

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003484.D
 Acq On : 03 Nov 2020 12:10
 Operator : SY/MD
 Sample : VY1103SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:57:41 AM

Quant Time: Nov 04 00:38:01 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	238438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	343905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	308157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	122245	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
35) Dibromofluoromethane	7.73	113	104125	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	10.18	98	428756	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.48	95	142605	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	38851	20.594	ug/l	99
3) Chloromethane	2.12	50	51493	20.733	ug/l	97
4) Vinyl Chloride	2.26	62	57349	20.571	ug/l	98
5) Bromomethane	2.65	94	45907	19.709	ug/l	96
6) Chloroethane	2.80	64	36072	21.709	ug/l	98
7) Trichlorofluoromethane	3.13	101	73894	20.882	ug/l	96
8) Diethyl Ether	3.54	74	24108	22.216	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41798	21.371	ug/l	99
10) Methyl Iodide	4.10	142	40840	23.075	ug/l	100
11) Tert butyl alcohol	4.97	59	36011	138.960	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	41479	21.316	ug/l	99
13) Acrolein	3.74	56	23266	114.689	ug/l	99
14) Allyl chloride	4.49	41	75481	21.261	ug/l	100
15) Acrylonitrile	5.18	53	62654	108.165	ug/l	99
16) Acetone	3.96	43	79042	98.021	ug/l	99
17) Carbon Disulfide	4.21	76	135028	21.419	ug/l	98
18) Methyl Acetate	4.49	43	32481	21.315	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	106344	22.064	ug/l	96
20) Methylene Chloride	4.73	84	50833	22.384	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	47477	21.070	ug/l	98
22) Diisopropyl ether	6.14	45	137813	22.132	ug/l	94
23) Vinyl Acetate	6.08	43	514252	109.899	ug/l	99
24) 1,1-Dichloroethane	6.04	63	86727	21.918	ug/l	99
25) 2-Butanone	7.00	43	105539	104.645	ug/l	96
26) 2,2-Dichloropropane	6.99	77	80029	21.709	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	52464	21.488	ug/l	98
28) Bromochloromethane	7.35	49	40667	20.429	ug/l	96
29) Tetrahydrofuran	7.36	42	58130	110.304	ug/l	99
30) Chloroform	7.52	83	85177	21.916	ug/l	98
31) Cyclohexane	7.79	56	76474	20.873	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	78936	21.771	ug/l	99
36) 1,1-Dichloropropene	7.93	75	67855	20.927	ug/l	97
37) Ethyl Acetate	7.08	43	43849	21.778	ug/l	99
38) Carbon Tetrachloride	7.91	117	69956	20.797	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	75332	20.865	ug/l	97
40) Benzene	8.17	78	193151	21.405	ug/l	99
41) Methacrylonitrile	7.33	41	21867m	20.338	ug/l	
42) 1,2-Dichloroethane	8.25	62	60420	21.370	ug/l	99
43) Isopropyl Acetate	8.28	43	77862	21.518	ug/l	99
44) Trichloroethene	8.94	130	53242	21.018	ug/l	99
45) 1,2-Dichloropropane	9.22	63	49539	21.739	ug/l	99
46) Dibromomethane	9.31	93	26710	21.305	ug/l	99
47) Bromodichloromethane	9.50	83	65931	21.486	ug/l	100
48) Methyl methacrylate	9.30	41	36105	21.182	ug/l	98
49) 1,4-Dioxane	9.30	88	6696	428.054	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	211991	109.957	ug/l	99
52) Toluene	10.25	92	120614	21.371	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	69846	21.389	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	78739	21.428	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	37646	21.153	ug/l	100
56) Ethyl methacrylate	10.51	69	51849	21.751	ug/l	98
57) 1,3-Dichloropropane	10.79	76	67787	21.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	134632	111.412	ug/l	100
59) 2-Hexanone	10.83	43	151730	106.294	ug/l	98
60) Dibromochloromethane	10.99	129	46751	21.374	ug/l	99
61) 1,2-Dibromoethane	11.09	107	36727	21.376	ug/l	98
64) Tetrachloroethene	10.72	164	49981	21.718	ug/l	96
65) Chlorobenzene	11.52	112	128742	21.505	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	48981	21.694	ug/l	99
67) Ethyl Benzene	11.60	91	230304	21.215	ug/l	99
68) m/p-Xylenes	11.70	106	175634	42.694	ug/l	99
69) o-Xylene	12.03	106	80629	21.307	ug/l	97
70) Styrene	12.05	104	137504	21.401	ug/l	99
71) Bromoform	12.20	173	32429	21.549	ug/l #	100
73) Isopropylbenzene	12.33	105	223195	21.344	ug/l	100
74) N-amyl acetate	12.14	43	64813	21.881	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	48392	21.665	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	35966m	21.234	ug/l	
77) Bromobenzene	12.61	156	56108	21.118	ug/l	97
78) n-propylbenzene	12.67	91	266594	21.644	ug/l	100
79) 2-Chlorotoluene	12.75	91	148953	21.645	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	190010	21.930	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	17382	21.419	ug/l	98
82) 4-Chlorotoluene	12.86	91	156942	21.823	ug/l	99
83) tert-Butylbenzene	13.08	119	164599	21.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	188139	21.727	ug/l	100
85) sec-Butylbenzene	13.25	105	224486	21.575	ug/l	100
86) p-Isopropyltoluene	13.37	119	206249	21.374	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	106544	21.527	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	105729	21.483	ug/l	99
89) n-Butylbenzene	13.70	91	190635	21.630	ug/l	99
90) Hexachloroethane	13.96	117	35276	21.722	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	95385	21.694	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9111	22.533	ug/l	94

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ClientSampleId :
VY1103SBSD01

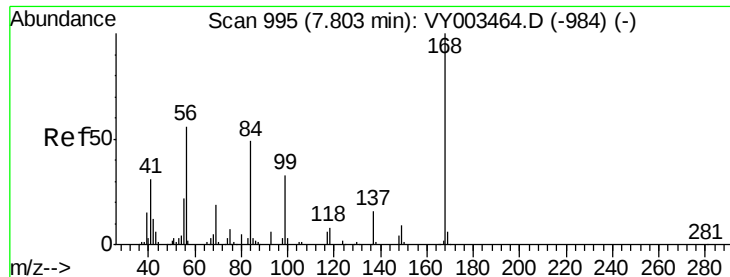
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	69355	22.300	ug/l	99
94) Hexachlorobutadiene	15.11	225	44488	22.237	ug/l	97
95) Naphthalene	15.23	128	135611	21.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	60936	21.782	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion:168 Resp: 238438

Ion Ratio Lower Upper

168 100

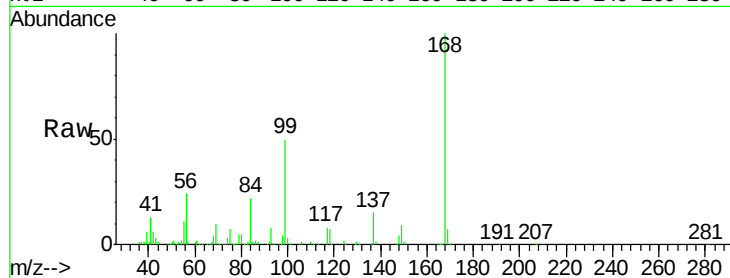
99 49.6 39.7 59.5

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

120000

100000

80000

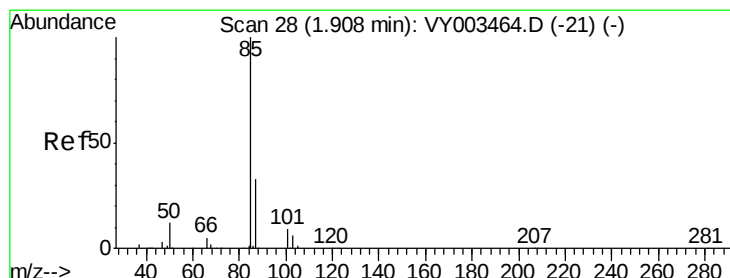
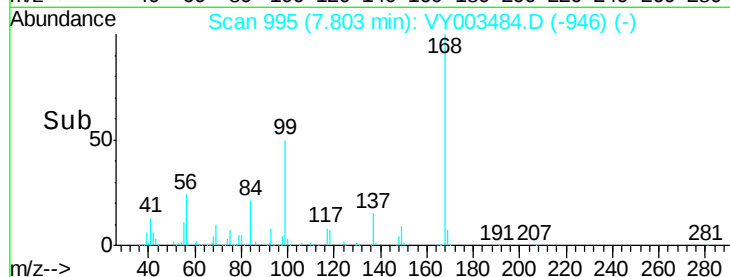
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.594 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003484.D

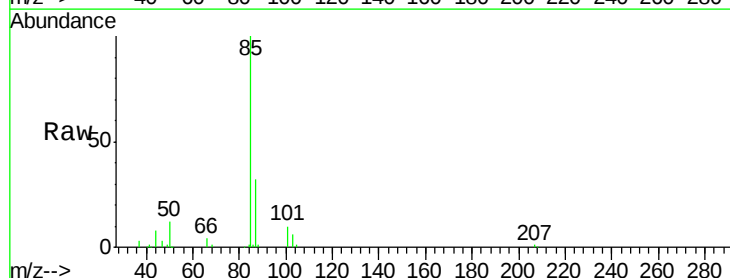
Acq: 03 Nov 2020 12:10

Tgt Ion: 85 Resp: 38851

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

30000

25000

20000

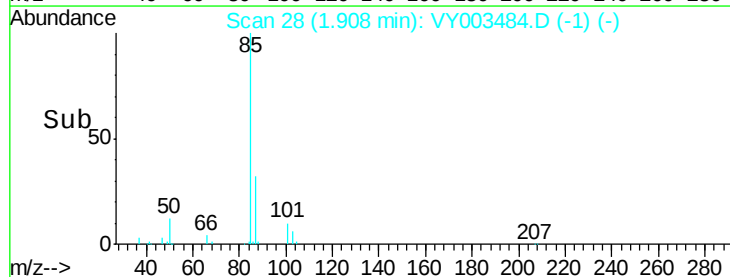
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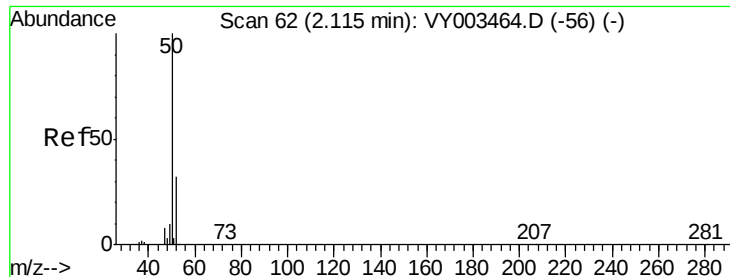
10000

5000

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Time-->





#3

Chloromethane

Concen: 20.733 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 50 Resp: 51493

Ion Ratio Lower Upper

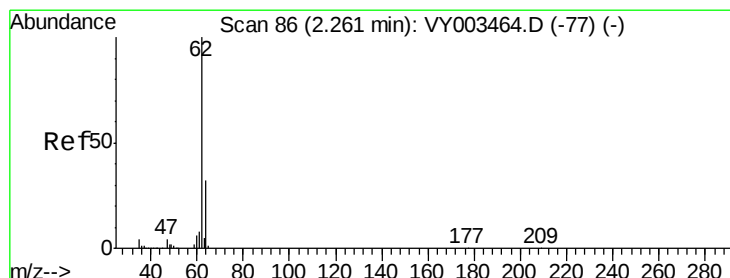
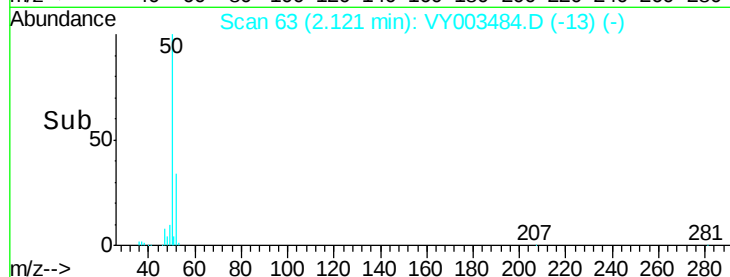
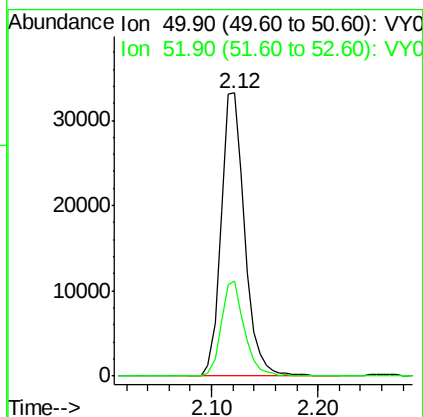
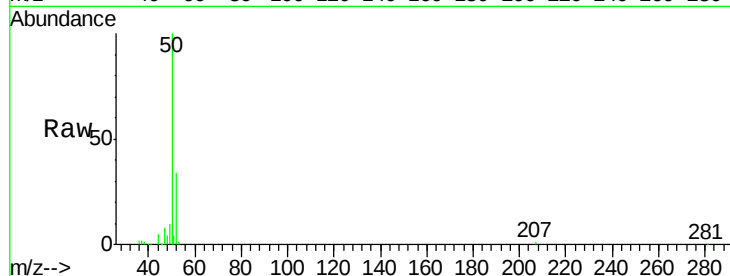
50 100

52 33.7 25.6 38.4

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#4

Vinyl Chloride

Concen: 20.571 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003484.D

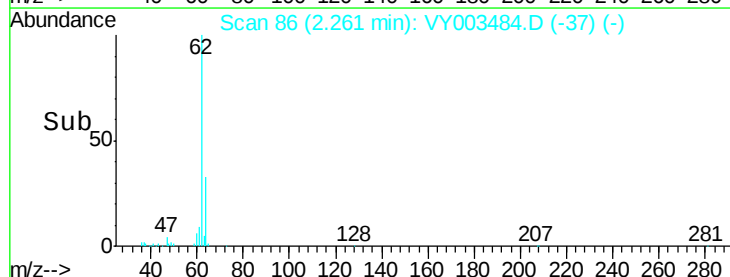
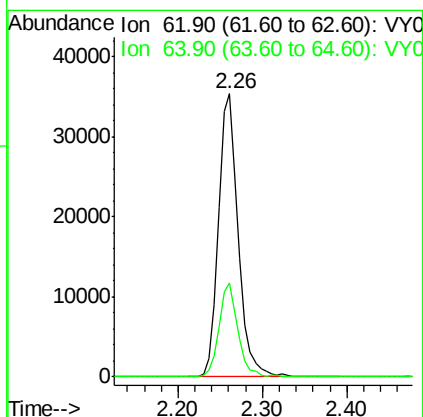
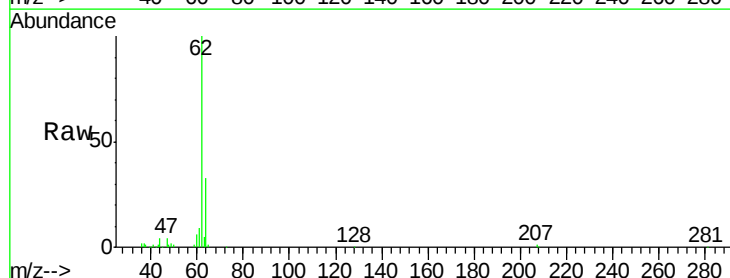
Acq: 03 Nov 2020 12:10

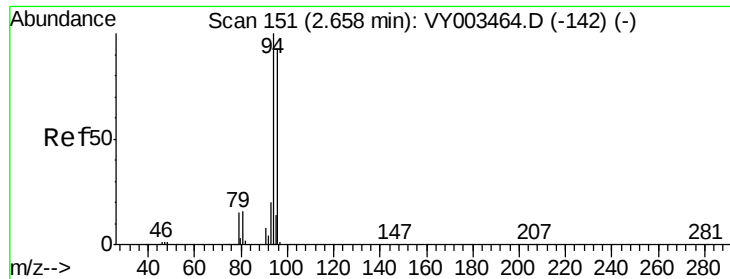
Tgt Ion: 62 Resp: 57349

Ion Ratio Lower Upper

62 100

64 33.2 25.5 38.3





#5

Bromomethane

Concen: 19.709 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 94 Resp: 45907

Ion Ratio Lower Upper

94 100

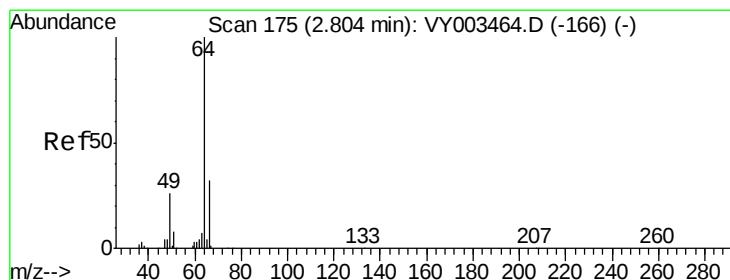
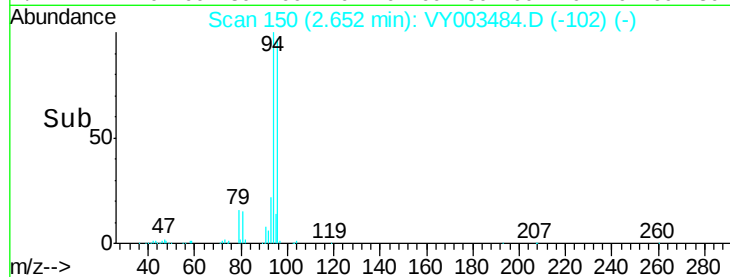
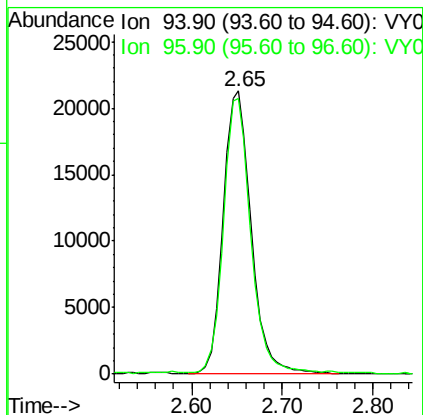
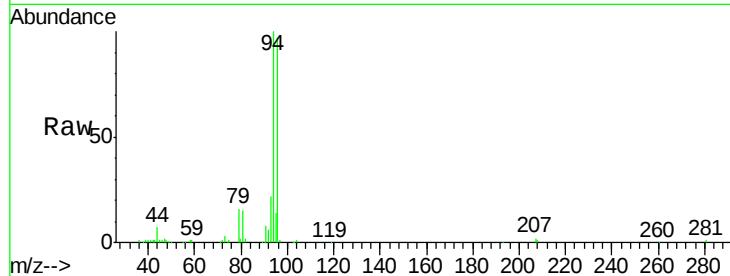
96 96.7 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 21.709 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003484.D

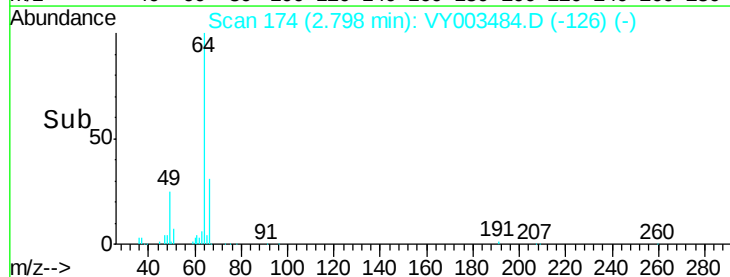
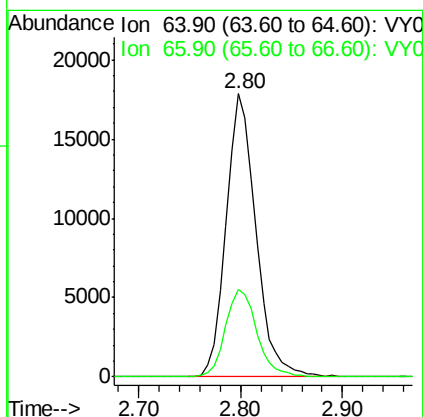
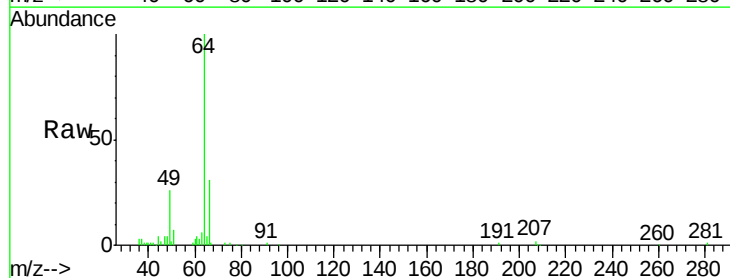
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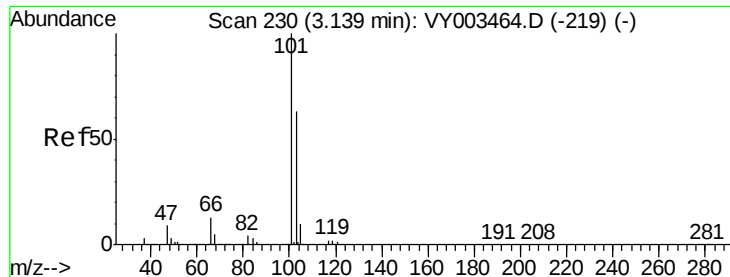
Tgt Ion: 64 Resp: 36072

Ion Ratio Lower Upper

64 100

66 31.1 25.6 38.4





#7

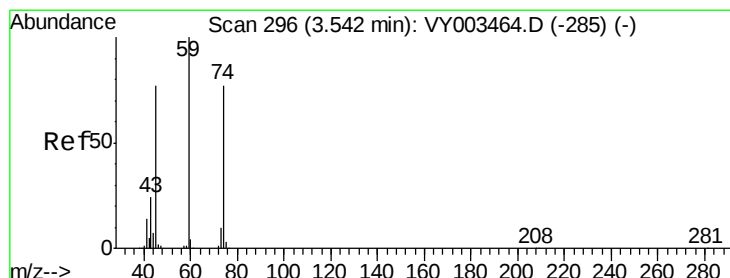
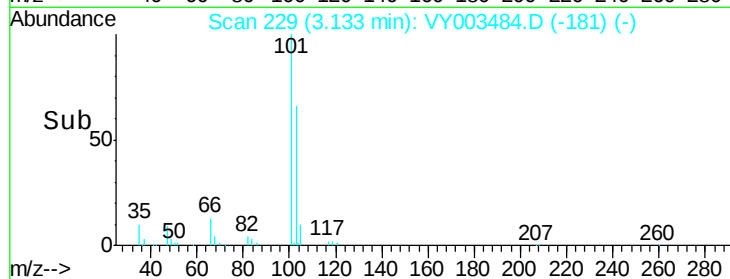
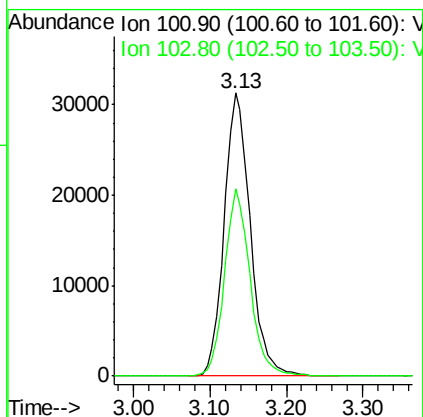
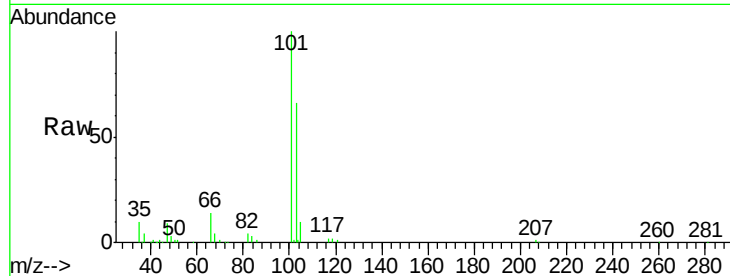
Trichlorofluoromethane
Concen: 20.882 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

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ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	50.7	76.1

