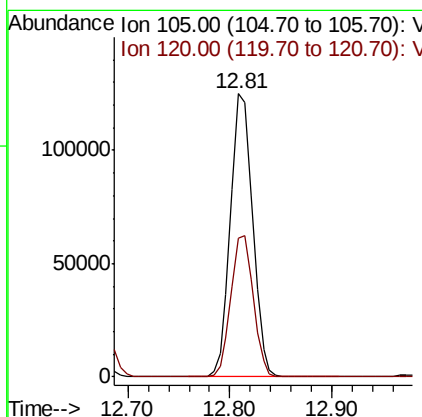
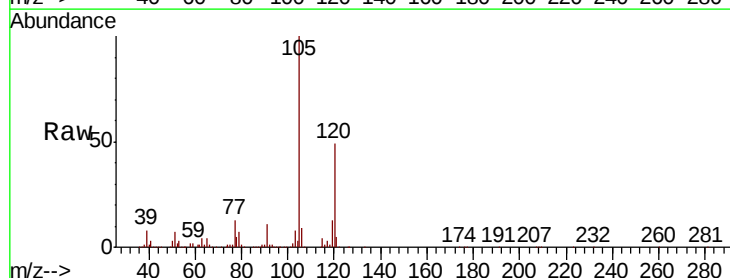
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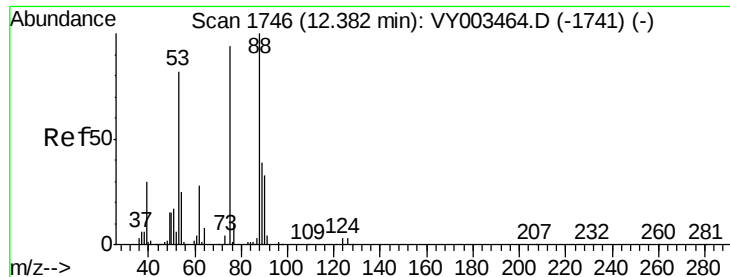
MMDadoda
 11/5/2020 7:01:51 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.471 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.3	25.3	75.9





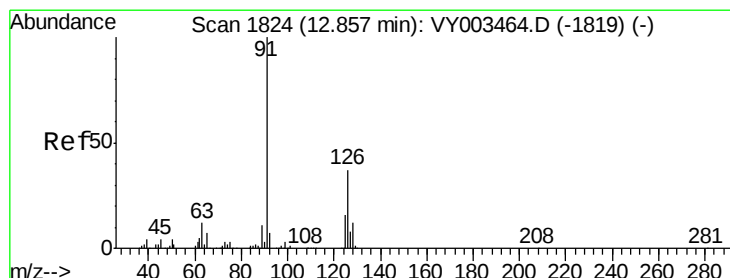
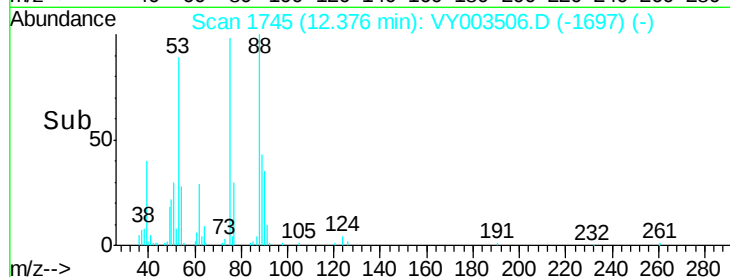
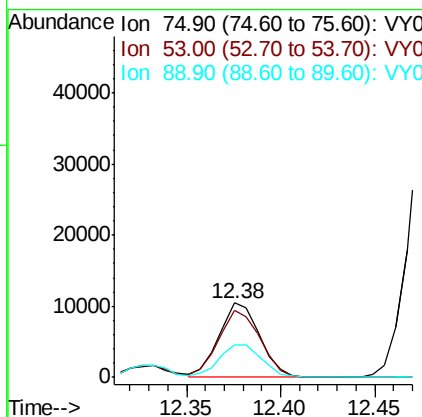
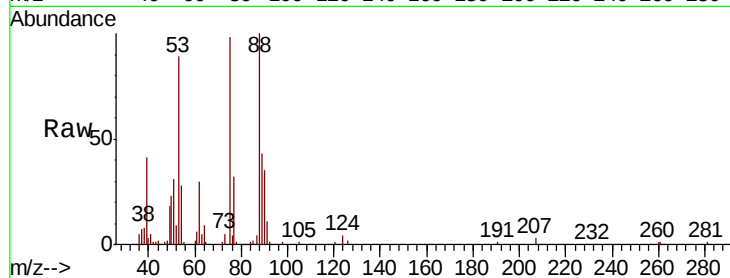
#81
trans-1,4-Dichloro-2-butene
Concen: 19.172 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.7	74.7	112.1
89	46.4	35.8	53.8

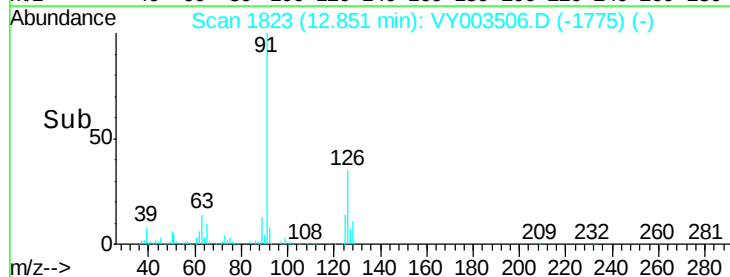
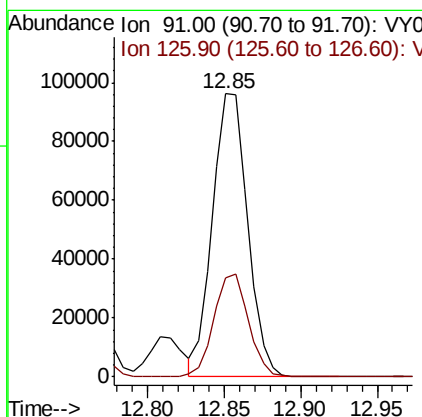
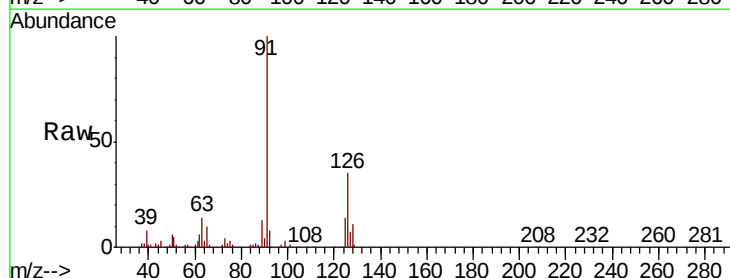
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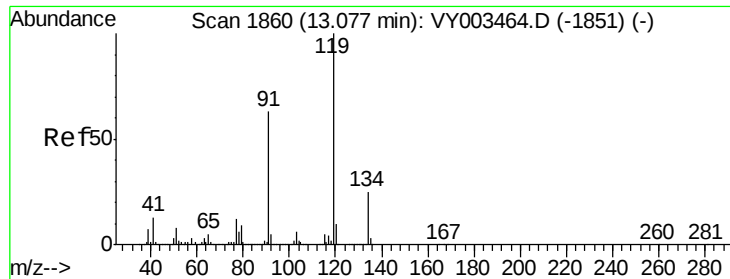
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#82
4-Chlorotoluene
Concen: 21.234 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.6	52.8





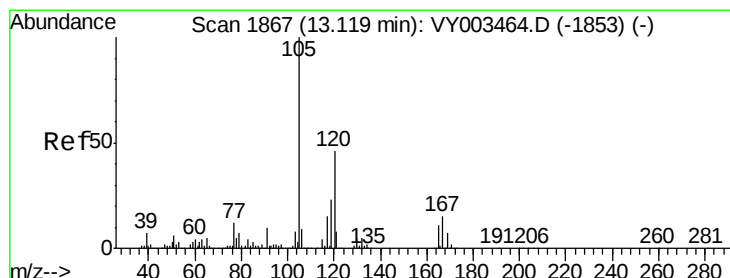
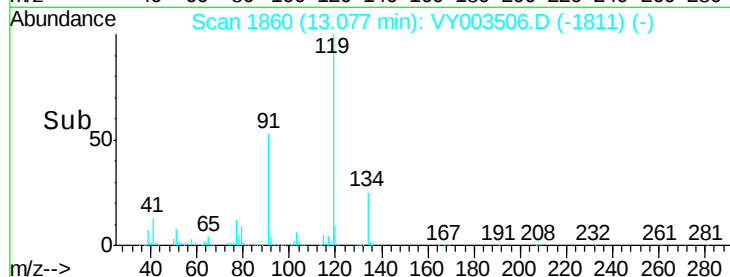
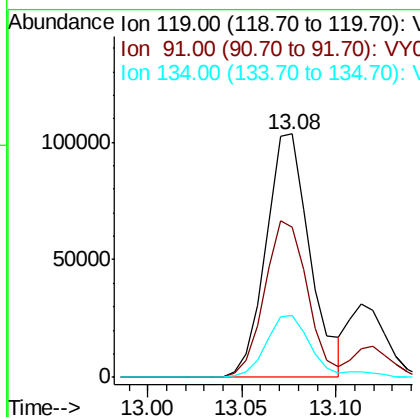
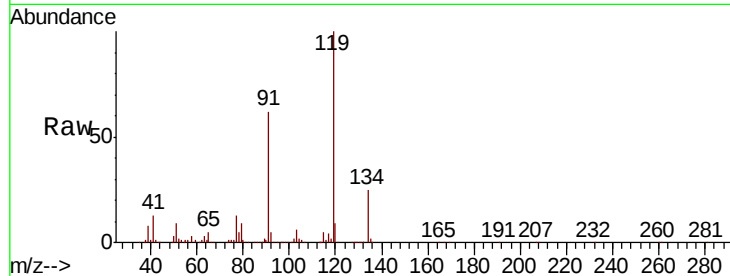
#83
tert-Butylbenzene
Concen: 21.618 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	167841		
91	62.6	31.1	93.2	
134	26.8	13.4	40.1	