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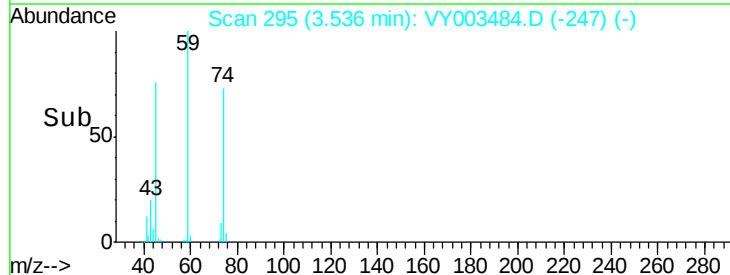
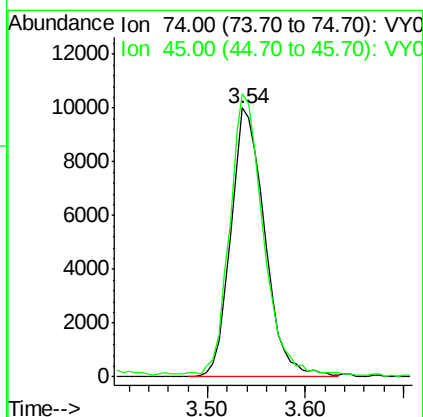
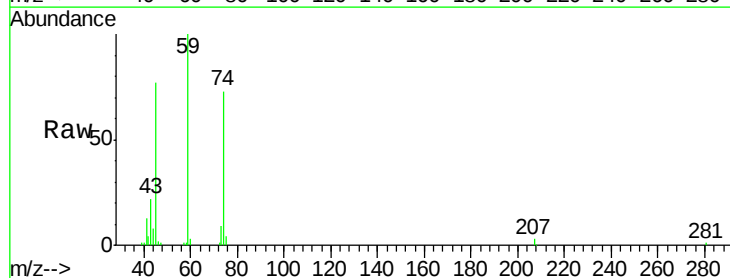
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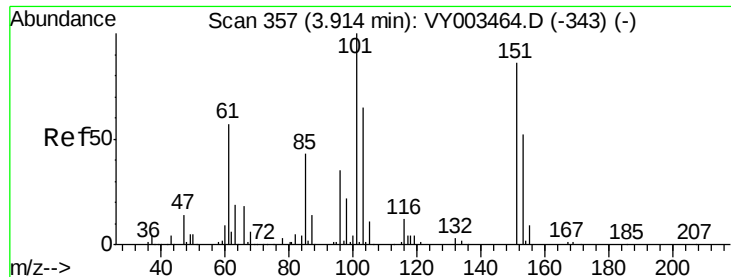


#8

Diethyl Ether
Concen: 22.216 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.371 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

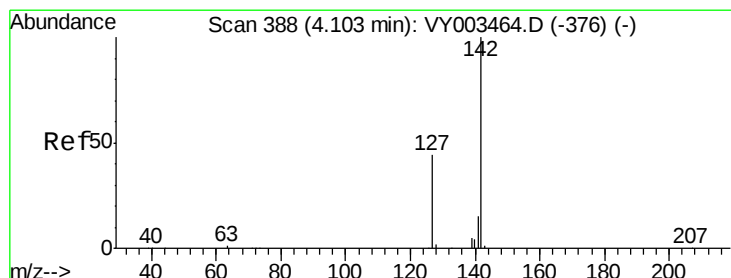
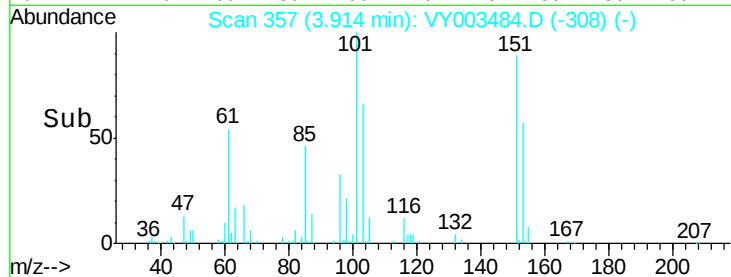
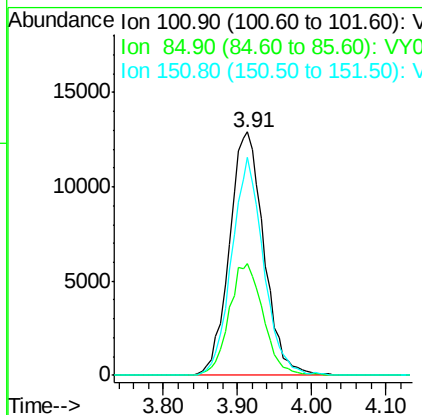
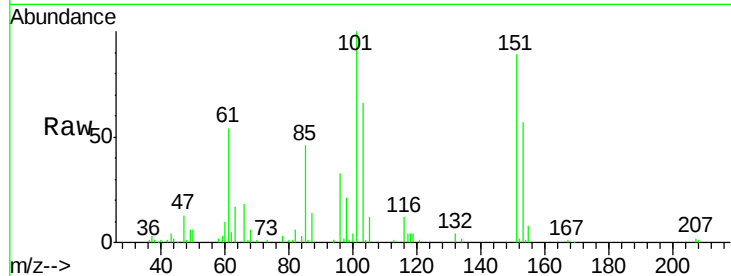
ClientSampleId :

VY1103SBS01

Tot Ion:	101	Resp:	41798
Ion Ratio	Lower	Upper	
101	100		
85	45.5	35.8	53.8
151	83.0	67.6	101.4

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#10

Methyl Iodide

Concen: 23.075 ug/l

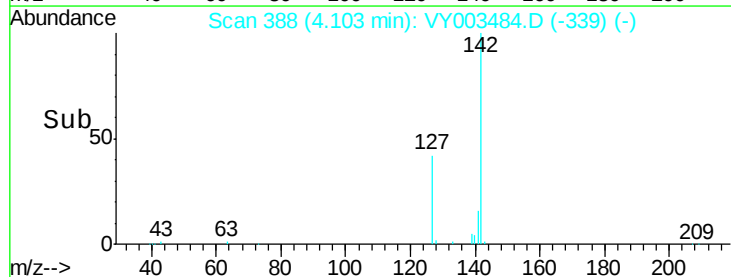
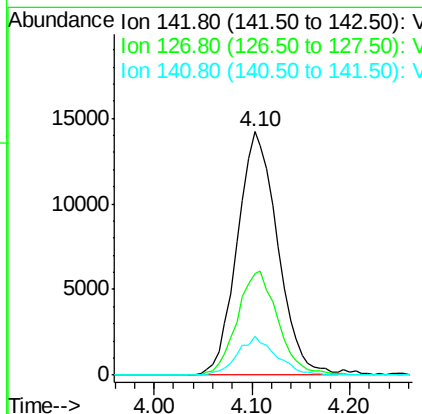
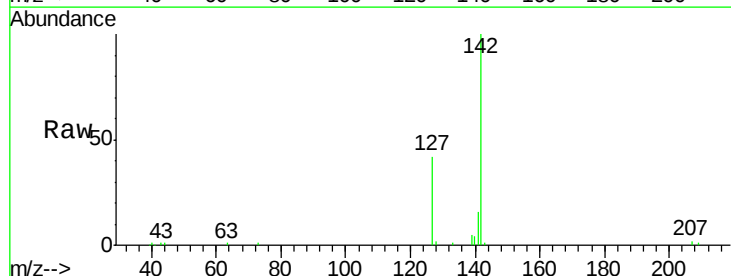
RT: 4.10 min Scan# 388

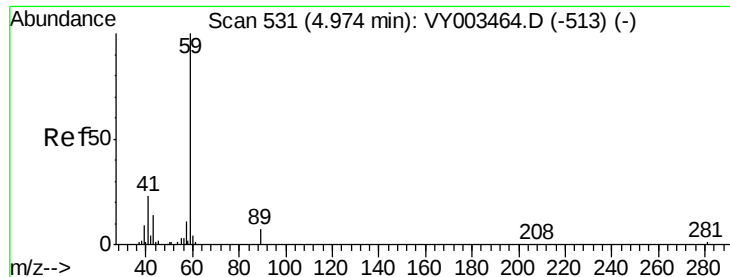
Delta R.T. 0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion:	142	Resp:	40840
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.5	51.7
141	14.9	11.8	17.8





#11

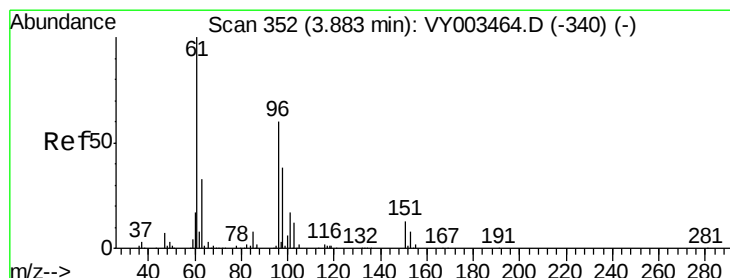
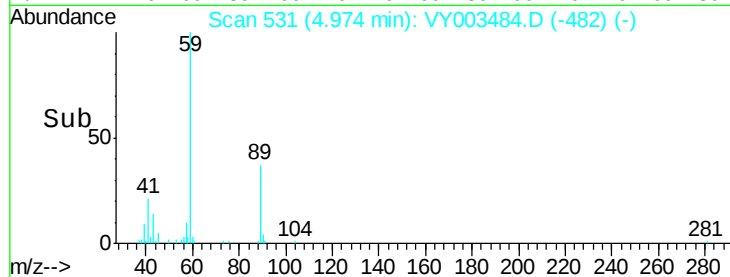
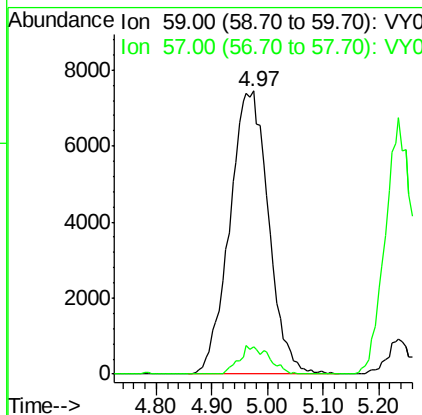
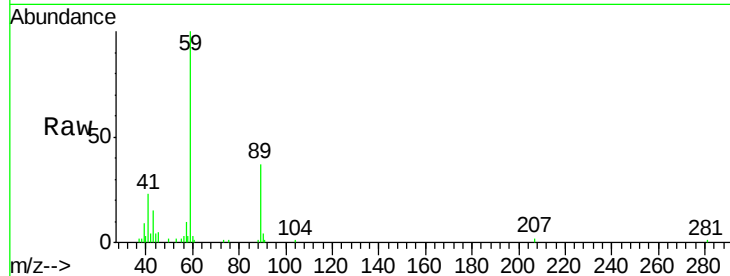
Tert butyl alcohol
Concen: 138.960 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.7	7.9	11.9#

Manual Integrations
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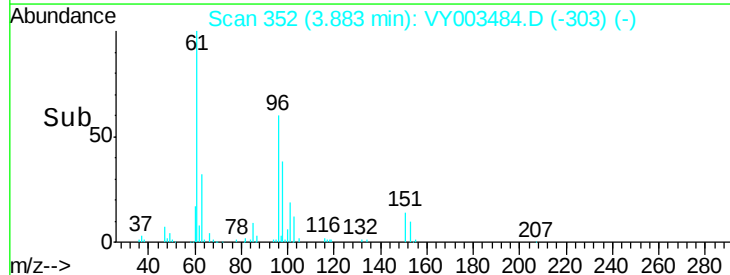
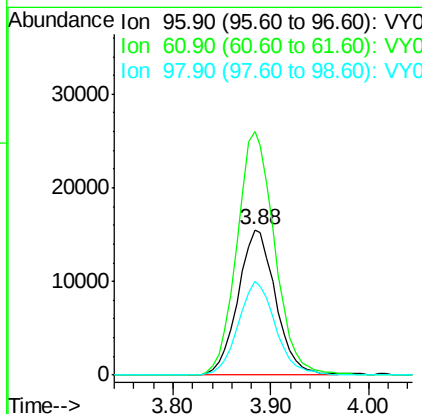
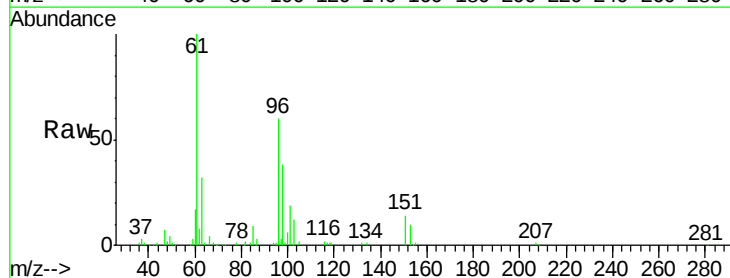
MMDadoda
11/4/2020 11:57:41 AM

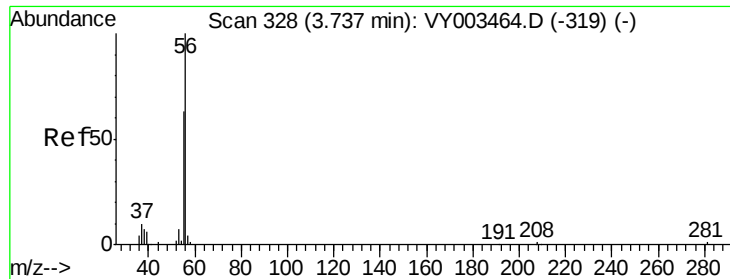


#12

1,1-Dichloroethene
Concen: 21.316 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.3	133.6	200.4
98	64.1	50.2	75.2





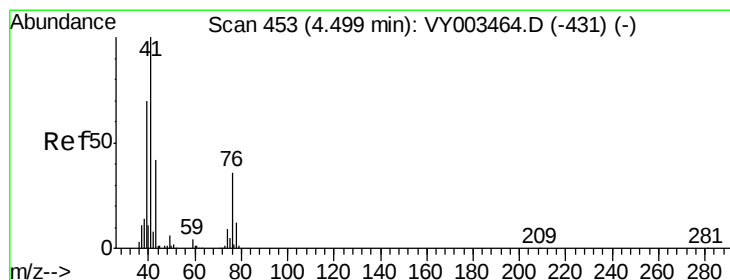
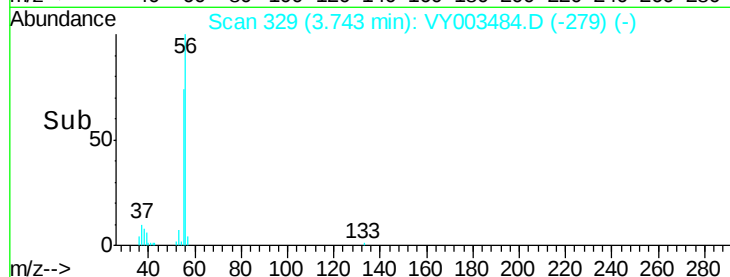
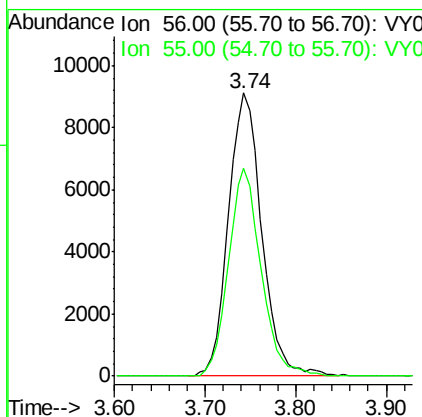
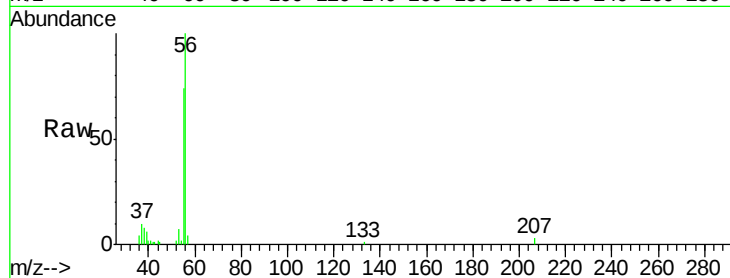
#13
Acrolein
Concen: 114.689 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.8	56.6	85.0

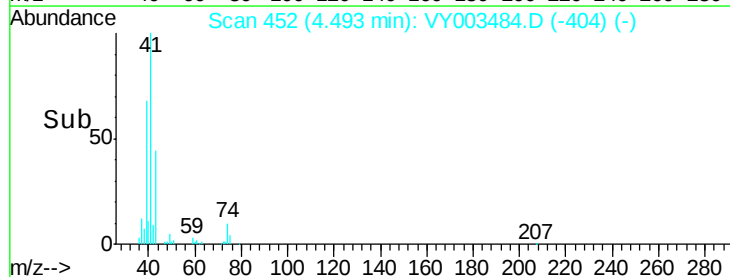
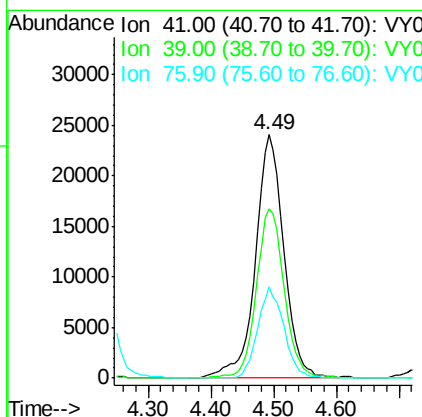
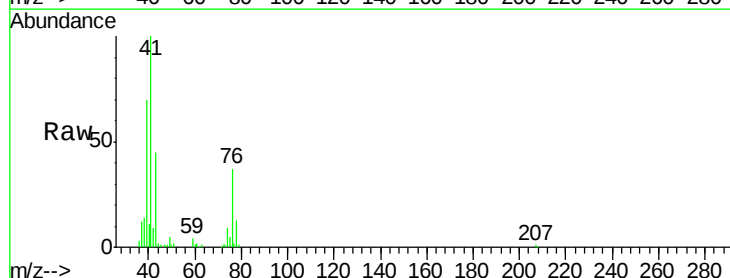
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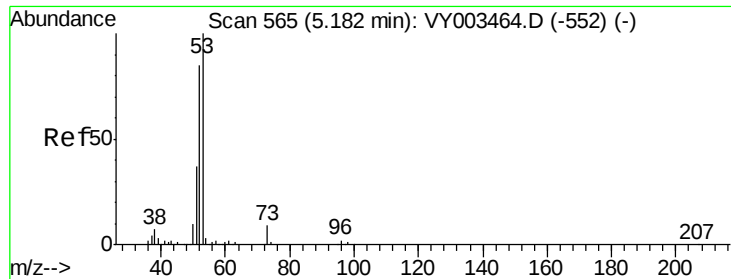
MMDadoda
11/4/2020 11:57:41 AM



#14
Allyl chloride
Concen: 21.261 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	68.4	54.4	81.6
76	76	34.3	27.6	41.4





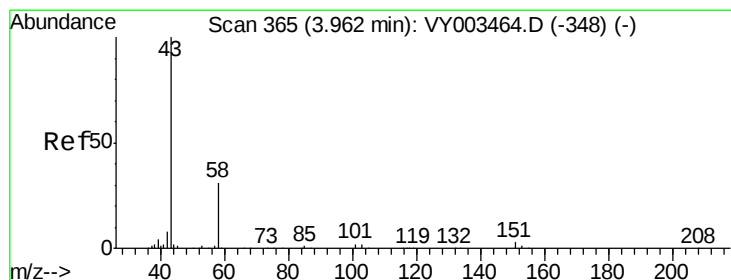
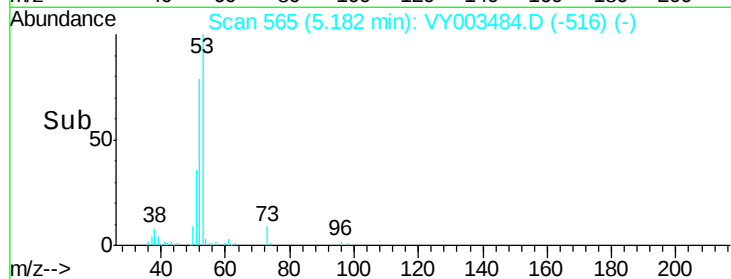
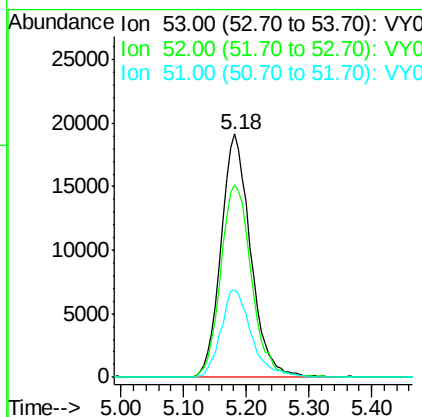
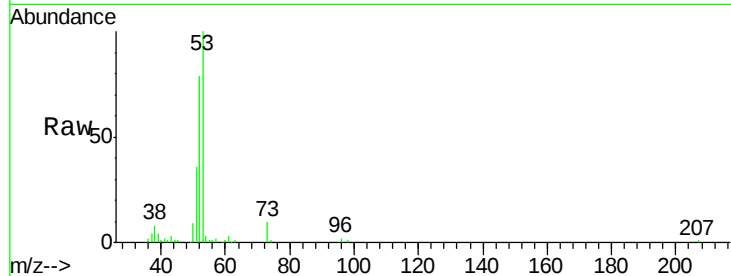
#15
 Acrylonitrile
 Concen: 108.165 ug/l
 RT: 5.18 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Tot Ion:	53	Resp:	62654
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.9	100.3
51	37.0	29.3	43.9

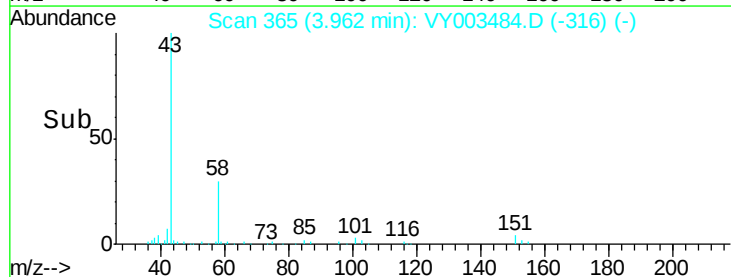
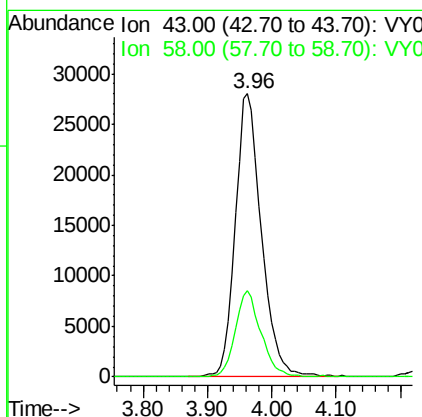
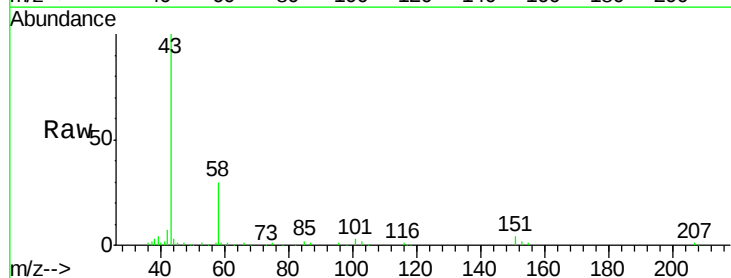
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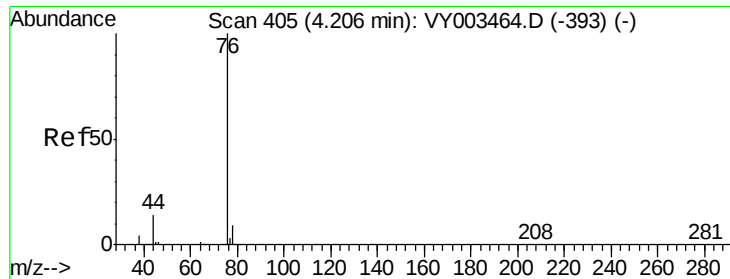
MMDadoda
 11/4/2020 11:57:41 AM



#16
 Acetone
 Concen: 98.021 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion:	43	Resp:	79042
Ion	Ratio	Lower	Upper
43	100		
58	30.4	25.0	37.4