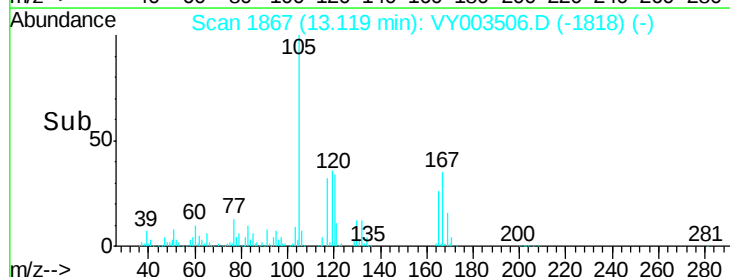
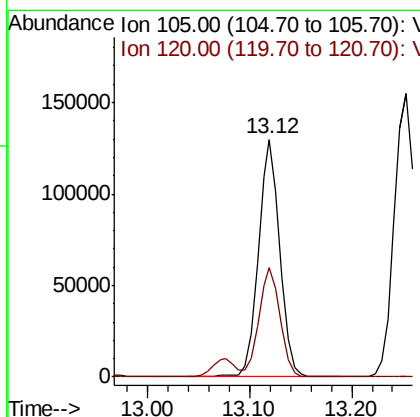
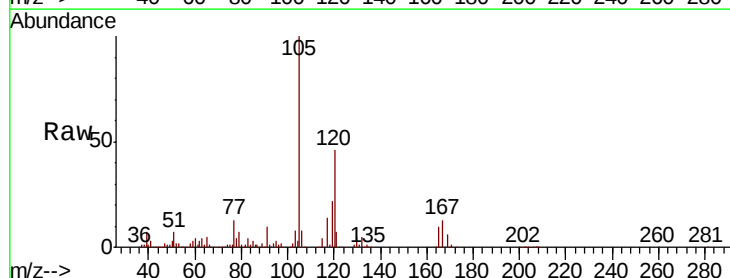
Manual Integrations
APPROVED

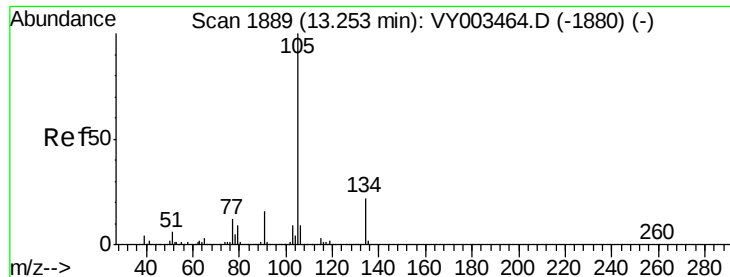
MMDadoda
11/5/2020 7:01:51 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.718 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	190011		
120	46.1	22.9	68.8	





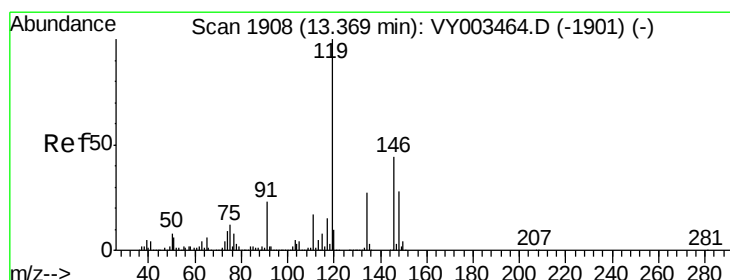
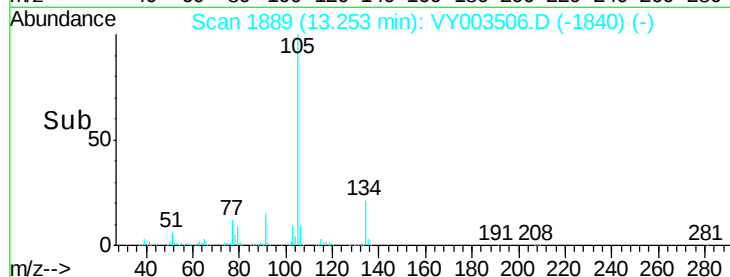
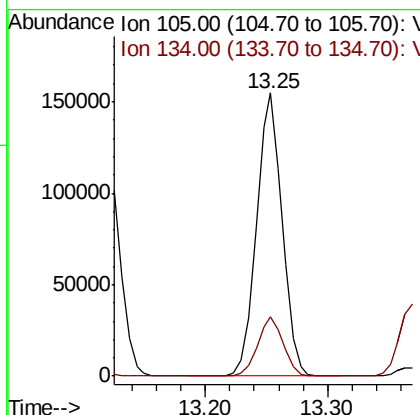
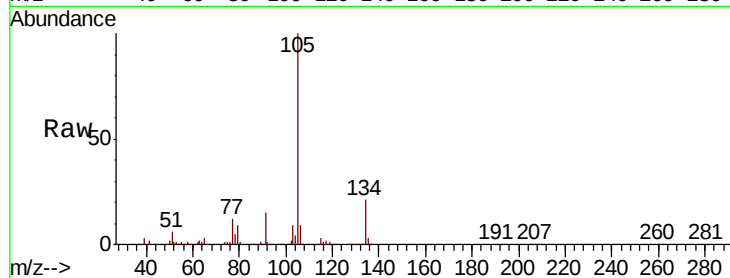
#85
 sec-Butylbenzene
 Concen: 21.463 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.6	31.8

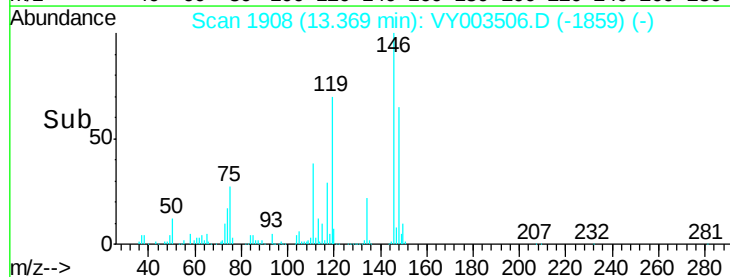
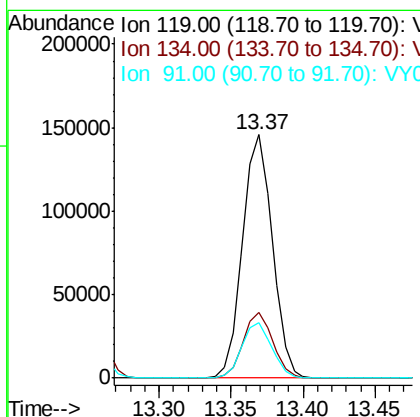
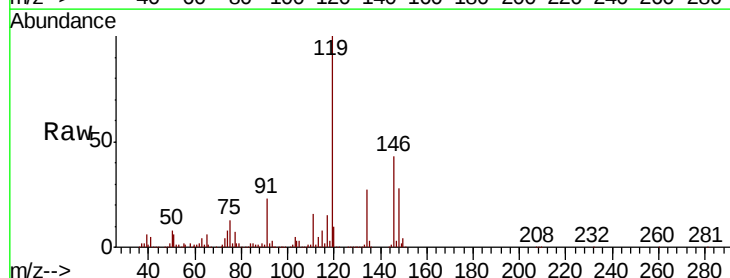
Manual Integrations
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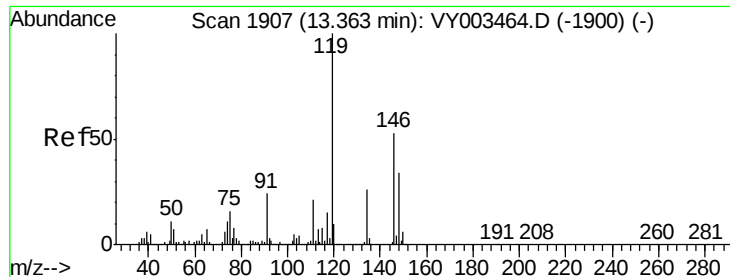
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#86
 p-Isopropyltoluene
 Concen: 21.406 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.6	40.7
91	22.9	11.4	34.2





#87

1,3-Dichlorobenzene

Concen: 21.679 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

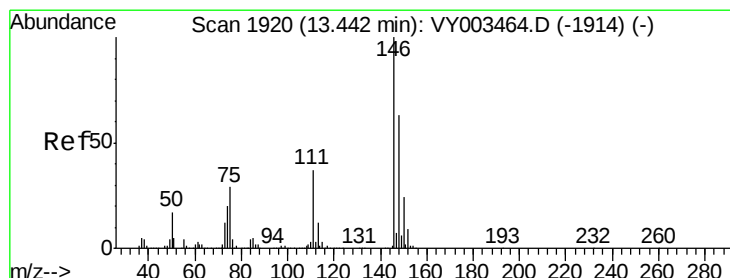
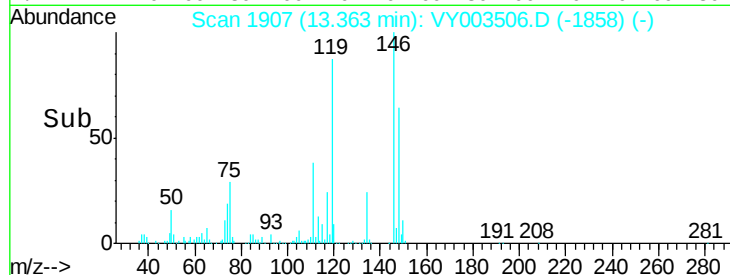
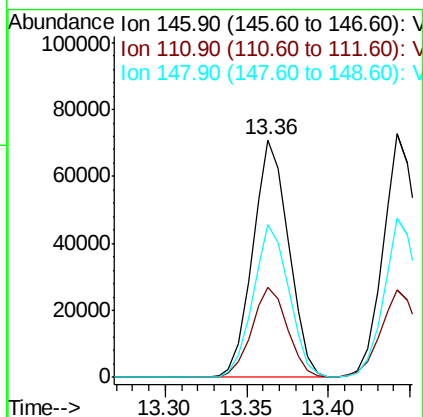
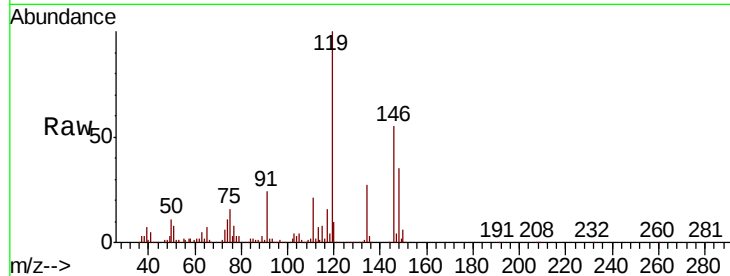
Instrument :
MSVOA_Y

ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	64.1	32.4	97.0

Manual Integrations
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11/5/2020 7:01:51 PM