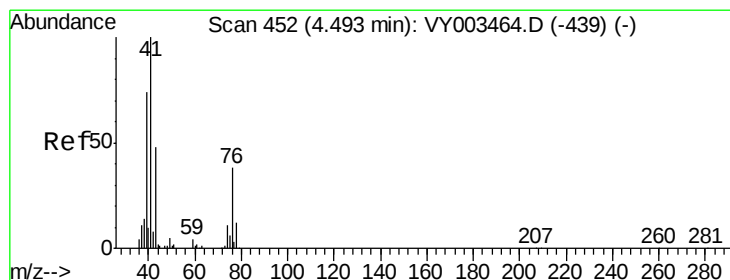
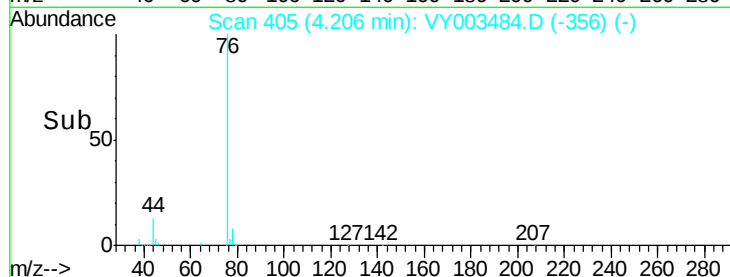
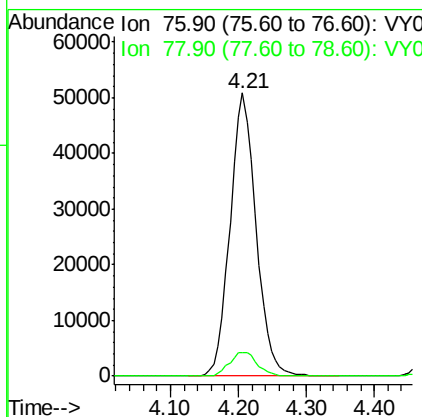
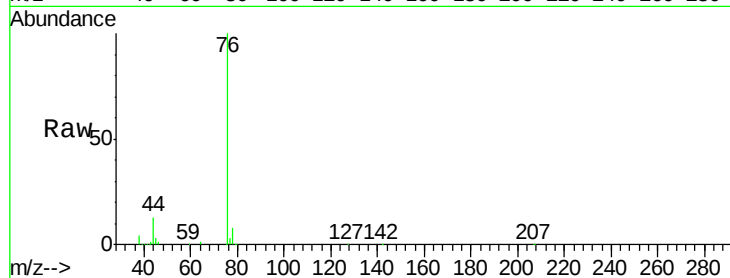
#17
Carbon Disulfide
Concen: 21.419 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.2

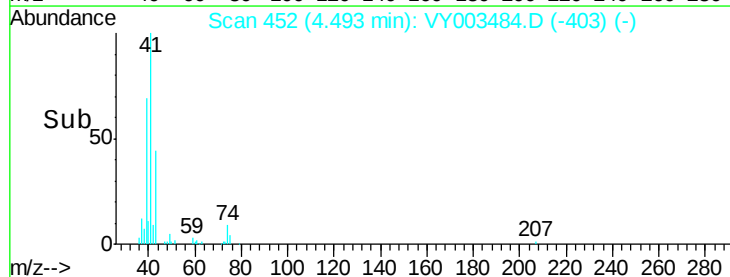
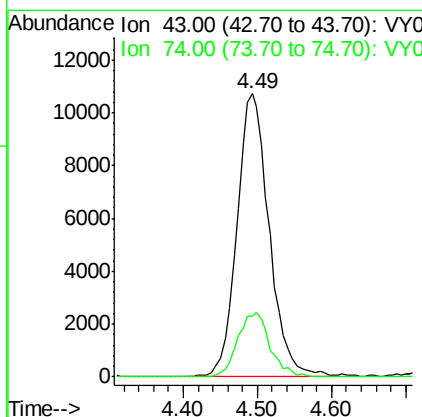
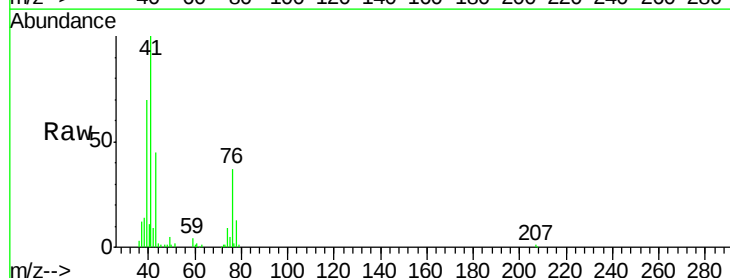
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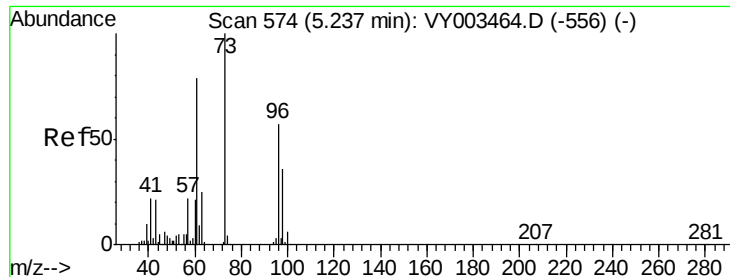
MMDadoda
11/4/2020 11:57:41 AM



#18
Methyl Acetate
Concen: 21.315 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.4	27.6





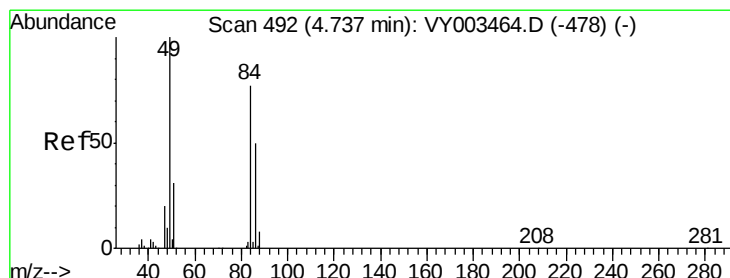
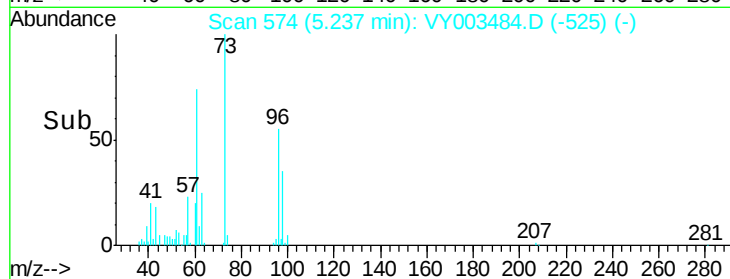
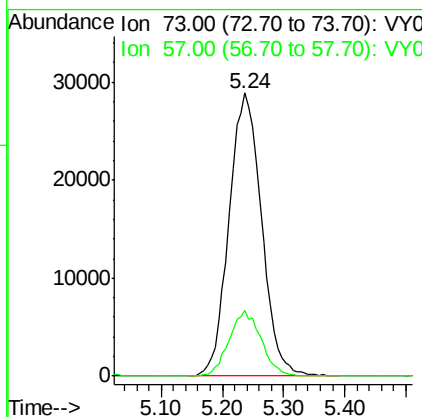
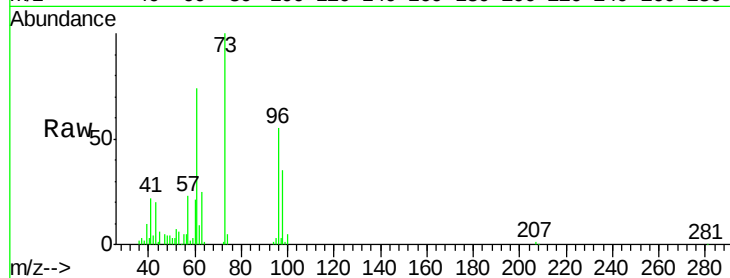
#19
Methvl tert-butvl Ether
Concen: 22.064 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.2	25.8

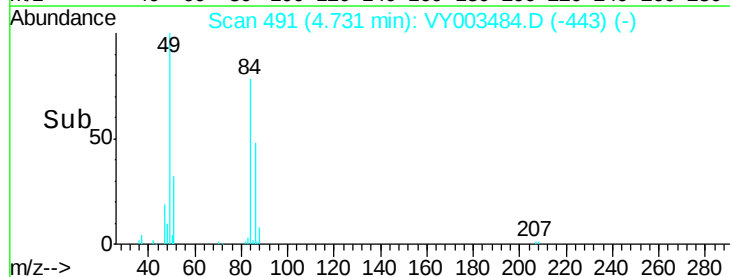
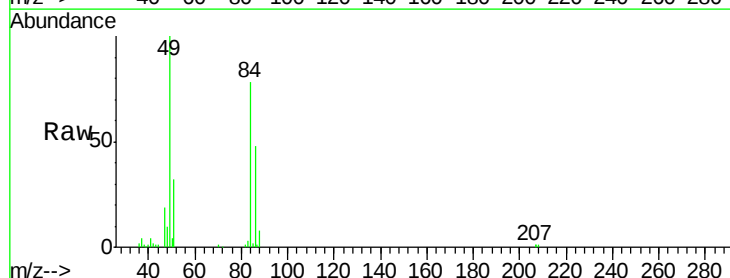
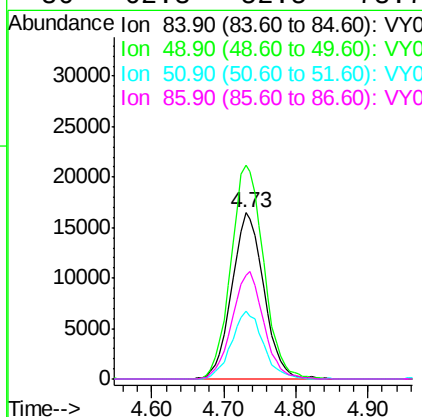
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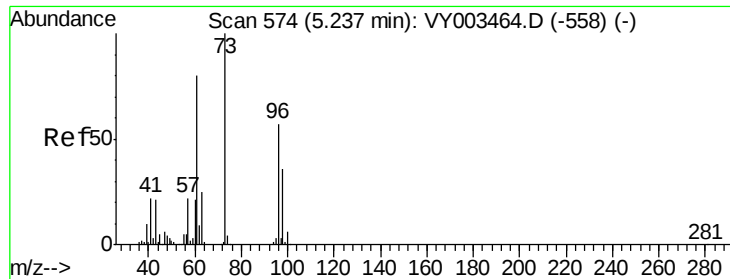
MMDadoda
11/4/2020 11:57:41 AM



#20
Methylene Chloride
Concen: 22.384 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.5	104.3	156.5
51	40.5	32.5	48.7
86	62.3	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 21.070 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

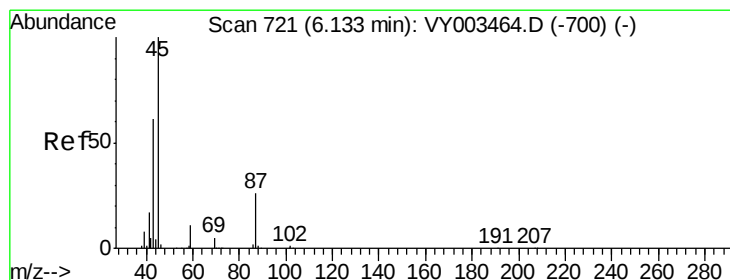
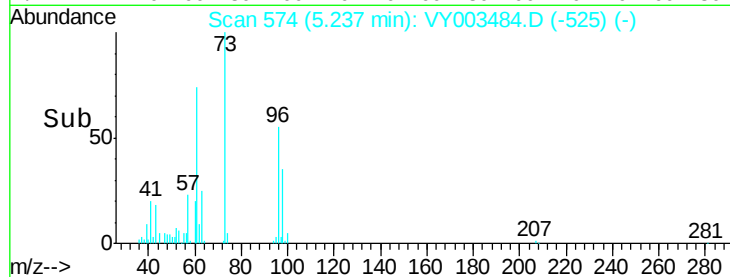
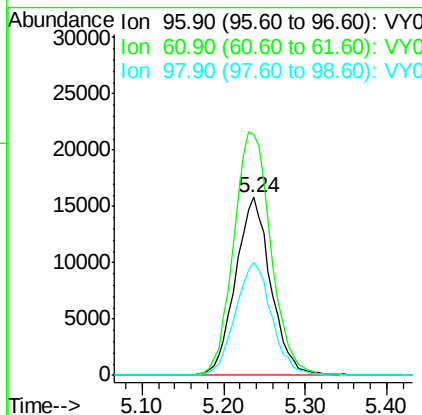
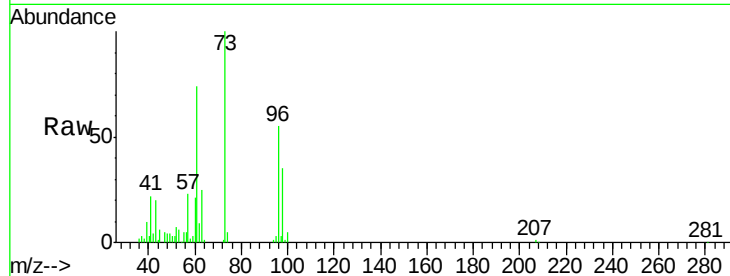
ClientSampleId :

VY1103SBS01

Tot Ion:	96	Resp:	47477
Ion	Ratio	Lower	Upper
96	100		
61	135.4	111.3	166.9
98	63.4	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.132 ug/l

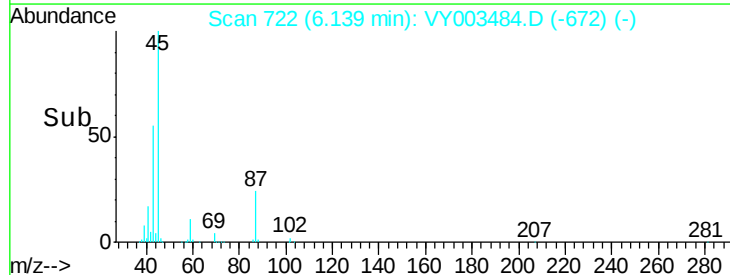
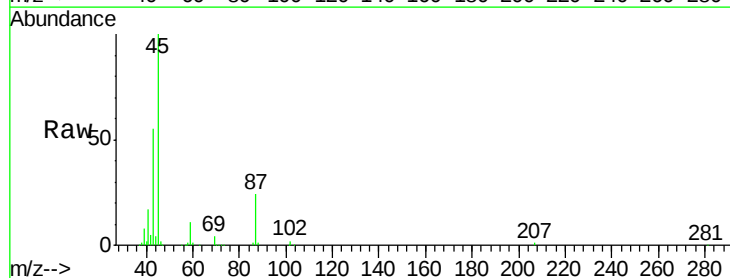
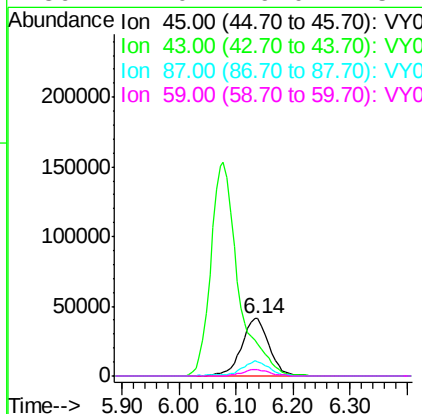
RT: 6.14 min Scan# 722

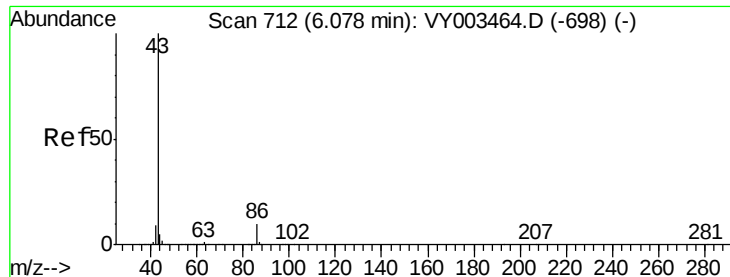
Delta R.T. 0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion:	45	Resp:	137813
Ion	Ratio	Lower	Upper
45	100		
43	54.9	48.8	73.2
87	23.9	20.6	31.0
59	11.0	9.0	13.4





#23

Vinyl Acetate

Concen: 109.899 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 43 Resp: 514252

Ion Ratio Lower Upper

43 100

86 9.8

8.2

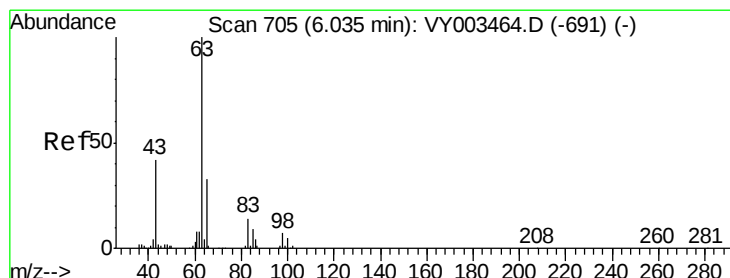
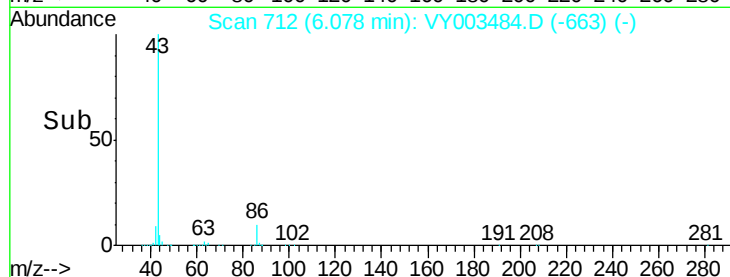
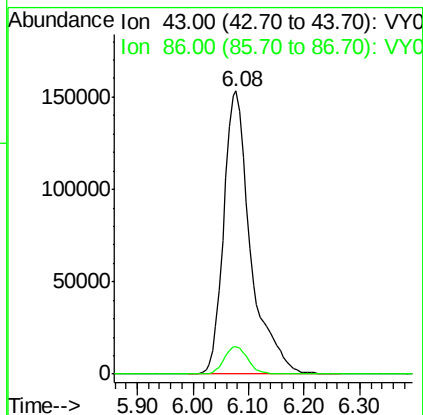
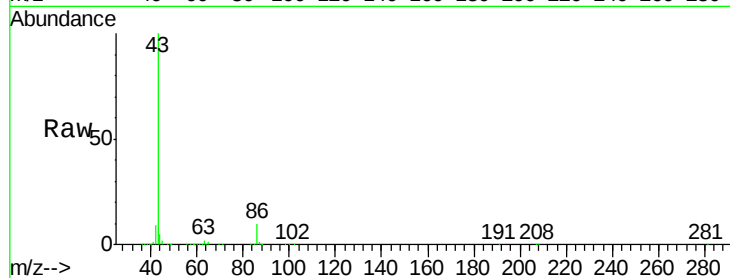
12.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.918 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion: 63 Resp: 86727

Ion Ratio Lower Upper

63 100

98 7.8

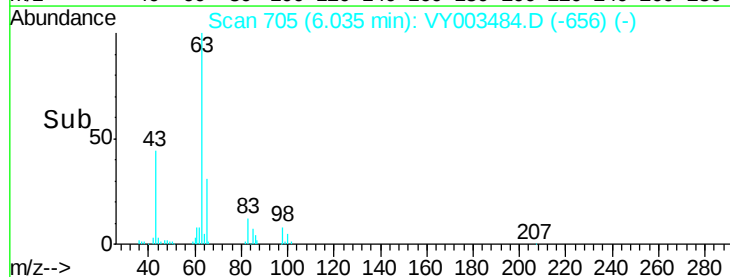
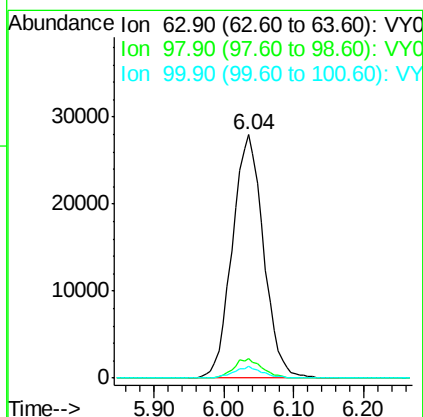
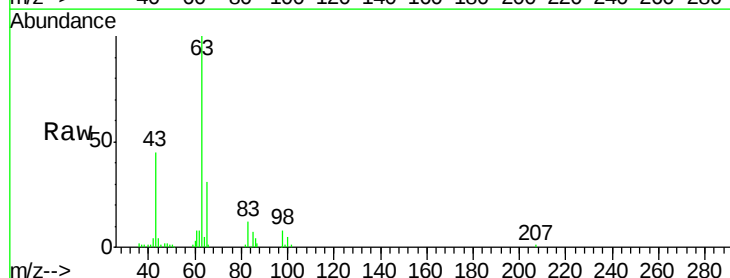
3.6

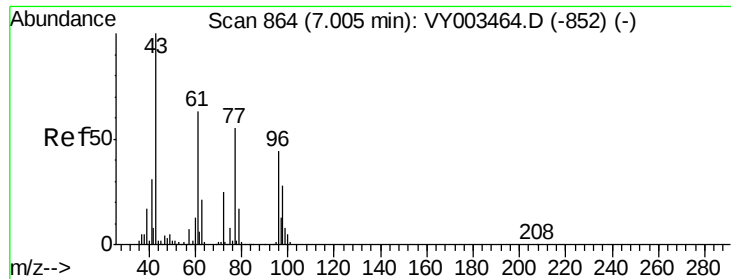
10.8

100 4.9

2.3

6.9





#25

2-Butanone

Concen: 104.645 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 43 Resp: 105539

Ion Ratio Lower Upper

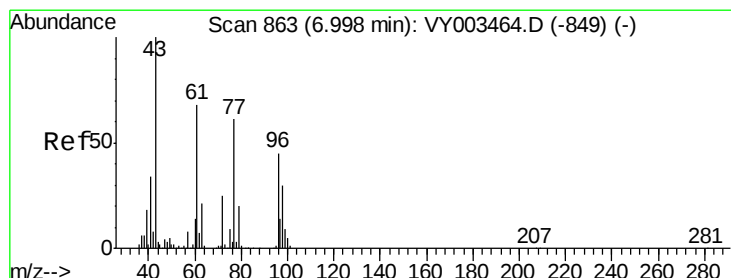
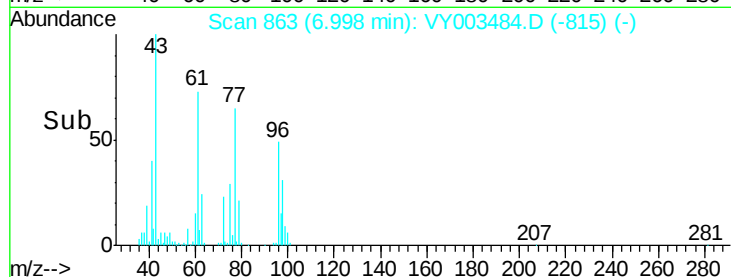
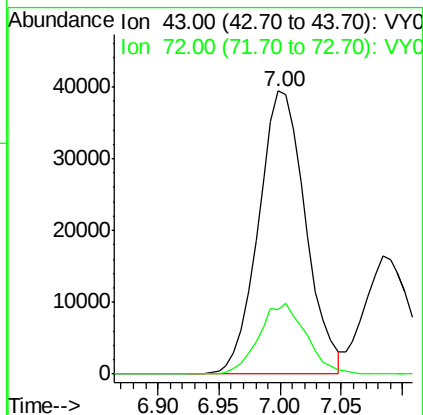
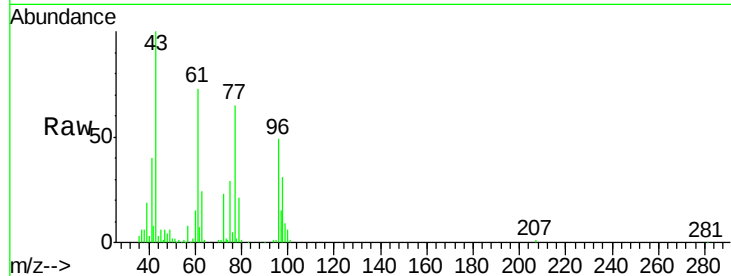
43 100

72 23.0 20.1 30.1

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 21.709 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003484.D