#88

1,4-Dichlorobenzene

Concen: 21.810 ug/l

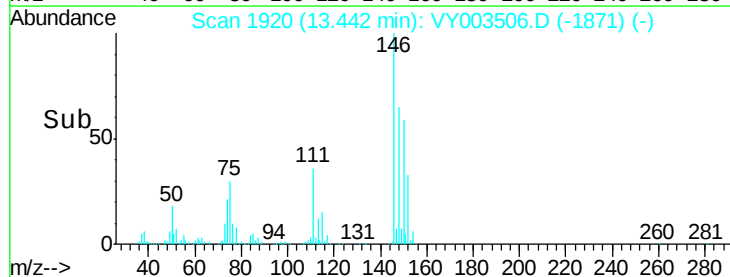
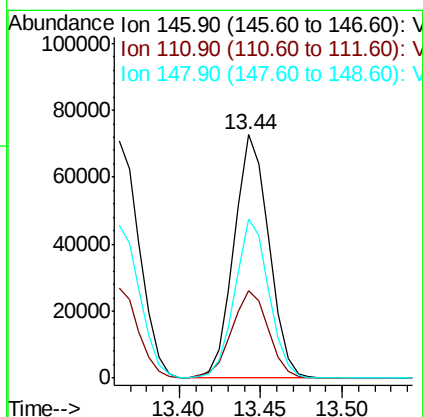
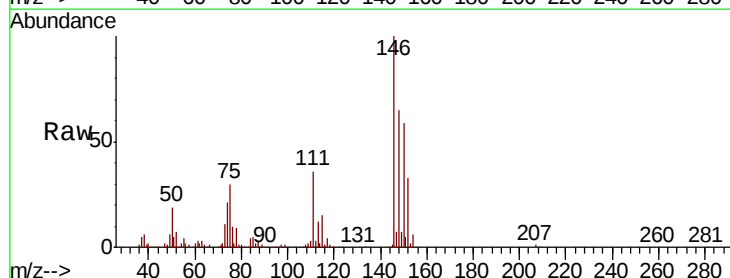
RT: 13.44 min Scan# 1920

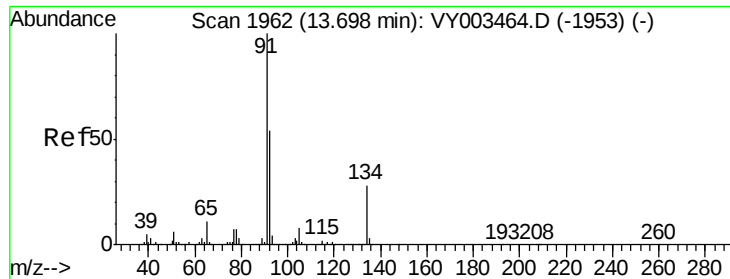
Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.3	54.8
148	63.6	32.0	96.0





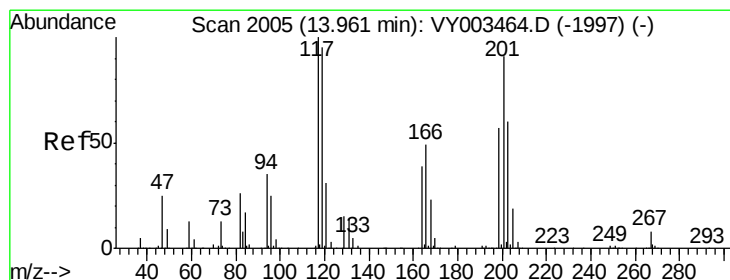
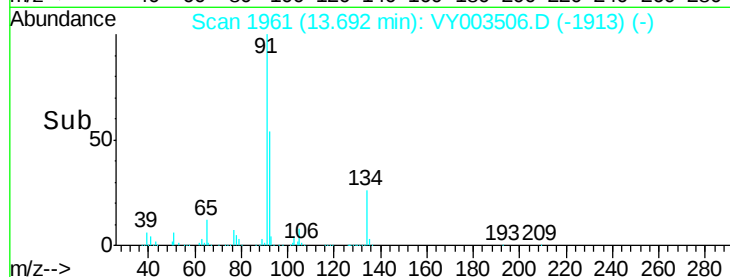
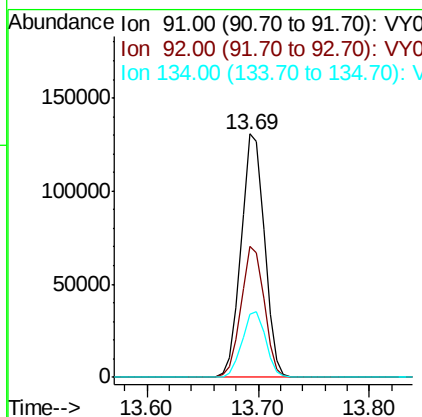
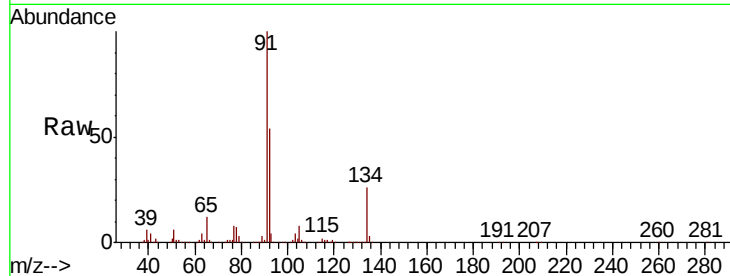
#89
n-Butylbenzene
Concen: 21.377 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.5	26.7	80.1	
134	27.2	13.8	41.3	