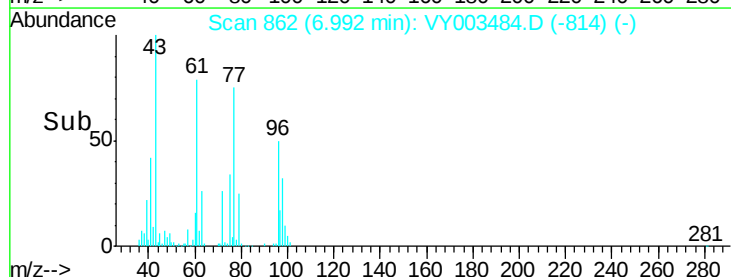
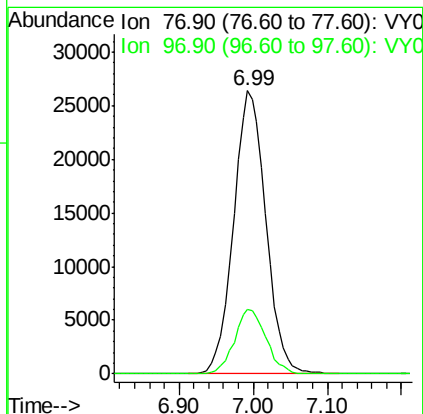
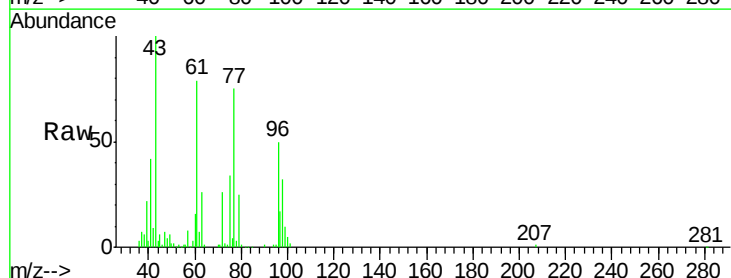
Acq: 03 Nov 2020 12:10

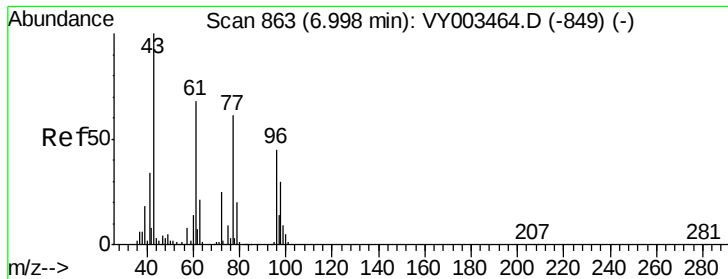
Tgt Ion: 77 Resp: 80029

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

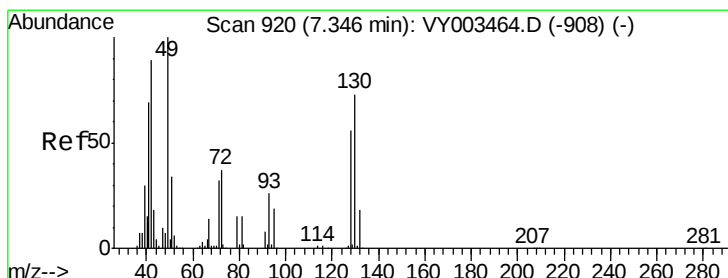
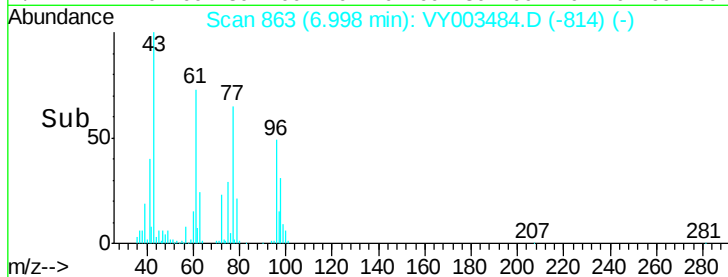
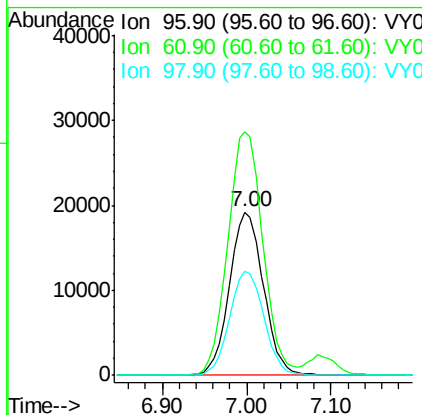
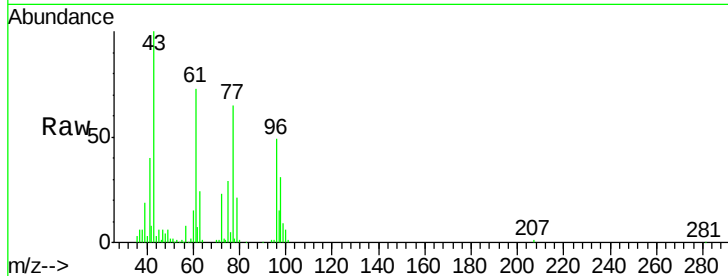
cis-1,2-Dichloroethene
Concen: 21.488 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	299.2
98	64.5	0.0	128.6

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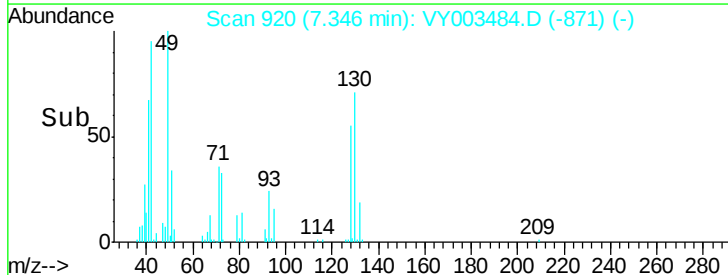
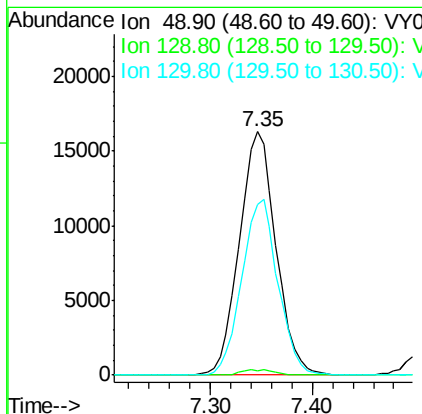
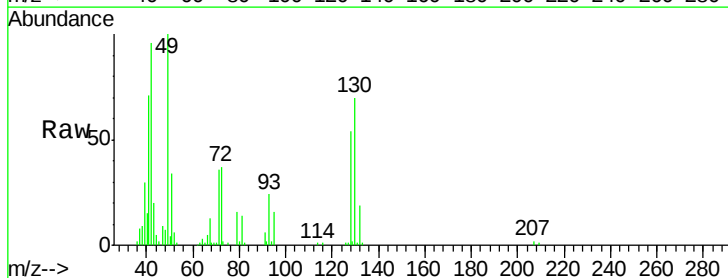
MMDadoda
11/4/2020 11:57:41 AM

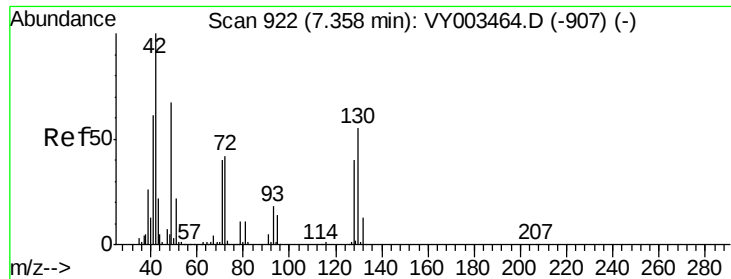


#28

Bromochloromethane
Concen: 20.429 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	71.5	60.0	90.0





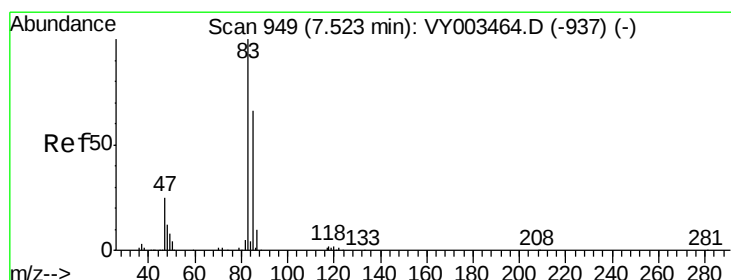
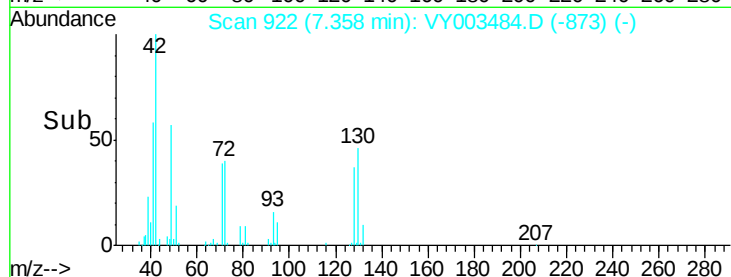
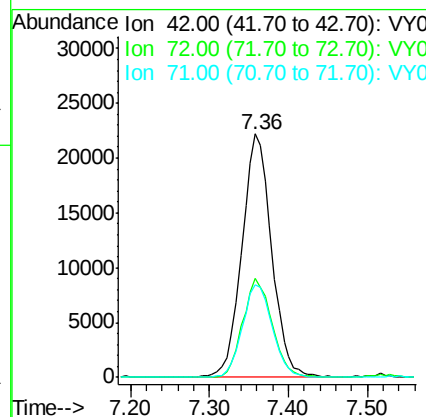
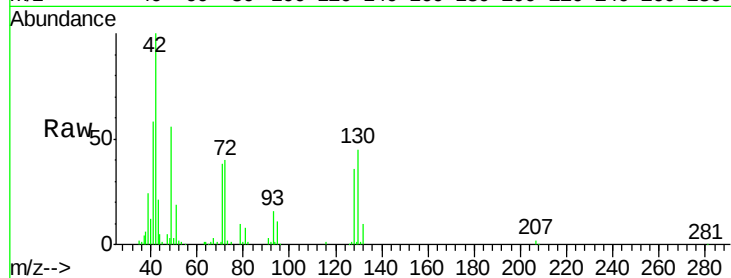
#29
Tetrahydrofuran
Concen: 110.304 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.8	49.2
71	38.4	30.7	46.1

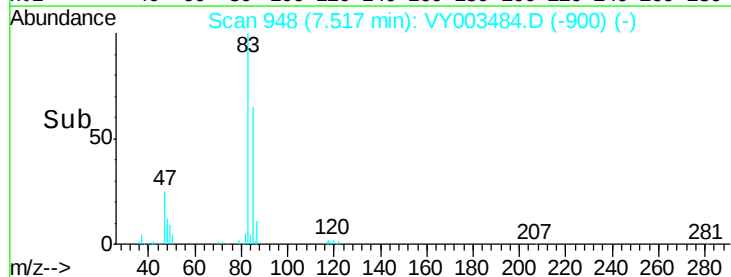
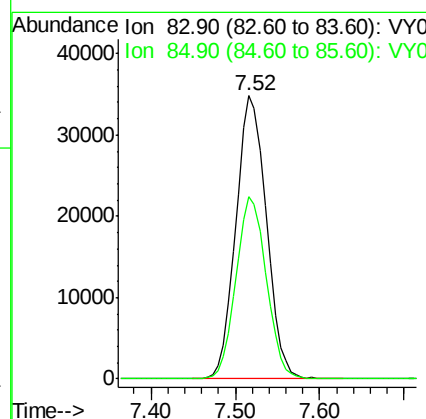
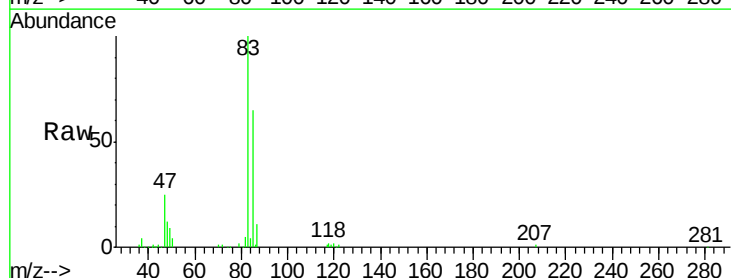
Manual Integrations
APPROVED

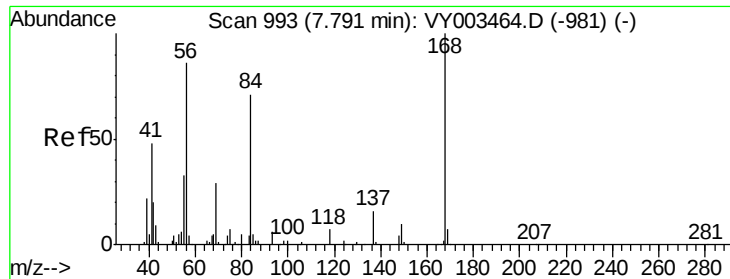
MMDadoda
11/4/2020 11:57:41 AM



#30
Chloroform
Concen: 21.916 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.6	79.0





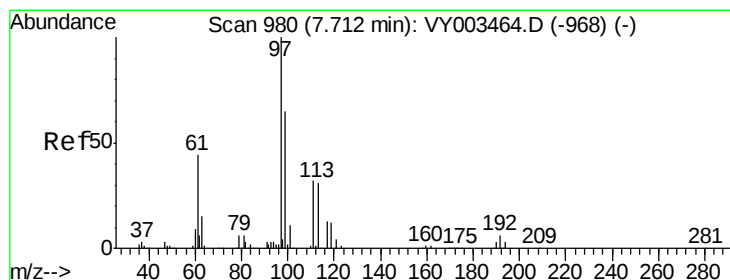
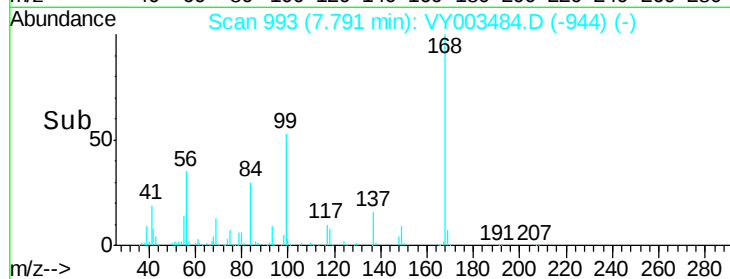
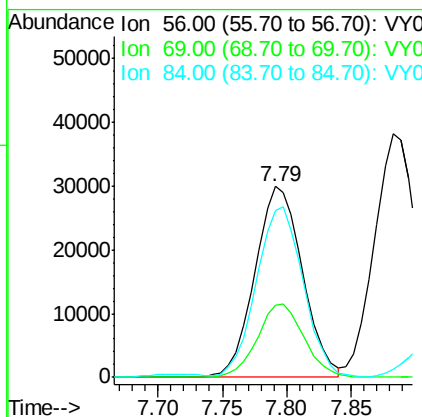
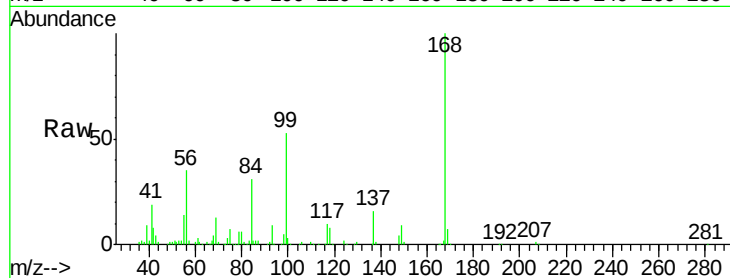
#31
Cyclohexane
Concen: 20.873 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.1	26.6	39.8
84	85.8	65.9	98.9

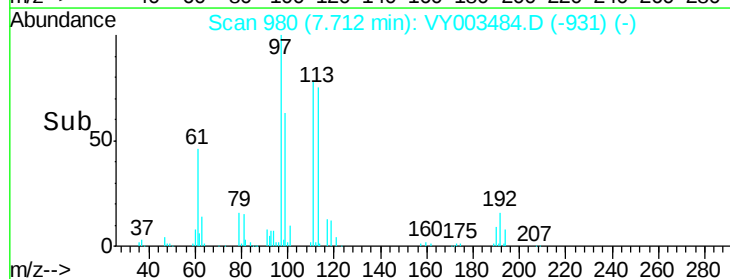
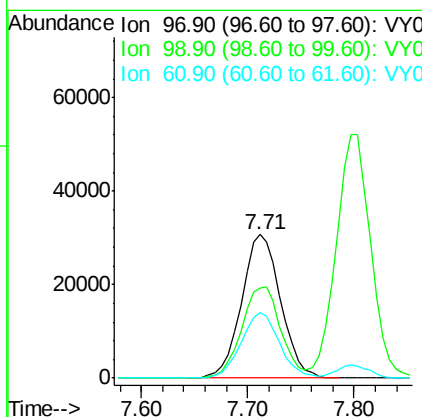
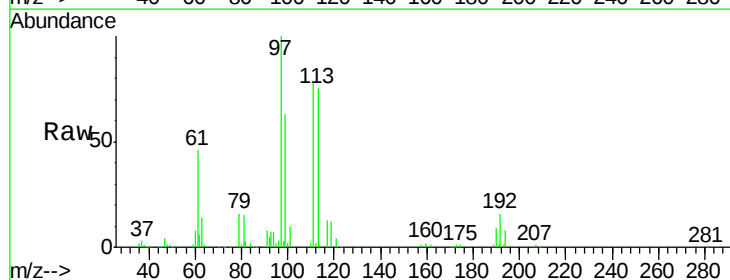
Manual Integrations
APPROVED

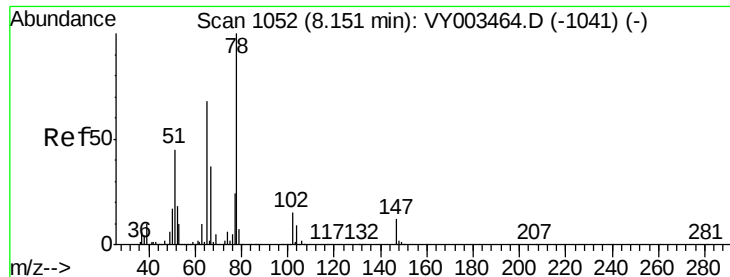
MMDadoda
11/4/2020 11:57:41 AM



#32
1,1,1-Trichloroethane
Concen: 21.771 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	45.0	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 50.010 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 65 Resp: 122245

Ion Ratio Lower Upper

65 100

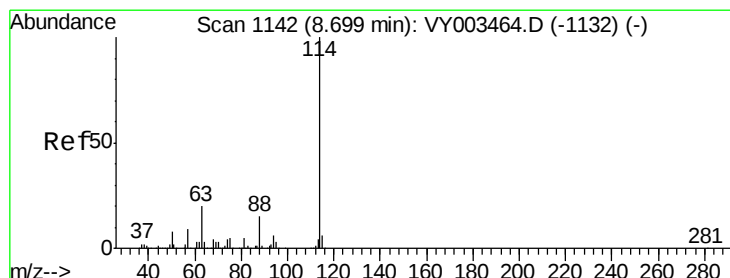
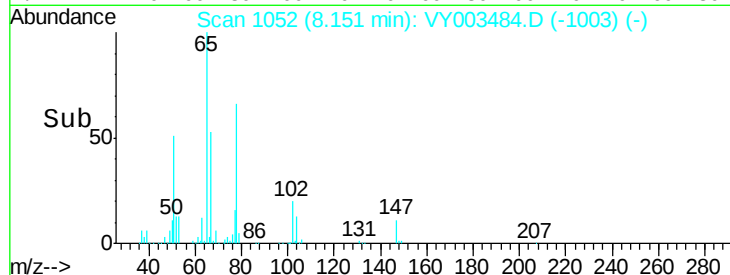
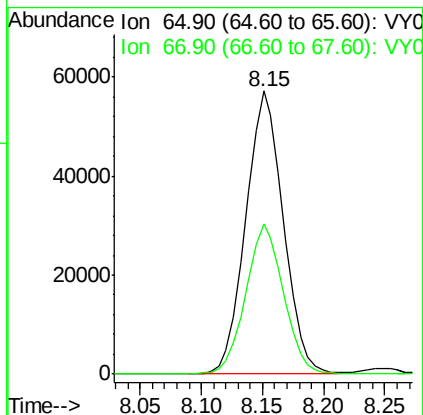
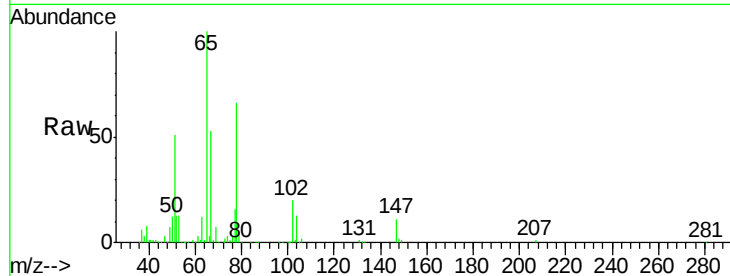
67 53.0 0.0 106.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

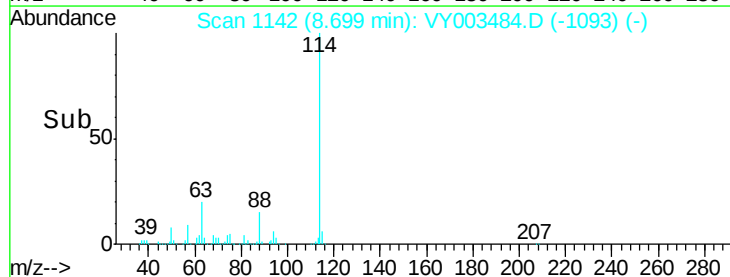
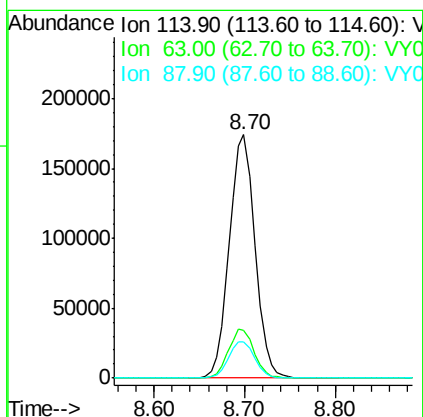
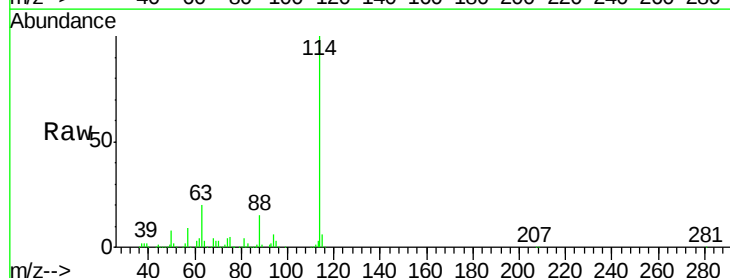
Tgt Ion: 114 Resp: 343905

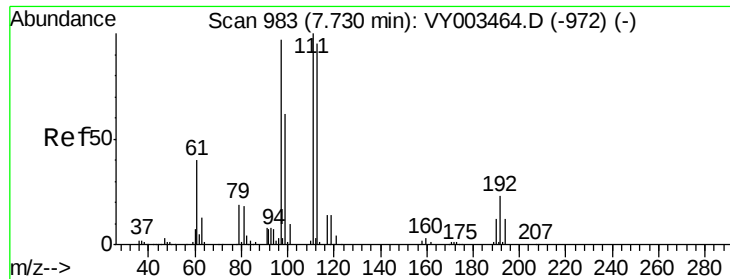
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

88 15.0 0.0 29.4





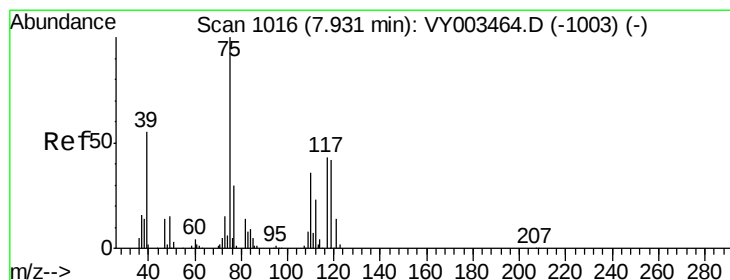
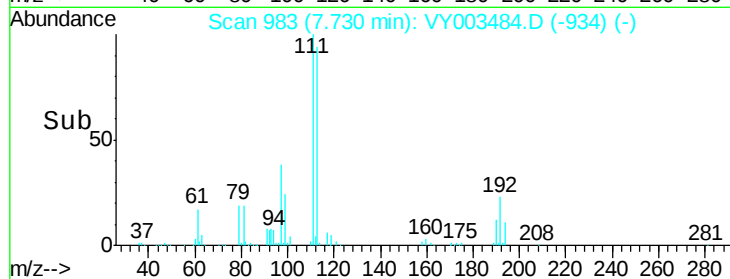
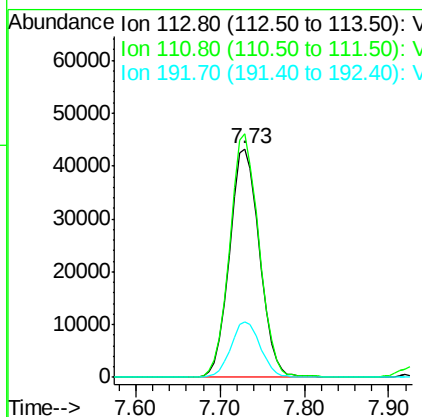
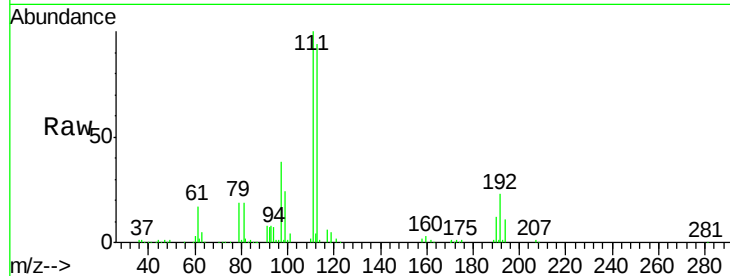
#35
 Dibromofluoromethane
 Concen: 49.755 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.5	81.8	122.6	
192	23.9	18.8	28.2	

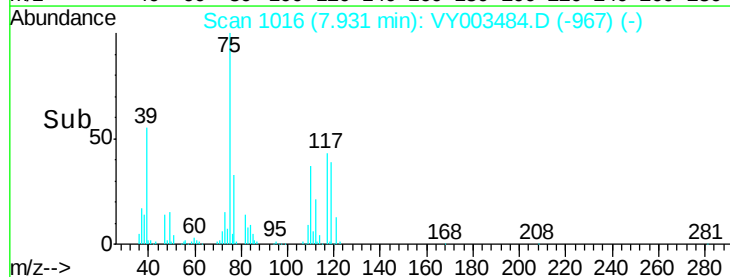
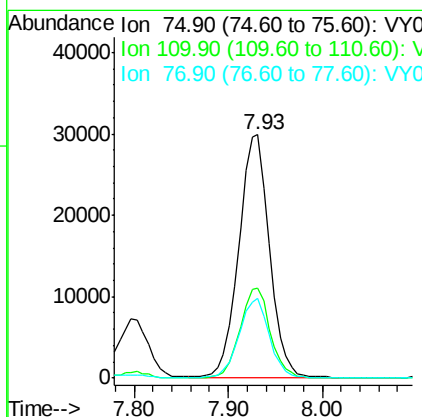
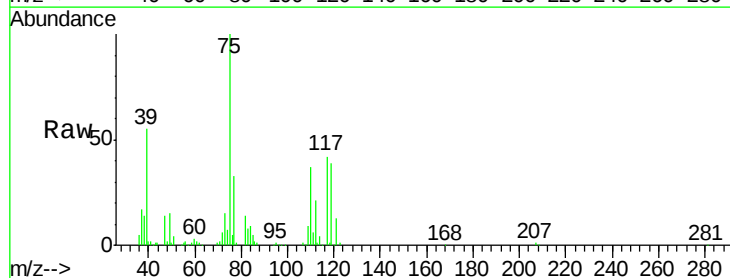
Manual Integrations
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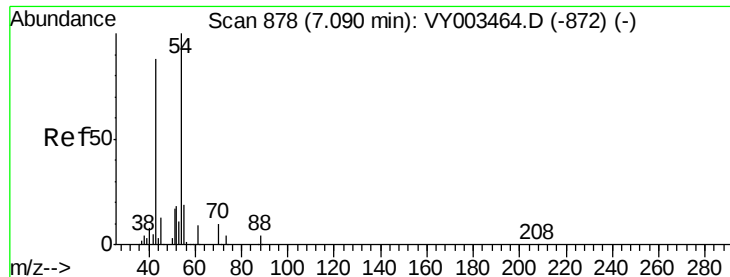
MMDadoda
 11/4/2020 11:57:41 AM



#36
 1,1-Dichloropropene
 Concen: 20.927 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.5	17.6	52.9	
77	32.6	24.7	37.1	





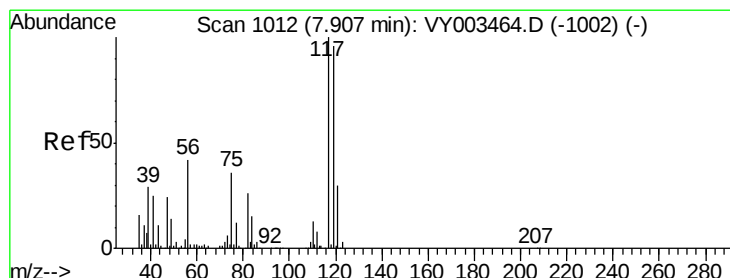
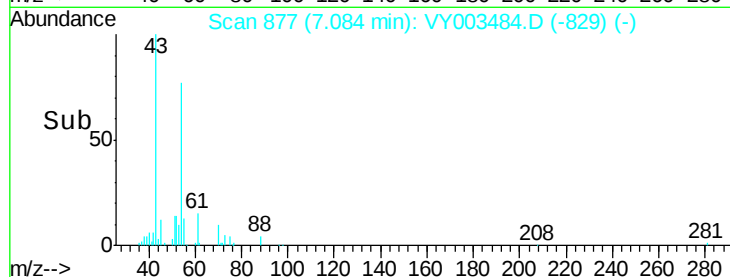
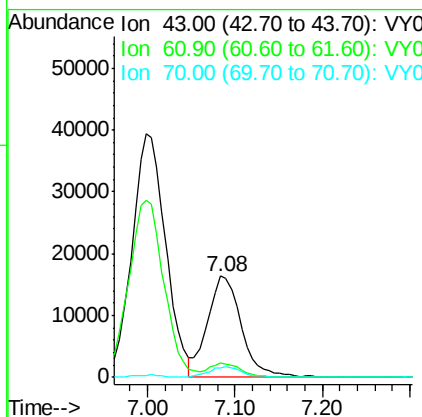
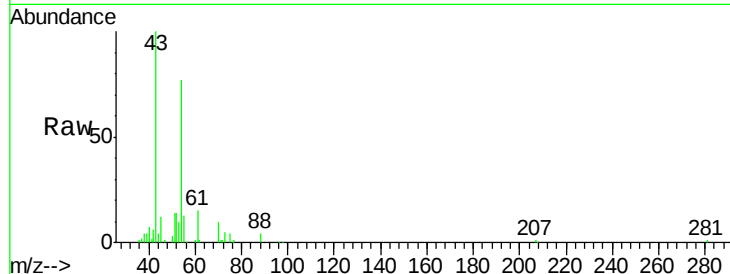
#37
Ethyl Acetate
Concen: 21.778 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.0	16.6
70	10.1	7.9	11.9

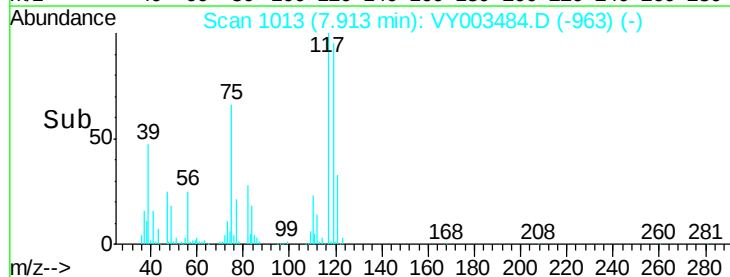
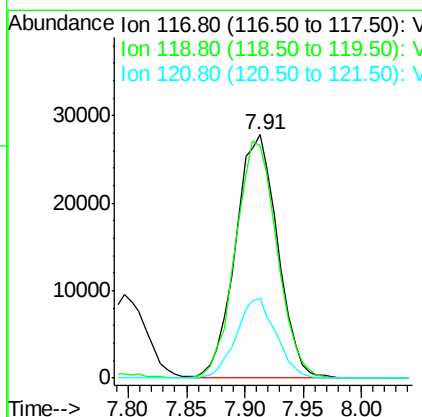
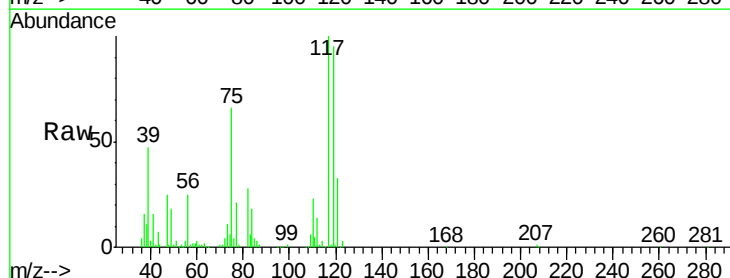
Manual Integrations
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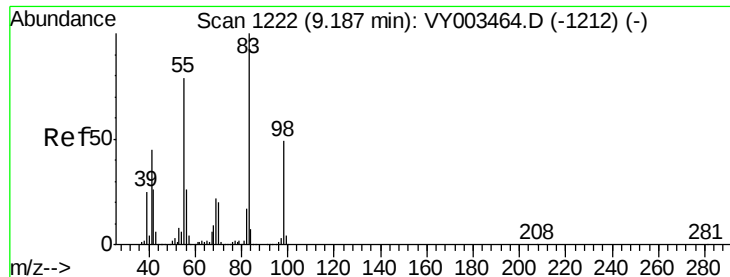
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#38
Carbon Tetrachloride
Concen: 20.797 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.4
121	32.8	24.2	36.4





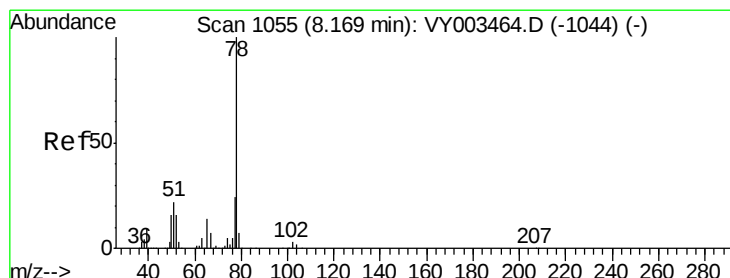
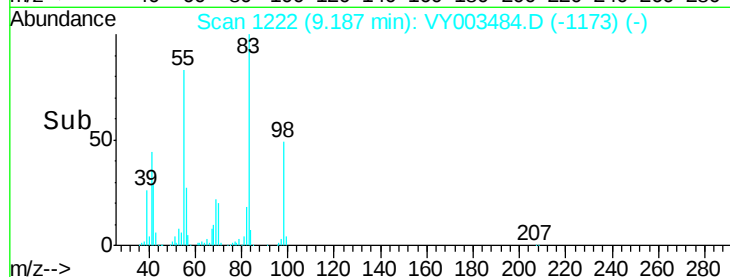
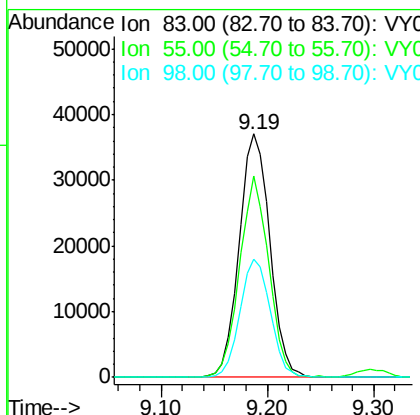
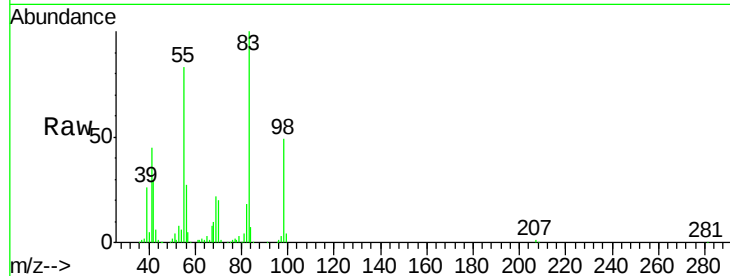
#39
Methvlcvclohexane
Concen: 20.865 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.9	63.5	95.3
98	48.5	39.4	59.2

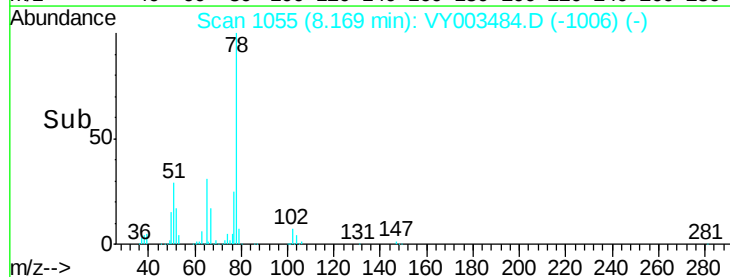
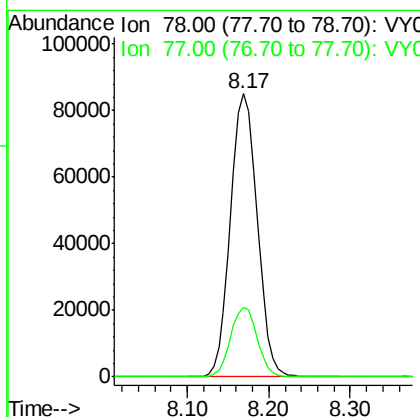
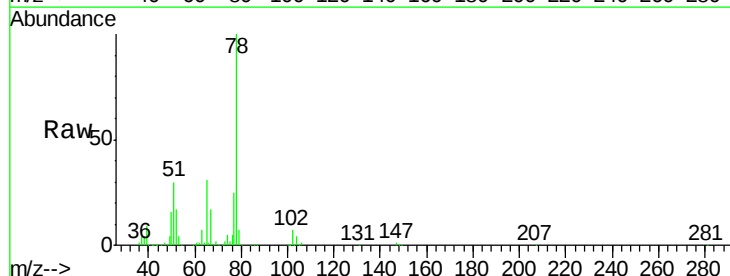
Manual Integrations
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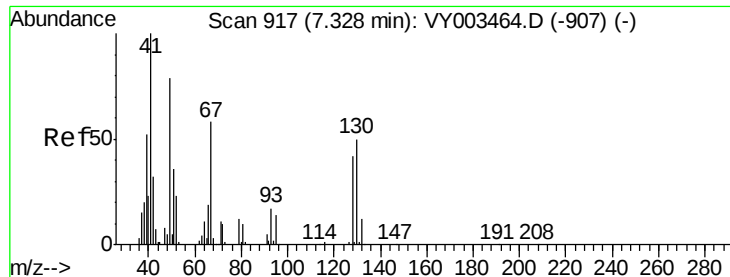
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11/4/2020 11:57:41 AM



#40
Benzene
Concen: 21.405 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.4	29.0





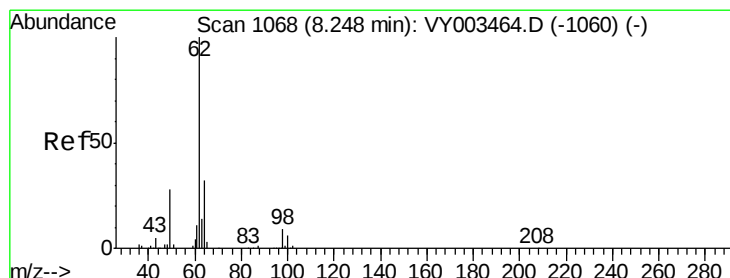
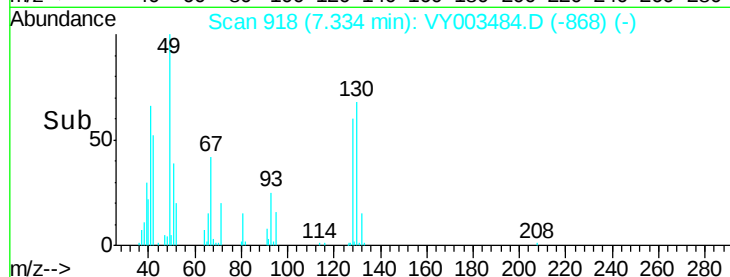
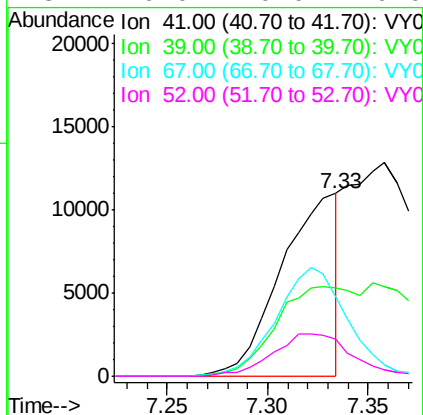
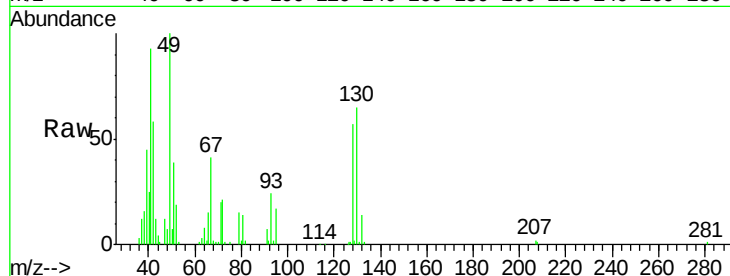
#41
Methacrylonitrile
Concen: 20.338 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

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

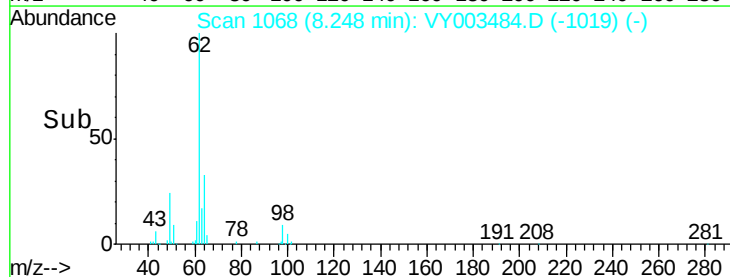
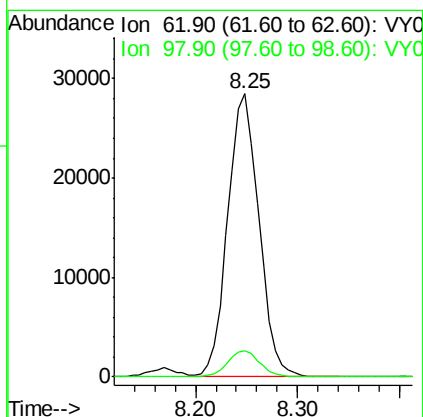
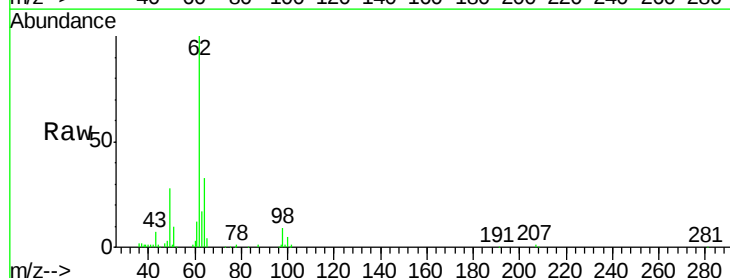
Manual Integrations
APPROVED

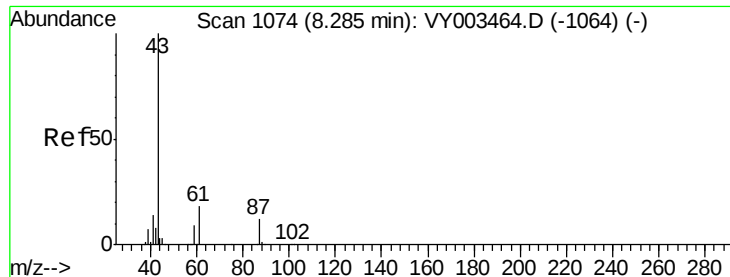
MMDadoda
11/4/2020 11:57:41 AM



#42
1,2-Dichloroethane
Concen: 21.370 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 21.518 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

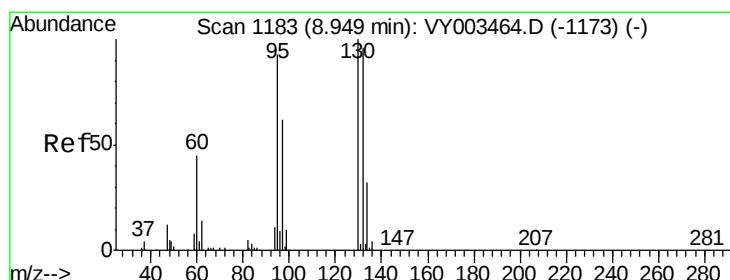
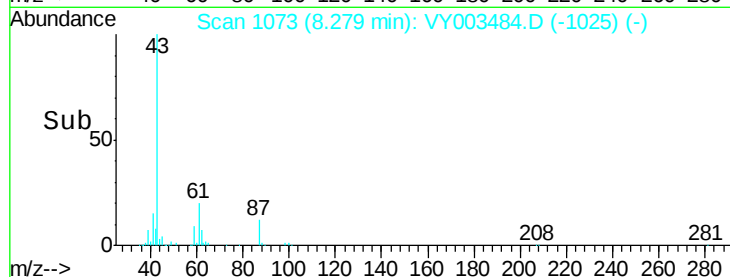
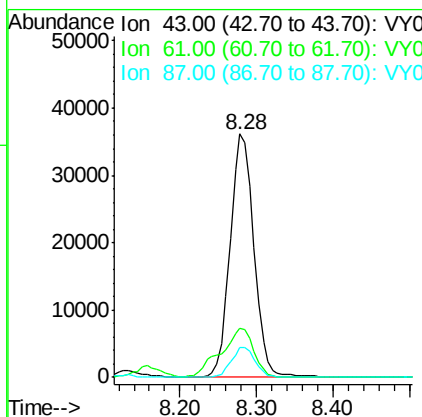
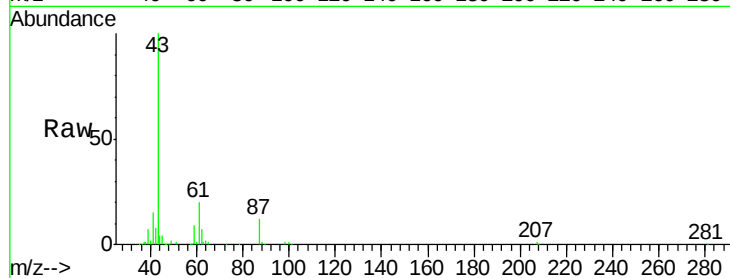
ClientSampleId :

VY1103SBS01

Tot Ion:	43	Resp:	77862
Ion	Ratio	Lower	Upper
43	100		
61	28.0	21.9	32.9
87	12.3	10.0	15.0

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#44

Trichloroethene

Concen: 21.018 ug/l

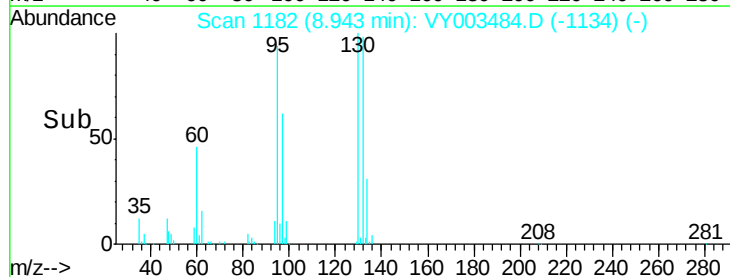
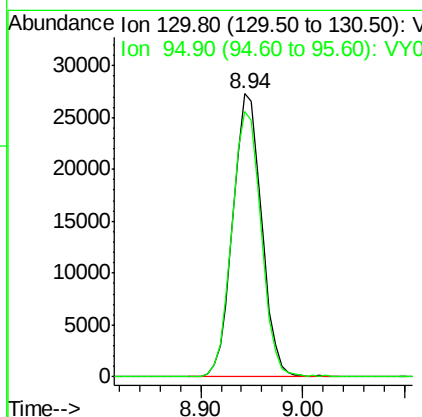
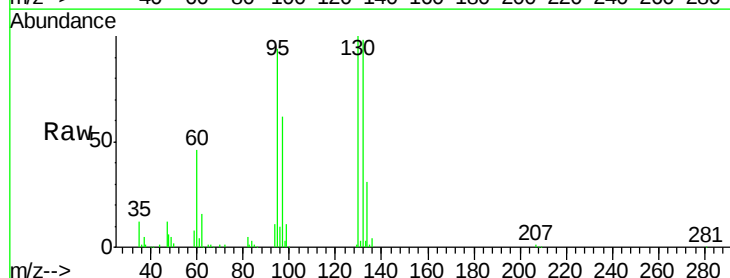
RT: 8.94 min Scan# 1182