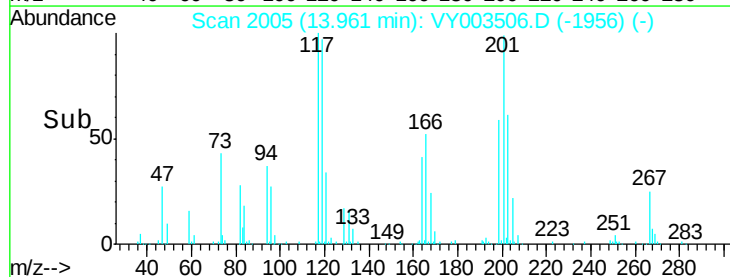
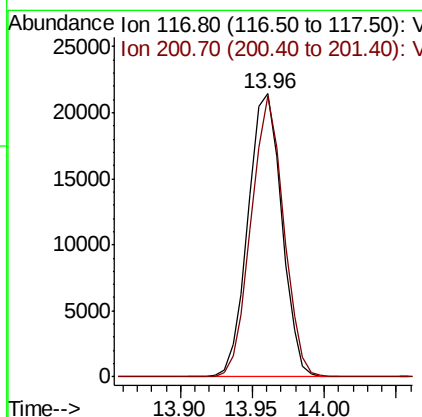
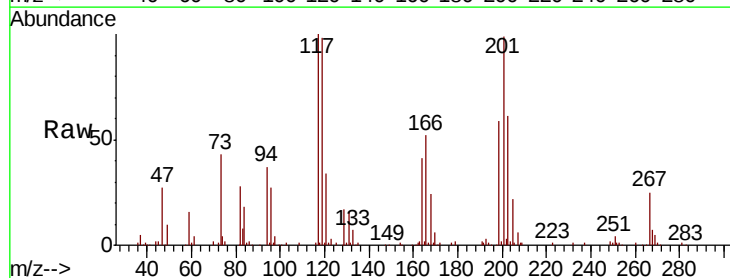
Manual Integrations
APPROVED

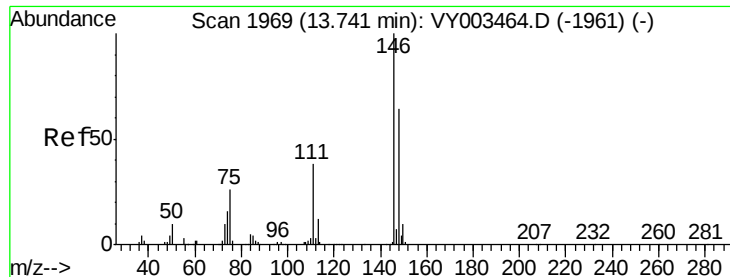
MMDadoda
11/5/2020 7:01:51 PM



#90
Hexachloroethane
Concen: 21.185 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	95.1	46.6	139.8	





#91

1,2-Dichlorobenzene

Concen: 21.568 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Instrument :

MSVOA_Y

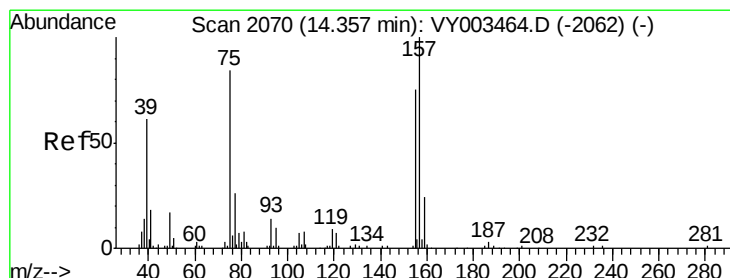
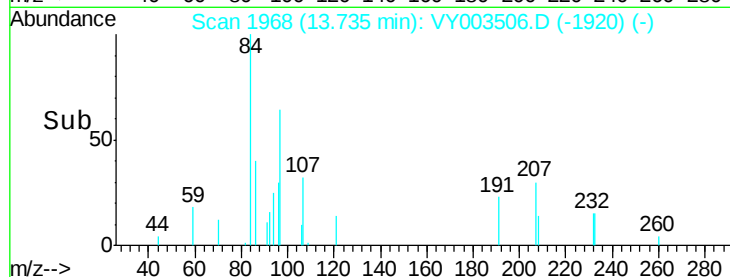
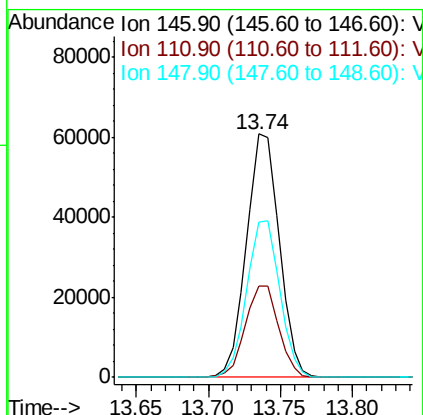
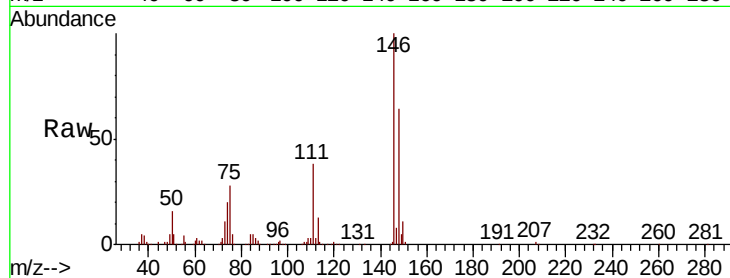
ClientSampleId :

VY1104SBS01

Tot Ion:	146	Resp:	95816
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.3	57.8
148	64.9	32.3	96.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.320 ug/l