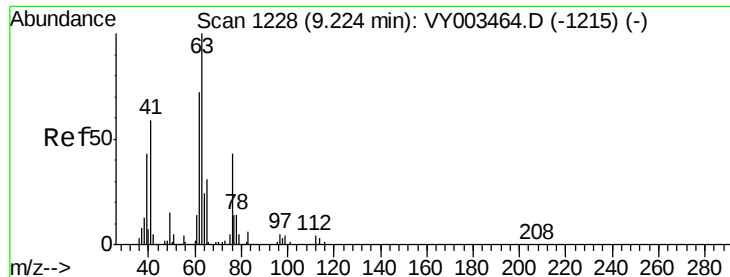
Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion:	130	Resp:	53242
Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	186.6





#45

1,2-Dichloropropane

Concen: 21.739 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 63 Resp: 49539

Ion Ratio Lower Upper

63 100

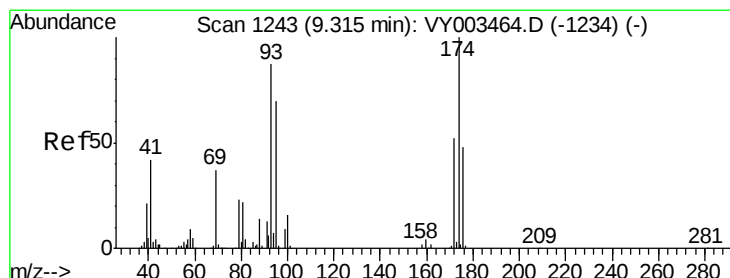
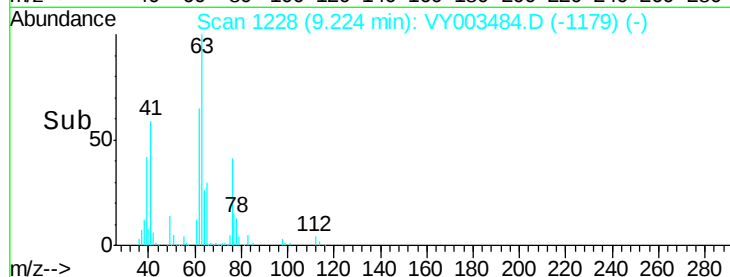
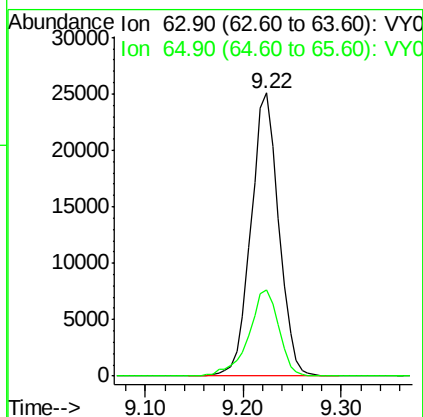
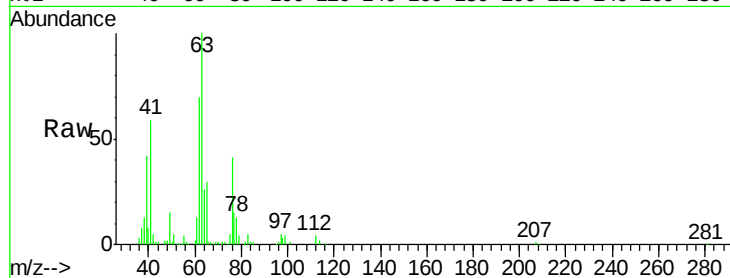
65 30.3 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 21.305 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

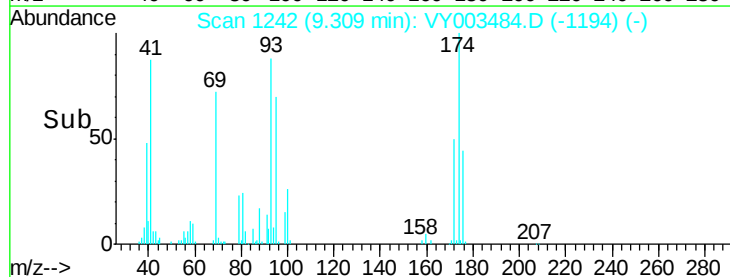
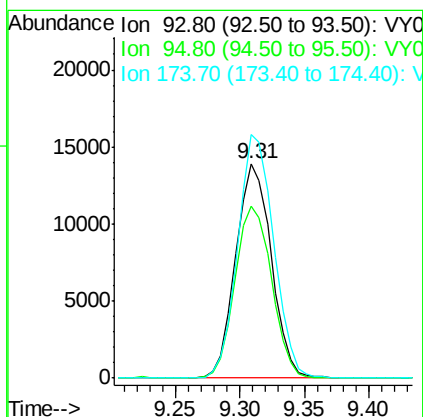
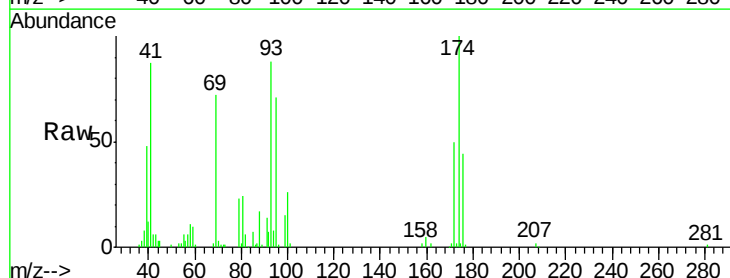
Tgt Ion: 93 Resp: 26710

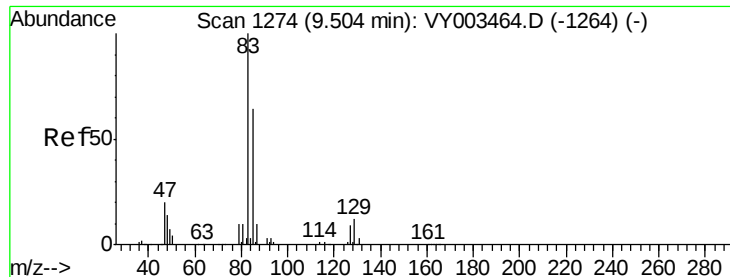
Ion Ratio Lower Upper

93 100

95 82.3 65.0 97.6

174 114.4 91.8 137.6





#47

Bromodichloromethane

Concen: 21.486 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

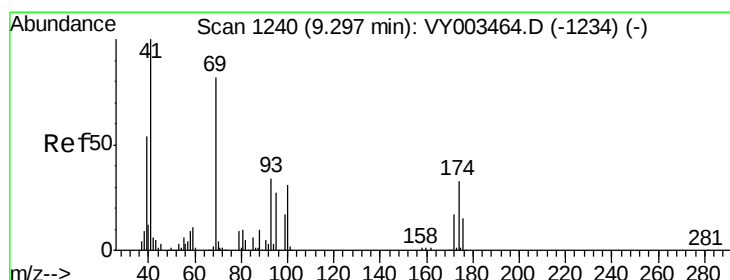
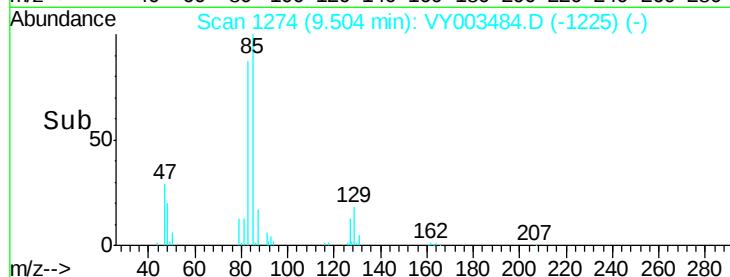
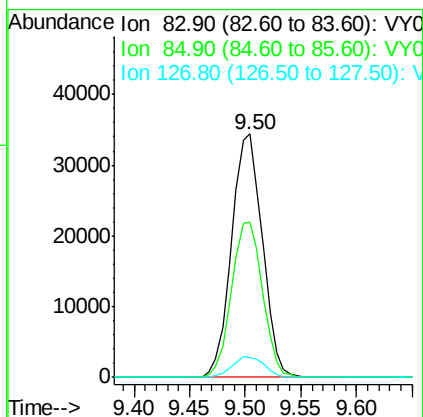
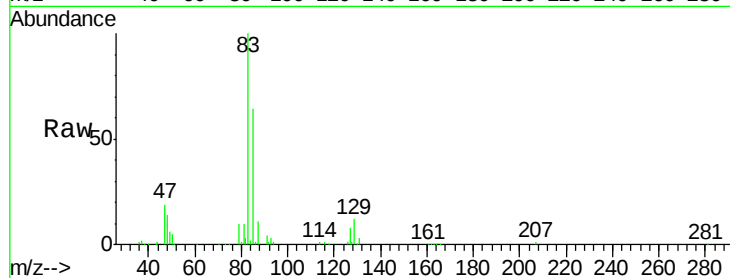
ClientSampleId :

VY1103SBS01

Tot Ion:	83	Resp:	65931
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.6
127	8.2	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.182 ug/l

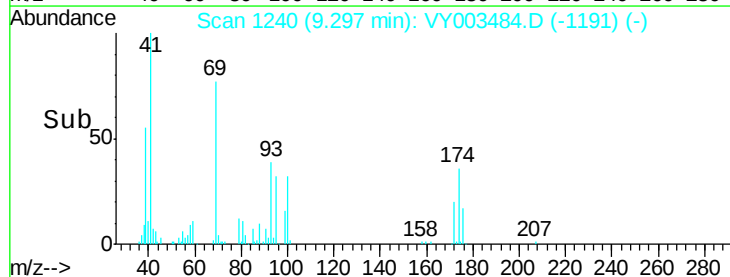
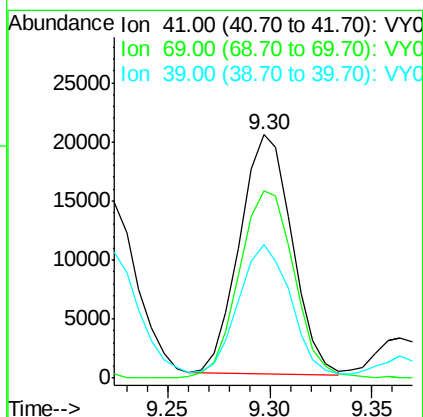
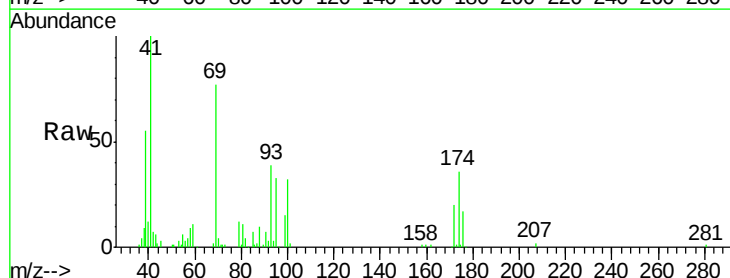
RT: 9.30 min Scan# 1240

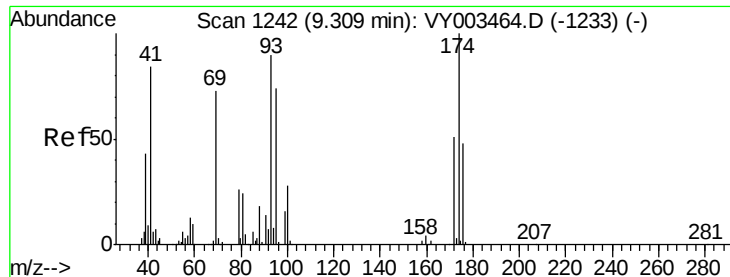
Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion:	41	Resp:	36105
Ion	Ratio	Lower	Upper
41	100		
69	82.5	65.9	98.9
39	57.2	43.2	64.8





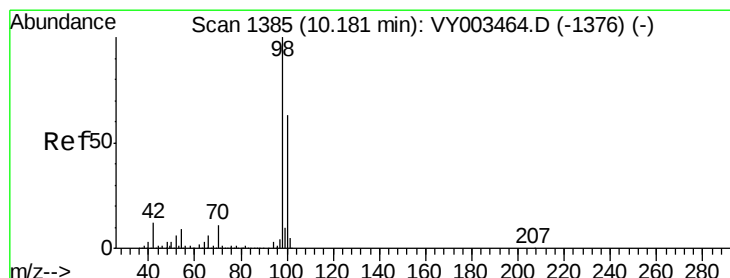
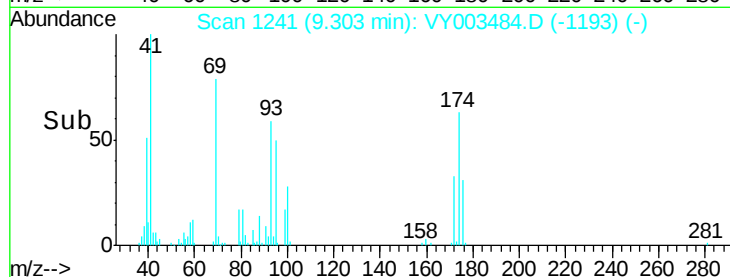
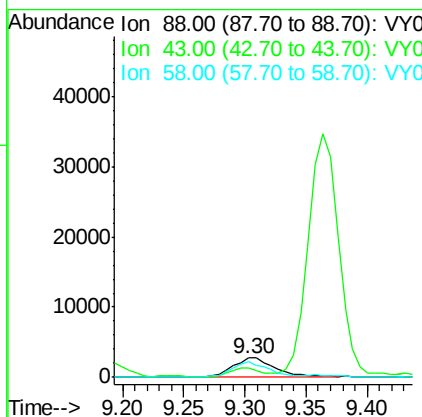
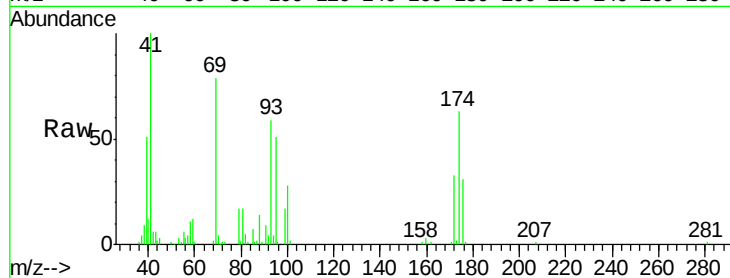
#49
1,4-Dioxane
Concen: 428.054 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	27.6	41.4
58	71.5	54.2	81.2

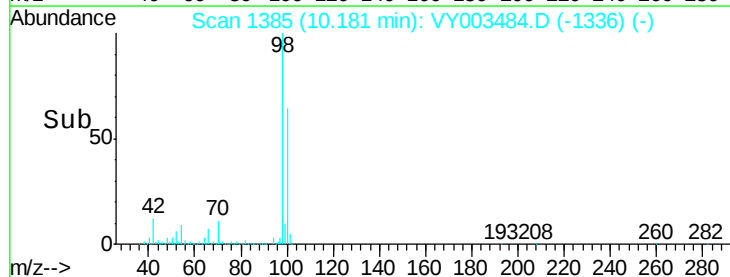
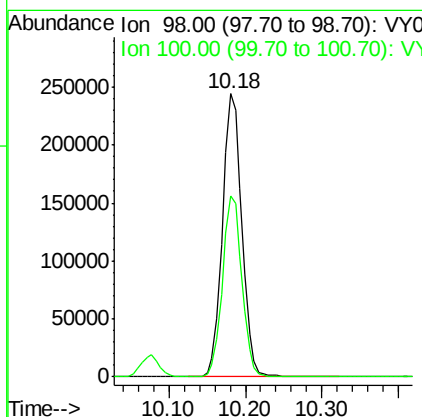
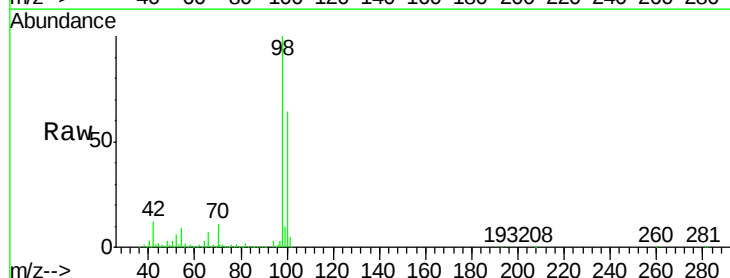
Manual Integrations
APPROVED

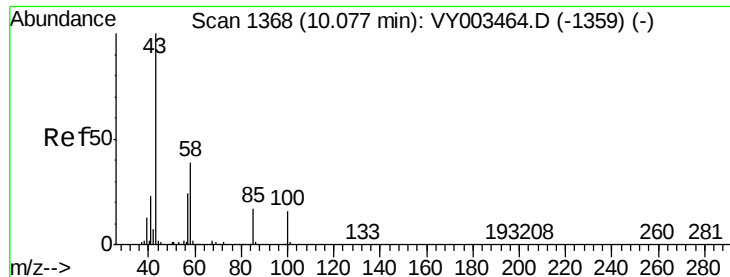
MMDadoda
11/4/2020 11:57:41 AM



#50
Toluene-d8
Concen: 49.248 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 109.957 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 43 Resp: 211991

Ion Ratio Lower Upper

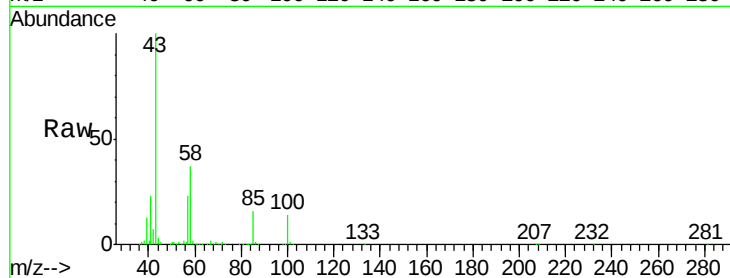
43 100

58 37.9 31.0 46.4

Manual Integrations
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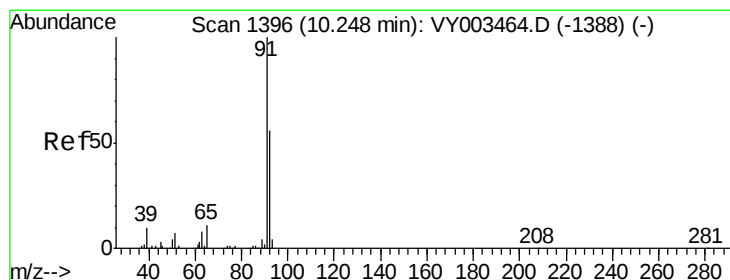
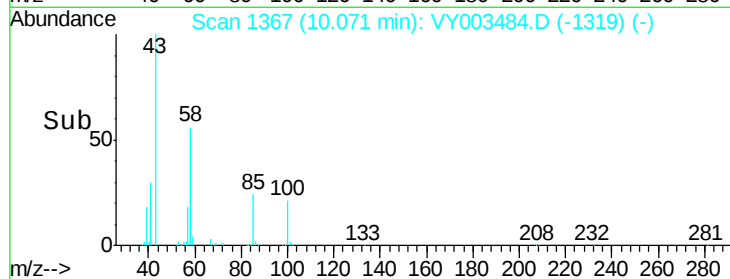
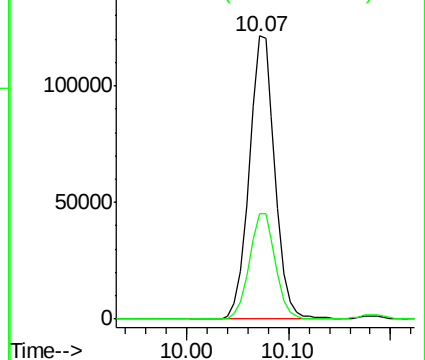
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.371 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003484.D

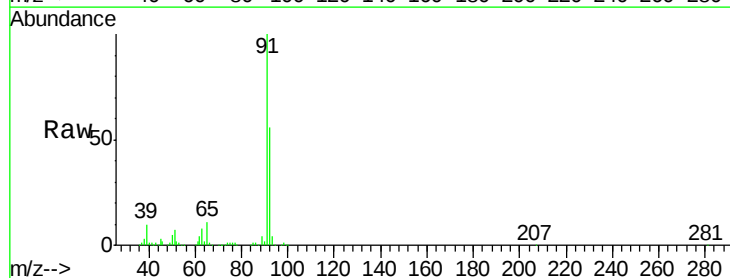
Acq: 03 Nov 2020 12:10

Tgt Ion: 92 Resp: 120614

Ion Ratio Lower Upper

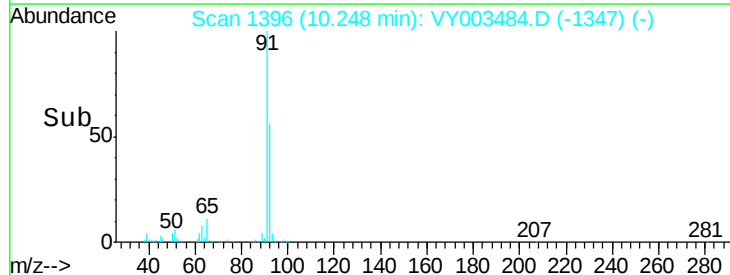
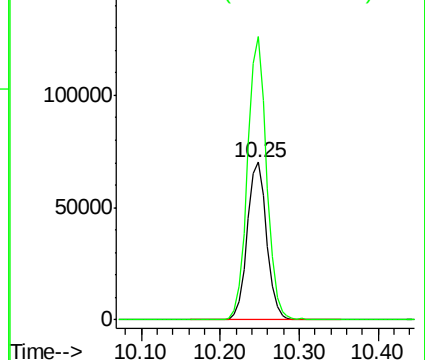
92 100

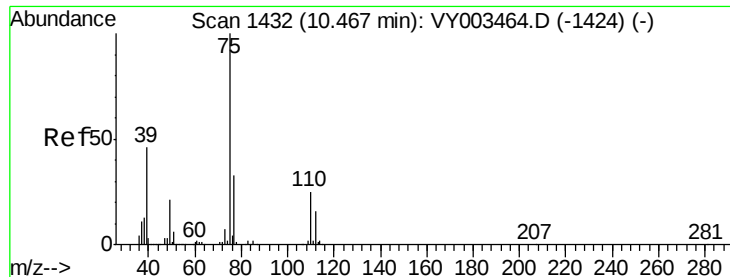
91 175.5 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





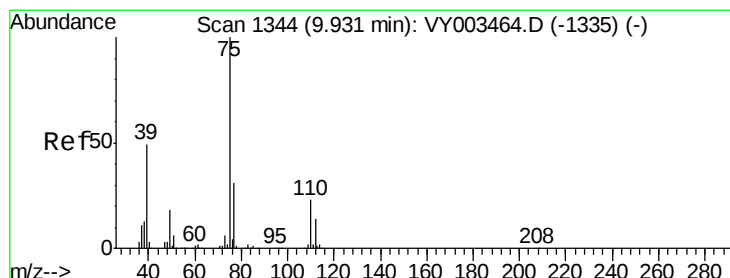
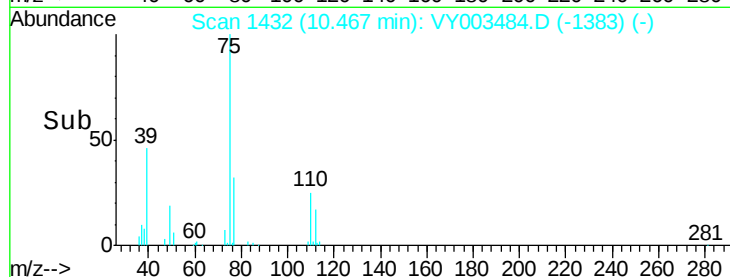
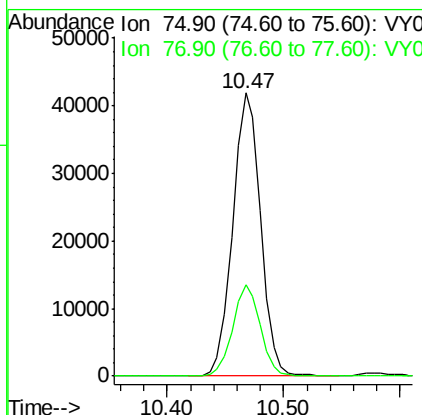
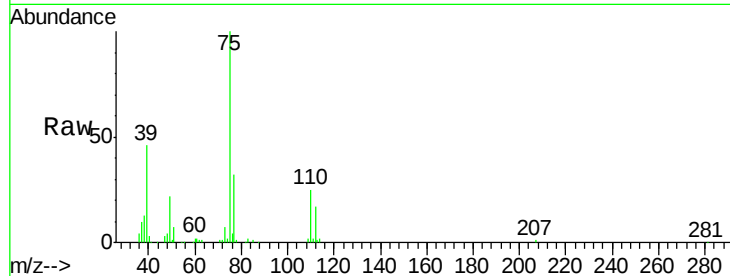
#53
 t-1,3-Dichloropropene
 Concen: 21.389 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.2	39.4

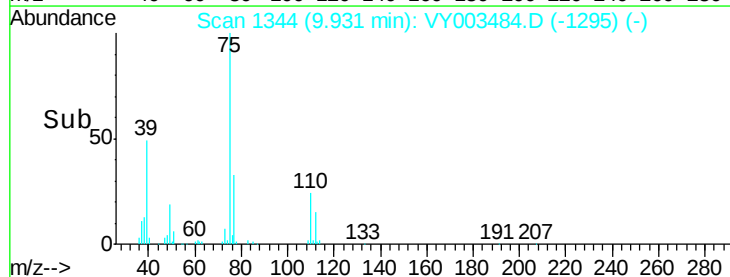
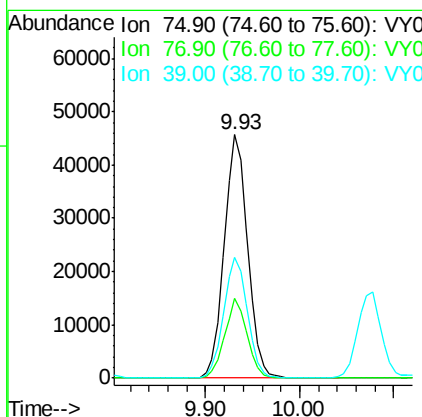
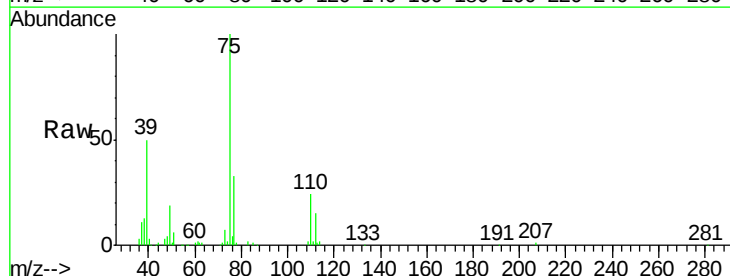
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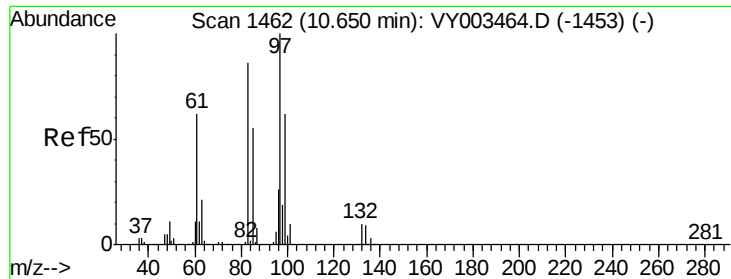
MMDadoda
 11/4/2020 11:57:41 AM



#54
 cis-1,3-Dichloropropene
 Concen: 21.428 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	24.5	36.7
39	49.4	39.0	58.4





#55

1,1,2-Trichloroethane

Concen: 21.153 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 97 Resp: 37646

Ion Ratio Lower Upper

97 100

83 85.5 68.6 102.8

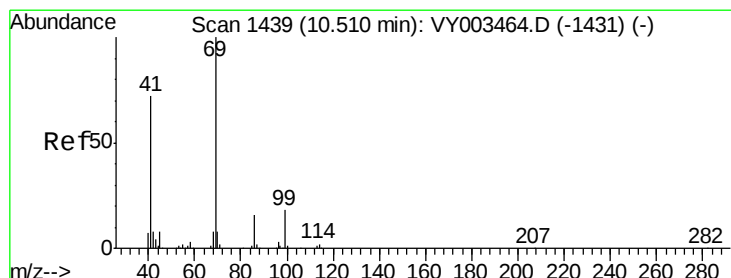
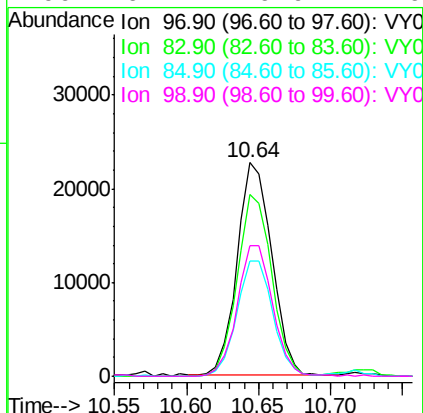
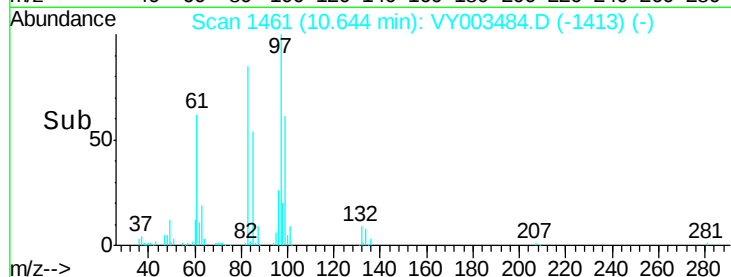
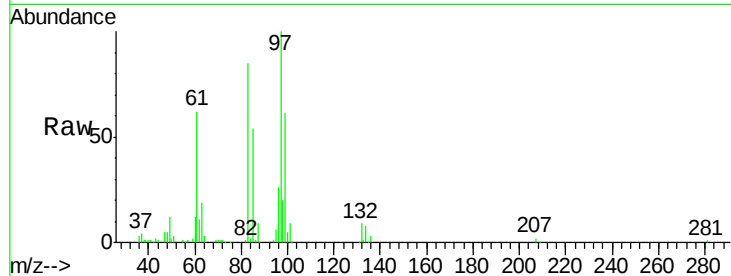
85 54.4 43.8 65.6

99 61.7 49.9 74.9

Manual Integrations
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#56

Ethyl methacrylate

Concen: 21.751 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

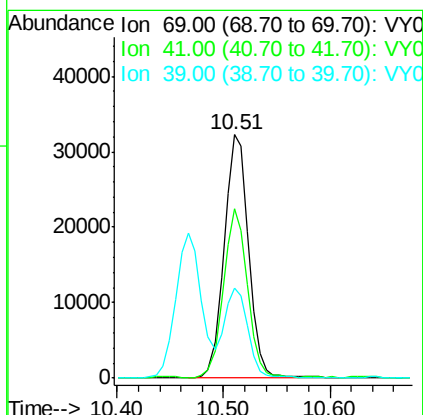
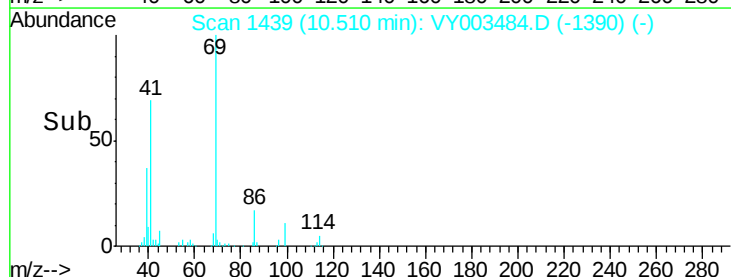
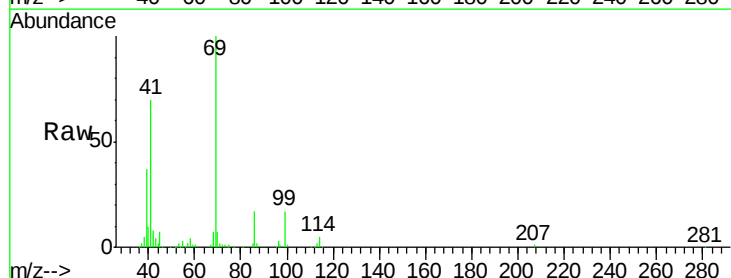
Tgt Ion: 69 Resp: 51849

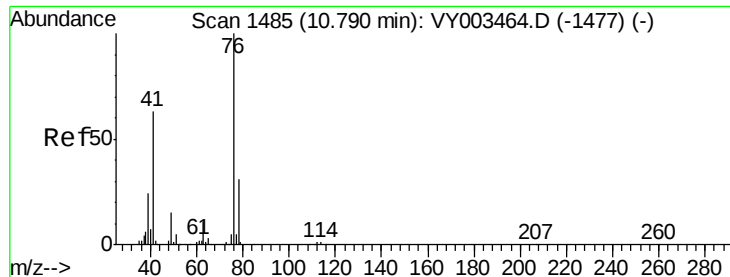
Ion Ratio Lower Upper

69 100

41 67.1 55.4 83.2

39 35.4 28.7 43.1





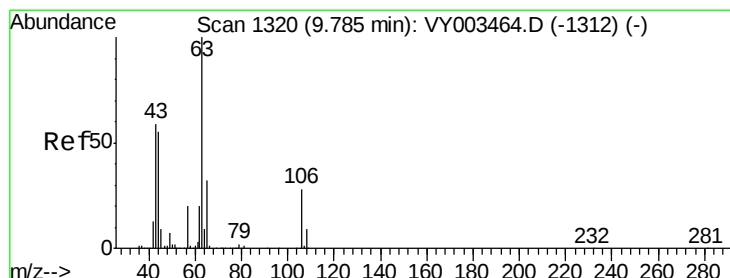
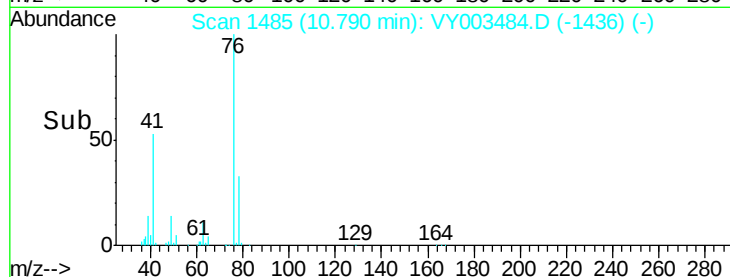
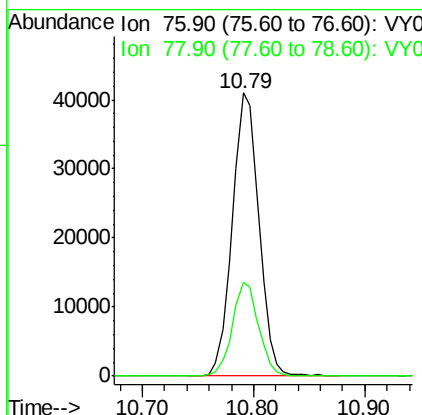
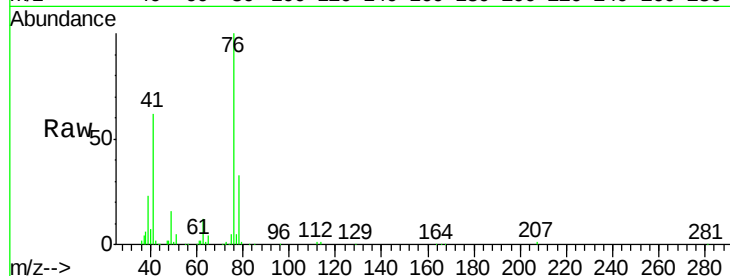
#57
 1,3-Dichloropropane
 Concen: 21.905 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.8

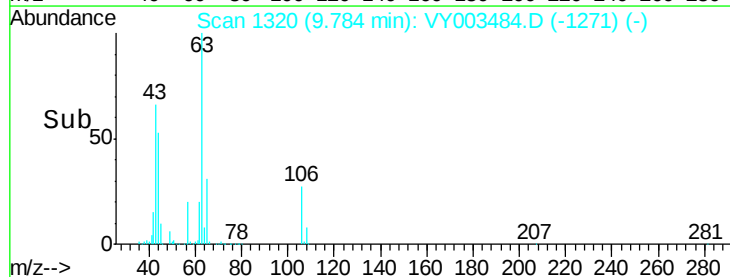
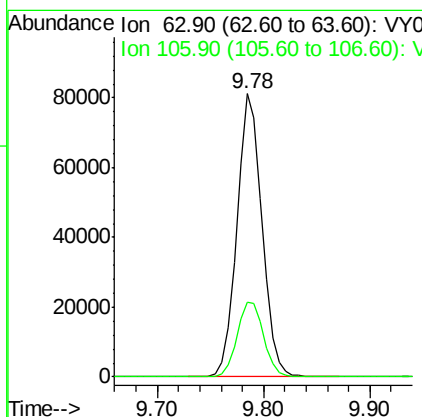
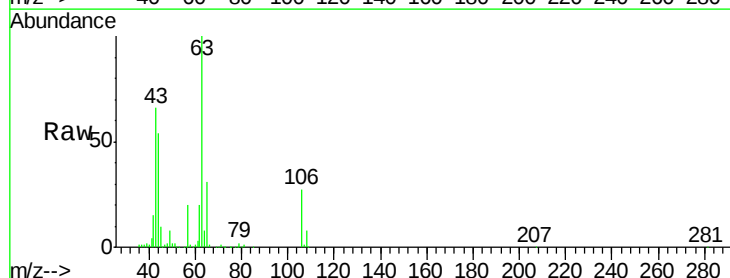
Manual Integrations
 APPROVED

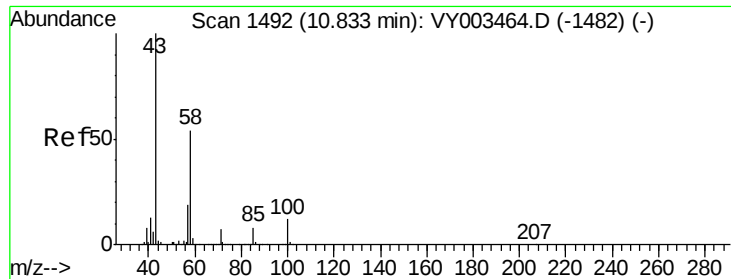
MMDadoda
 11/4/2020 11:57:41 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.412 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.3	33.5





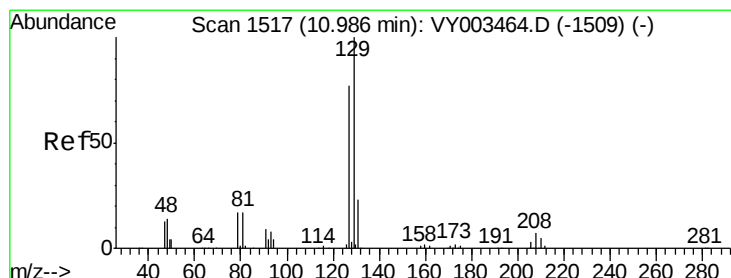
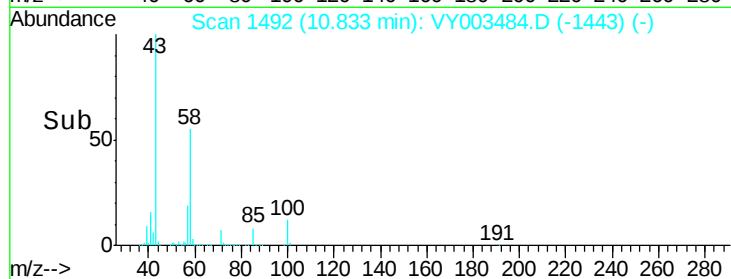
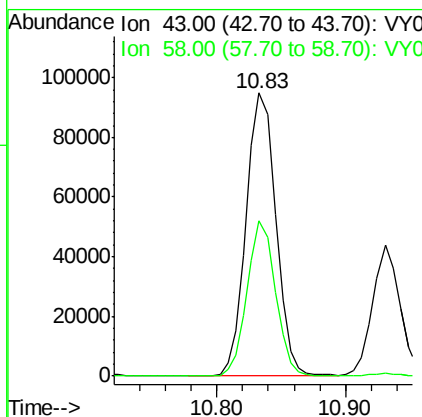
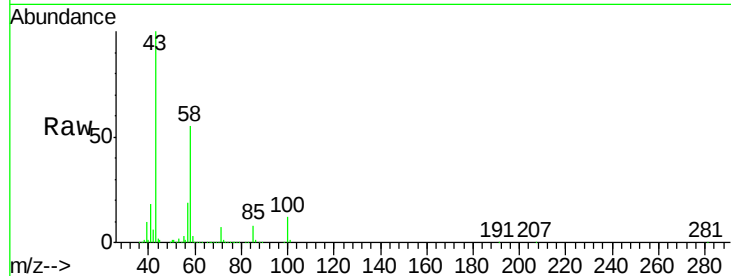
#59
2-Hexanone
Concen: 106.294 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion: 43 Resp: 151730
Ion Ratio Lower Upper
43 100
58 52.4 26.8 80.3

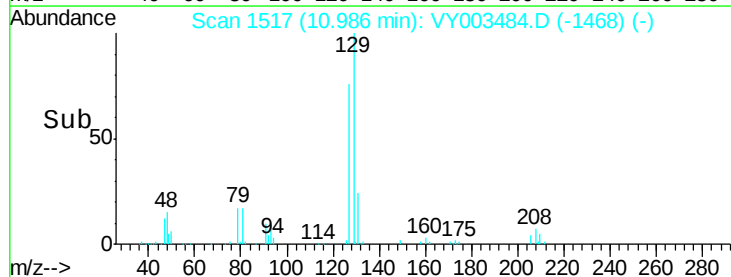
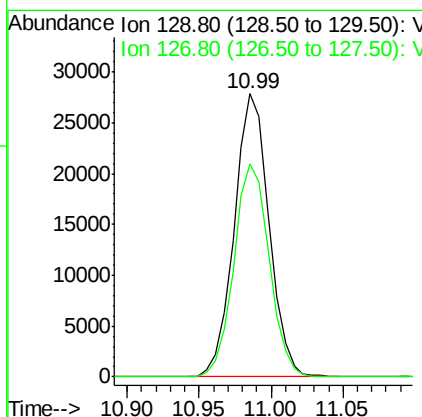
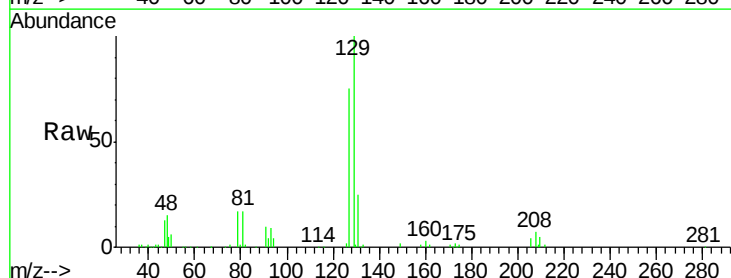
Manual Integrations
APPROVED

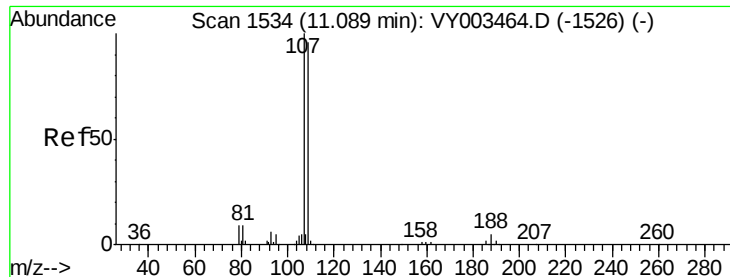
MMDadoda
11/4/2020 11:57:41 AM



#60
Dibromochloromethane
Concen: 21.374 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion: 129 Resp: 46751
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





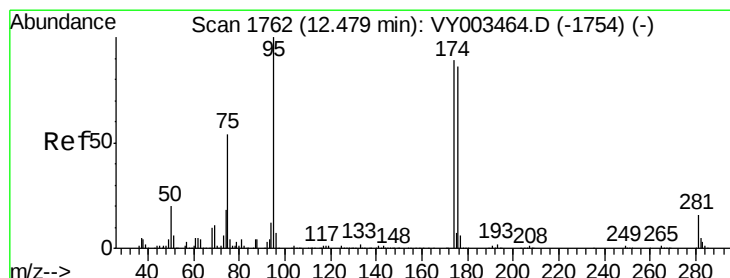
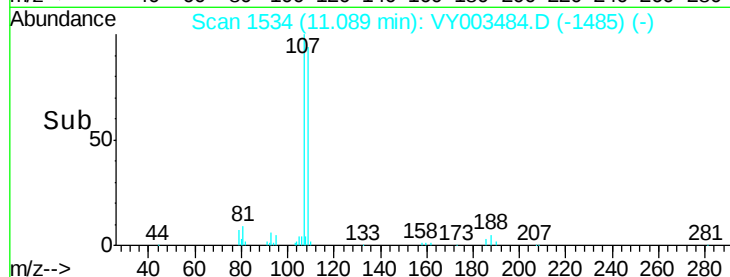
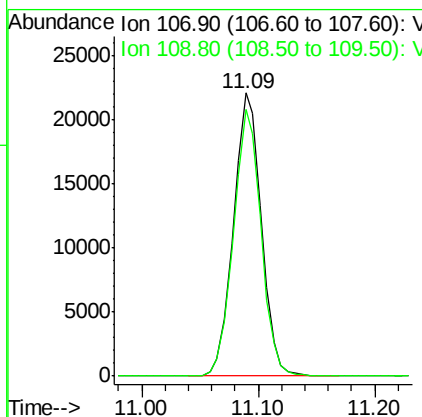
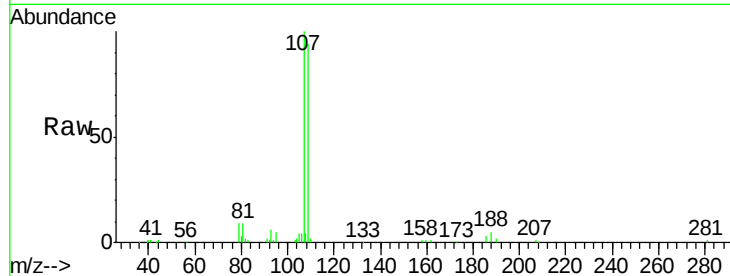
#61
 1,2-Dibromoethane
 Concen: 21.376 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	76.5	114.7

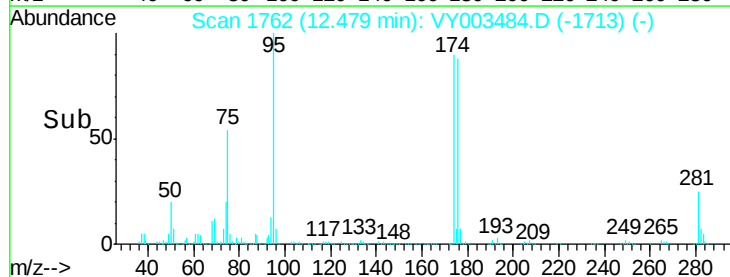
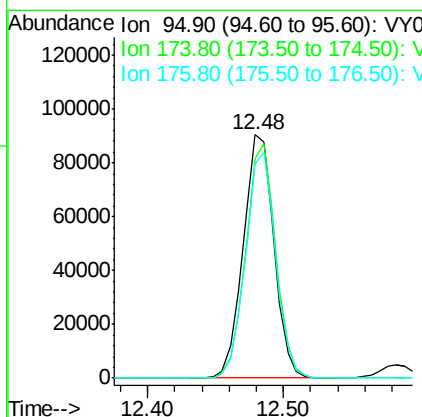
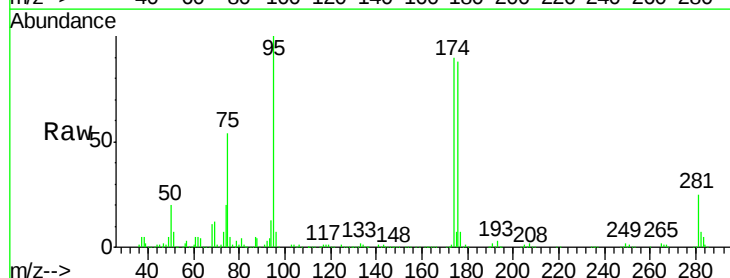
Manual Integrations
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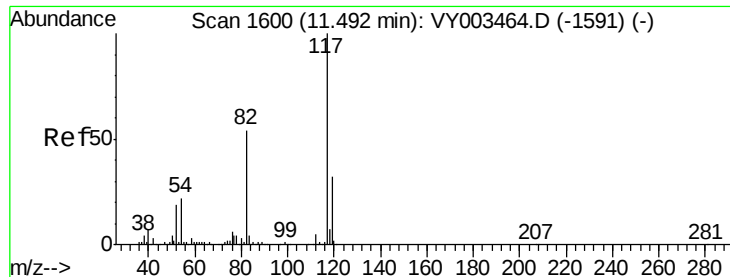
MMDadoda
 11/4/2020 11:57:41 AM