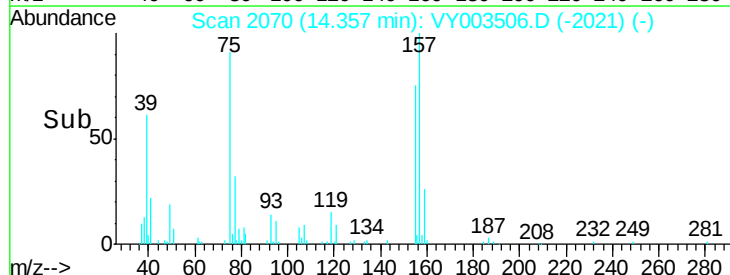
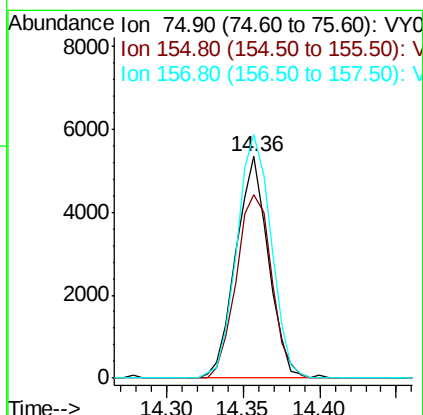
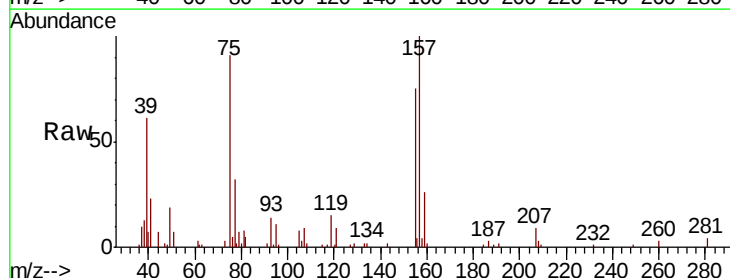
RT: 14.36 min Scan# 2070

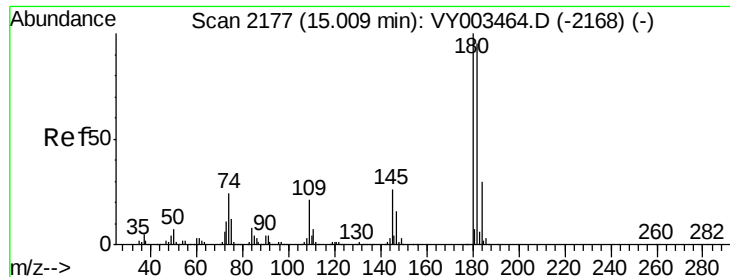
Delta R.T. 0.00 min

Lab File: VY003506.D

Acq: 04 Nov 2020 12:02

Tgt Ion:	75	Resp:	7893
Ion Ratio	Lower	Upper	
75	100		
155	89.8	45.6	136.7
157	115.6	60.3	180.8





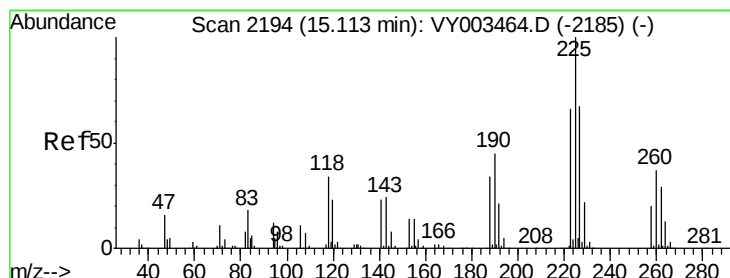
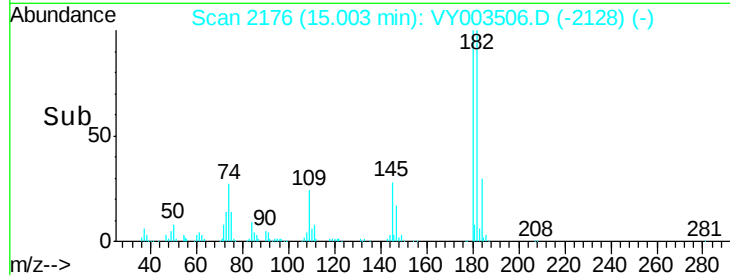
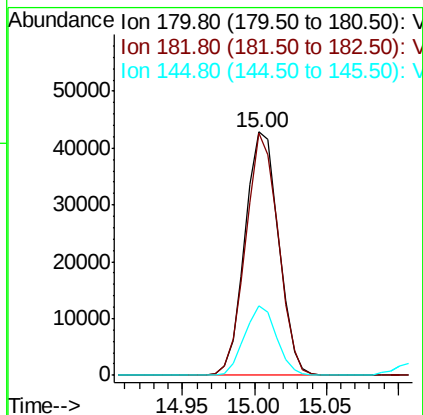
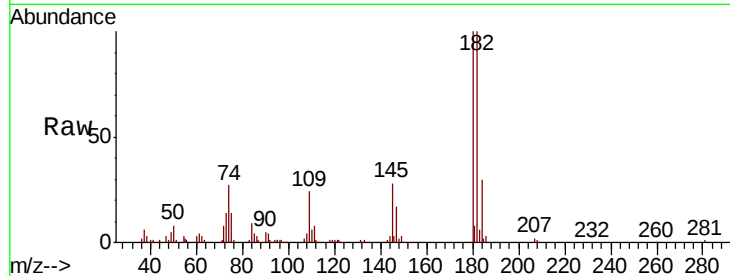
#93
 1,2,4-Trichlorobenzene
 Concen: 21.965 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	69020		
182	96.2	48.1	144.3	
145	27.2	13.8	41.3	

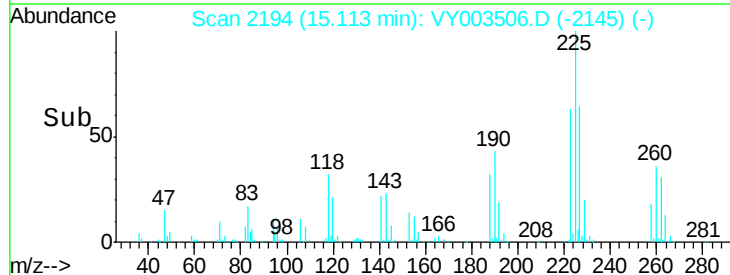
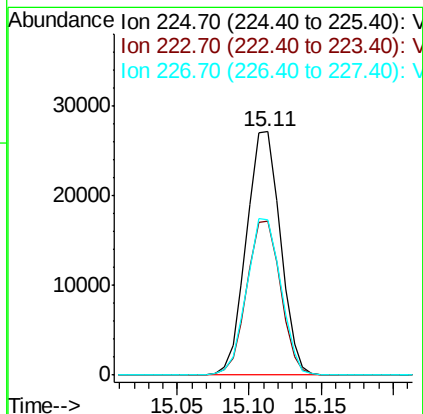
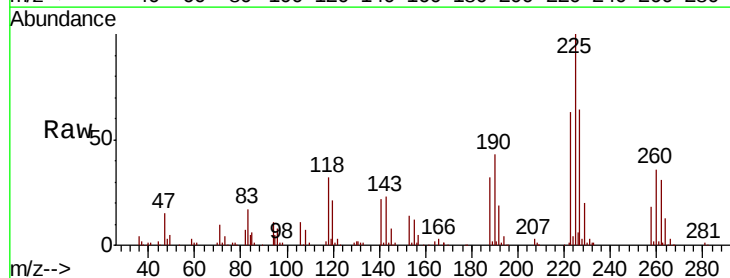
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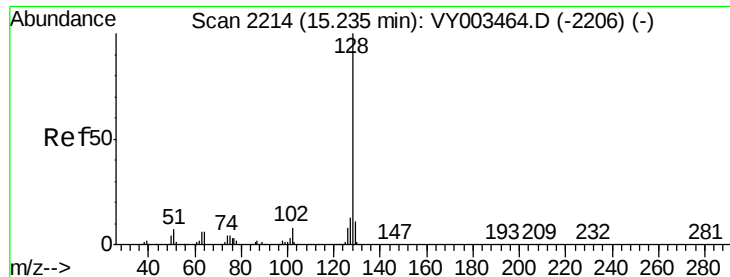
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#94
 Hexachlorobutadiene
 Concen: 21.999 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003506.D
 Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44469		
223	62.8	32.1	96.3	
227	64.4	32.4	97.2	





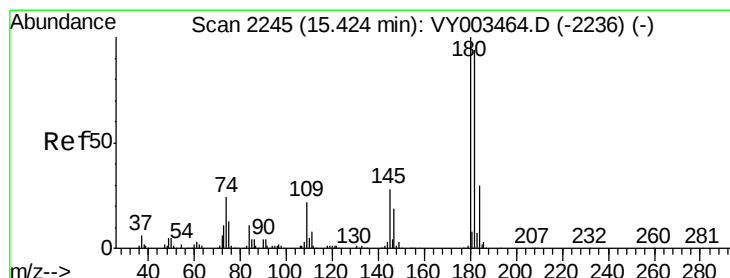
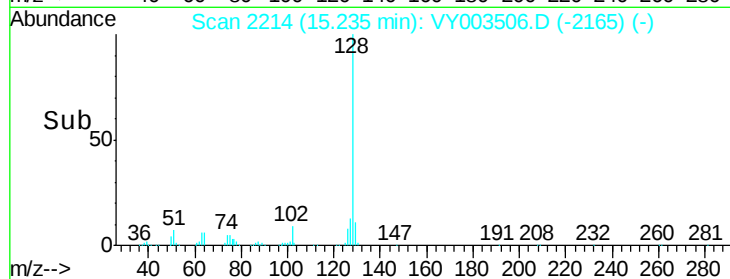
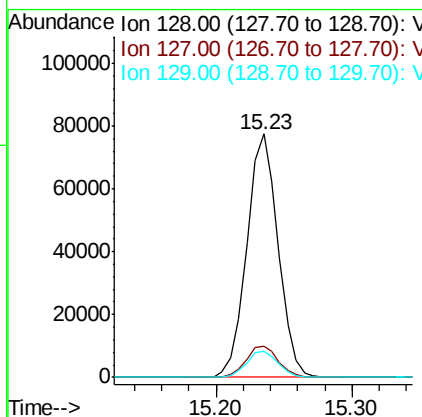
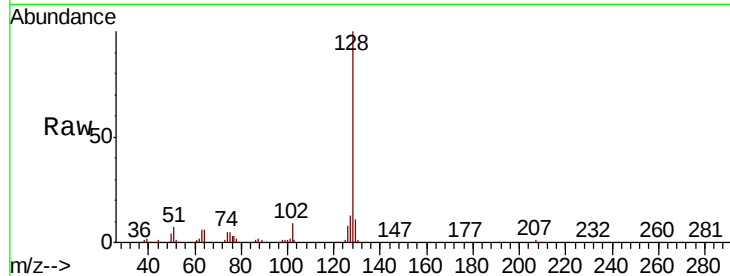
#95
Naphthalene
Concen: 19.790 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.736 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003506.D
Acq: 04 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.9	140.7
145	29.0	14.4	43.2