#62
 4-Bromofluorobenzene
 Concen: 49.437 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	193.0
176	91.2	0.0	187.4





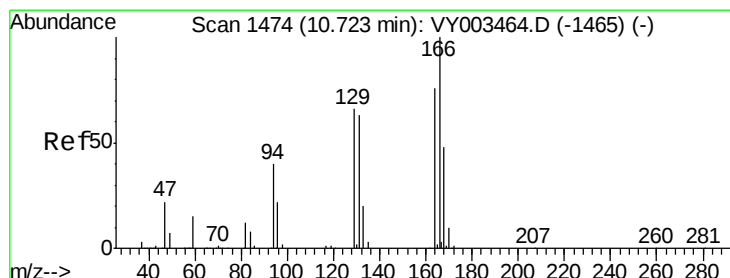
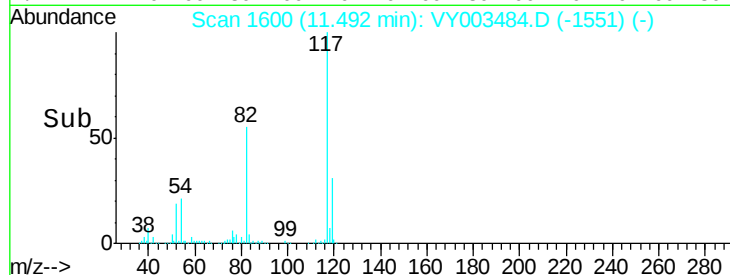
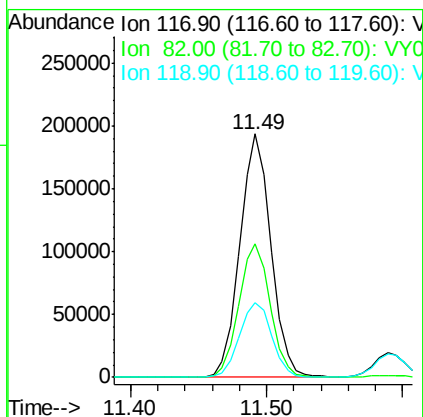
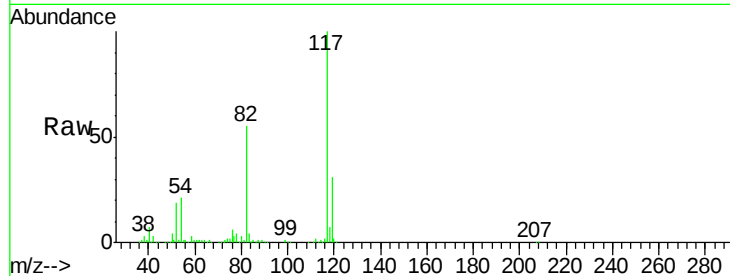
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	308157		
82	54.7	43.4	65.2	
119	30.7	25.8	38.6	

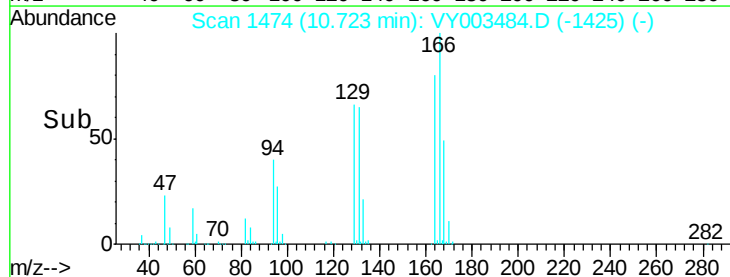
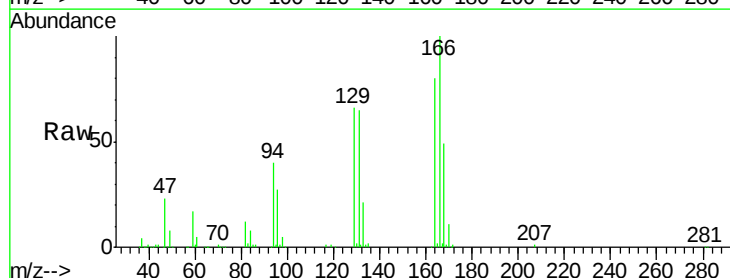
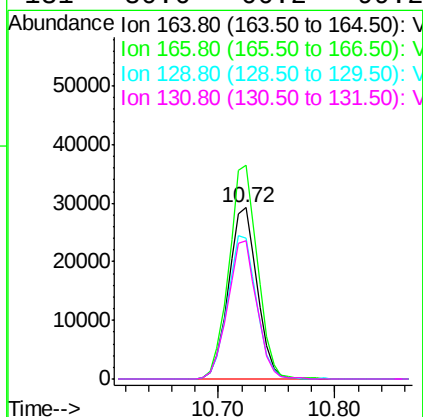
Manual Integrations
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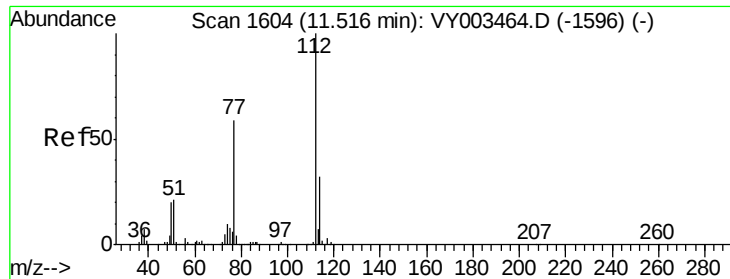
MMDadoda
11/4/2020 11:57:41 AM



#64
Tetrachloroethene
Concen: 21.718 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49981		
166	124.7	104.9	157.3	
129	82.5	68.9	103.3	
131	80.6	66.2	99.2	





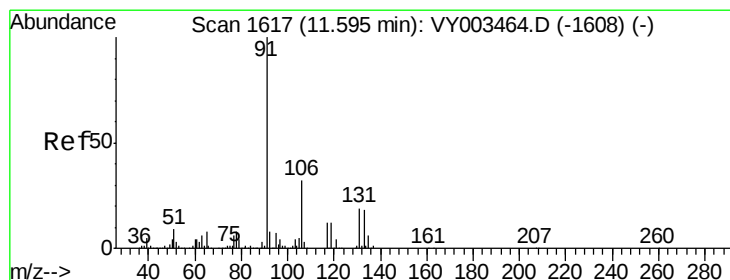
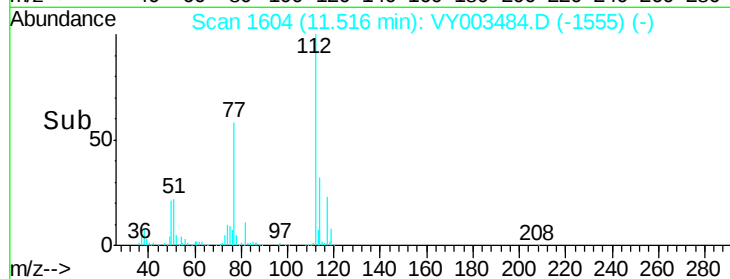
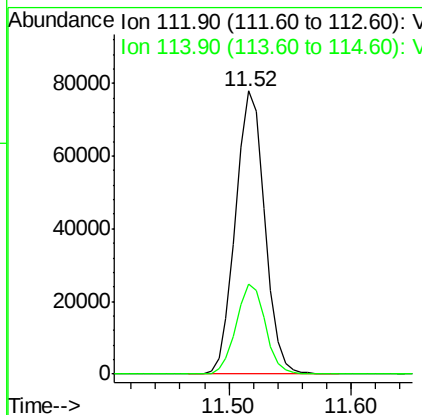
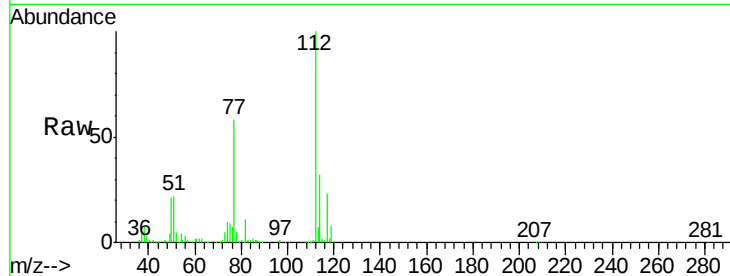
#65
Chlorobenzene
Concen: 21.505 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

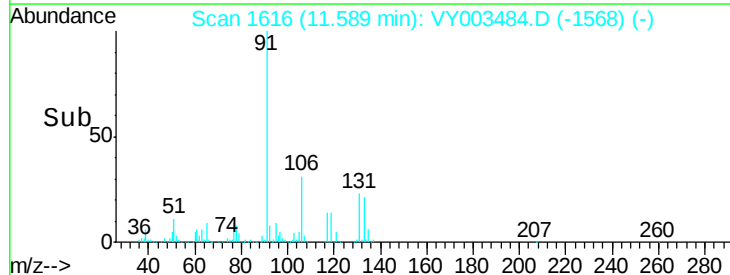
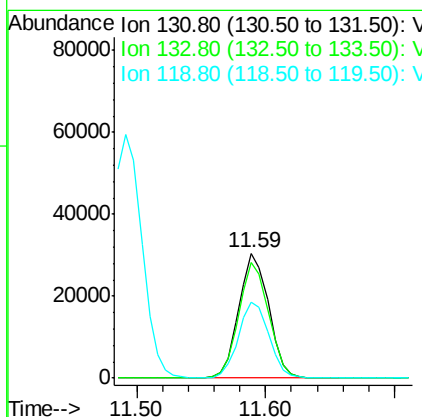
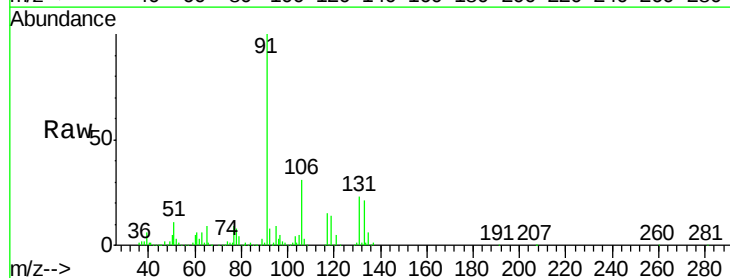
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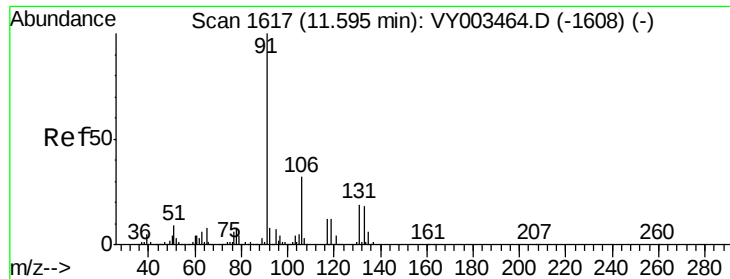
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.694 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.0	47.4	142.2
119	62.6	31.6	95.0





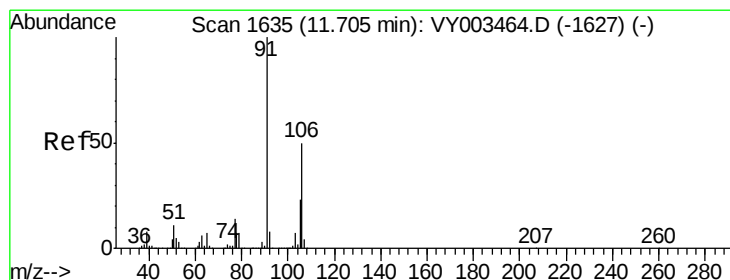
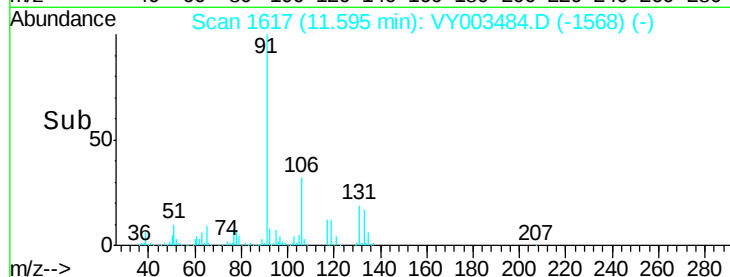
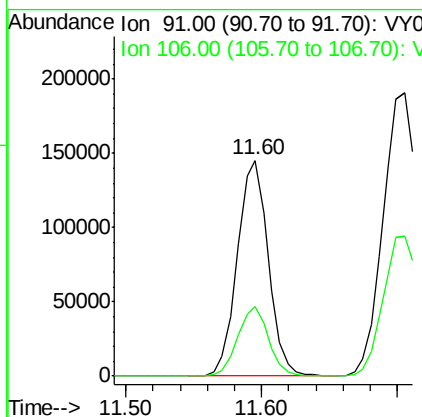
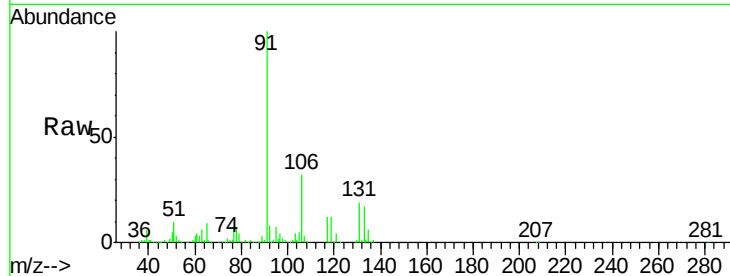
#67
Ethyl Benzene
Concen: 21.215 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion: 91 Resp: 230304
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0

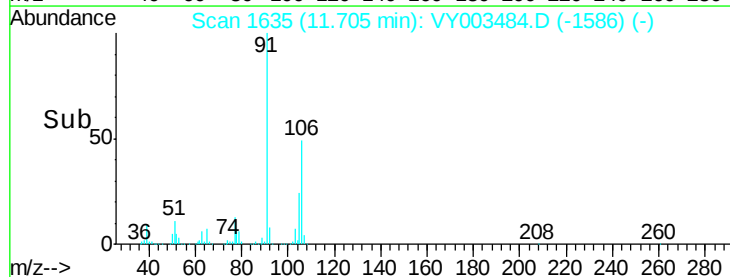
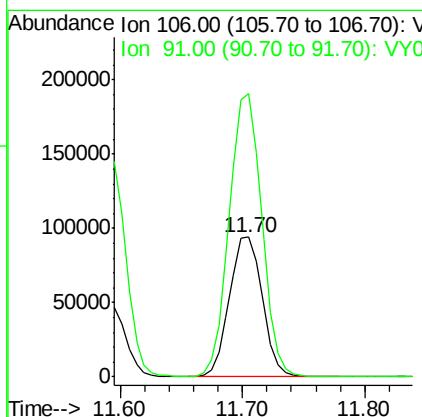
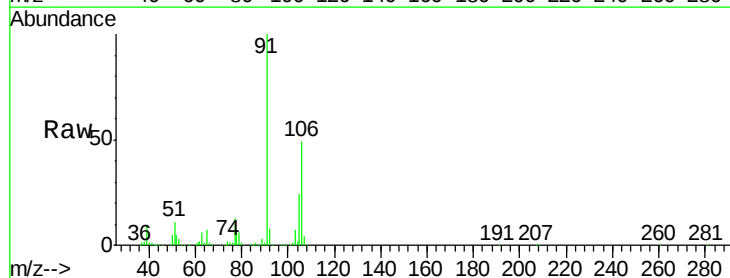
Manual Integrations
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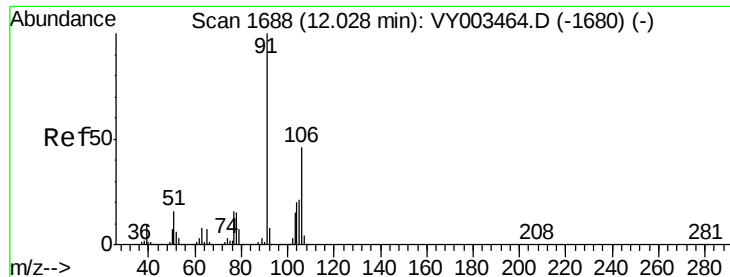
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11/4/2020 11:57:41 AM



#68
m/p-Xylenes
Concen: 42.694 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion: 106 Resp: 175634
Ion Ratio Lower Upper
106 100
91 200.3 161.0 241.6





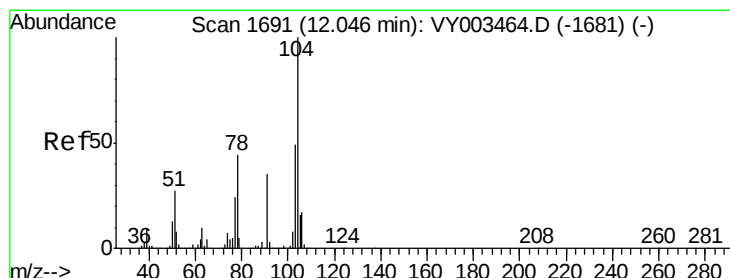
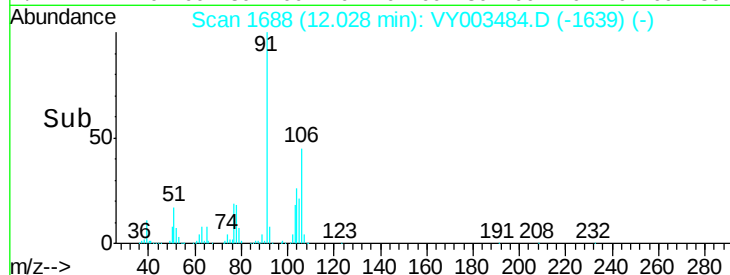
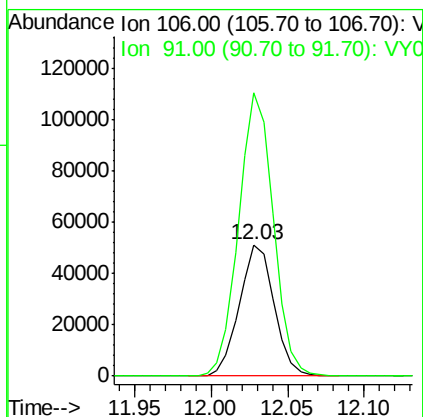
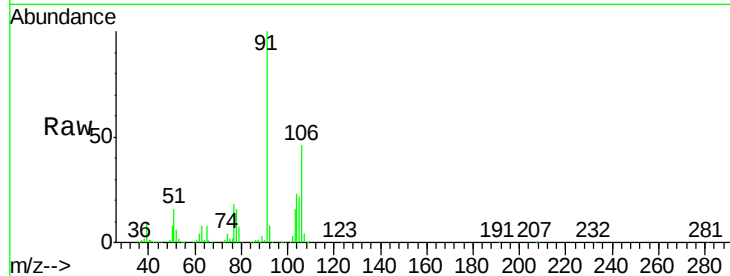
#69
o-Xylene
Concen: 21.307 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion:106 Resp: 80629
Ion Ratio Lower Upper
106 100
91 215.1 105.5 316.5

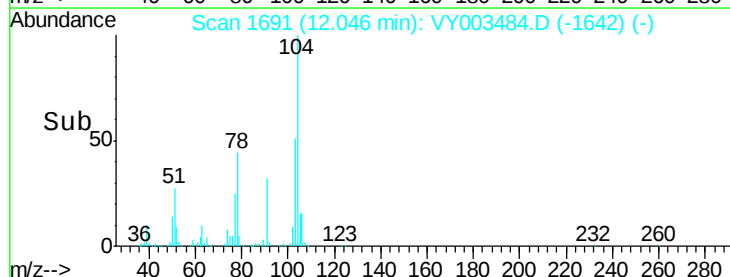
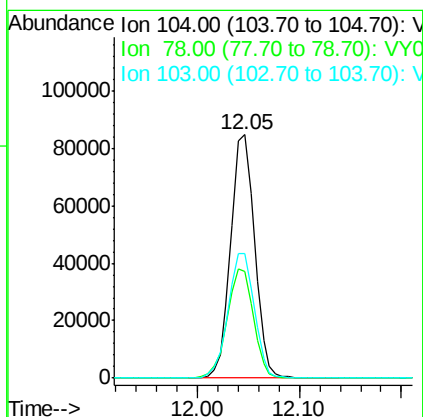
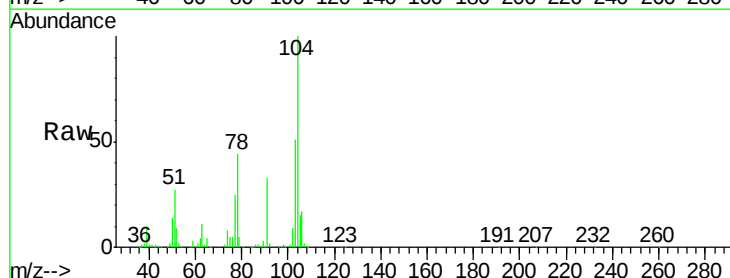
Manual Integrations
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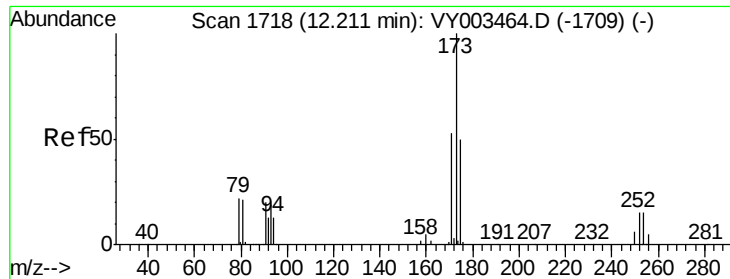
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#70
Styrene
Concen: 21.401 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion:104 Resp: 137504
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 56.2 44.2 66.2





#71

Bromoform

Concen: 21.549 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion:173 Resp: 32429

Ion Ratio Lower Upper

173 100

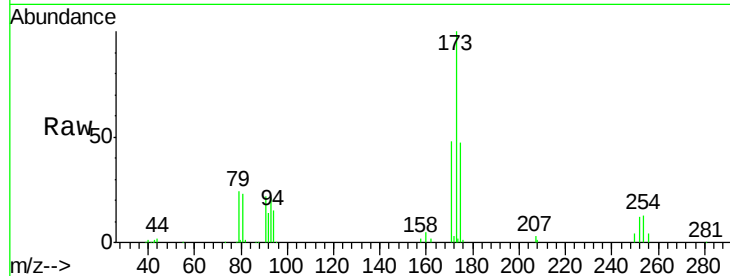
175 49.3 24.7 74.1

254 0.0 0.2 0.2#

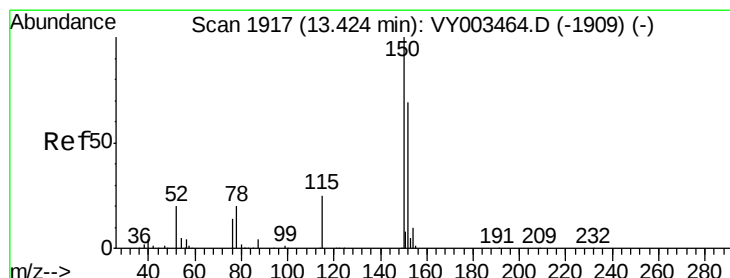
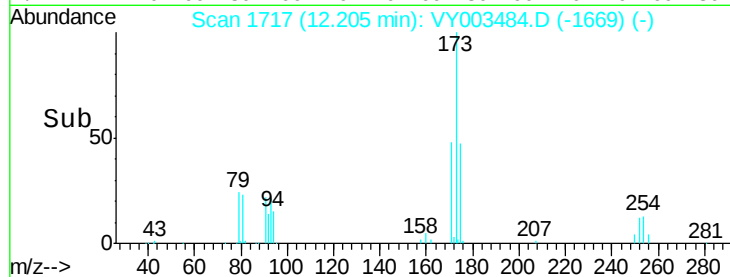
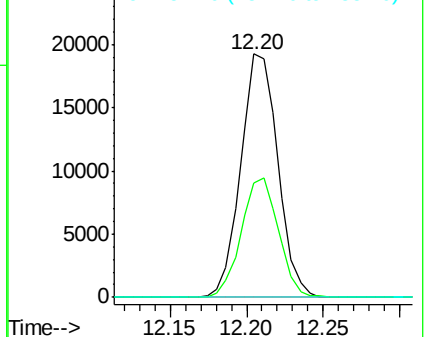
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

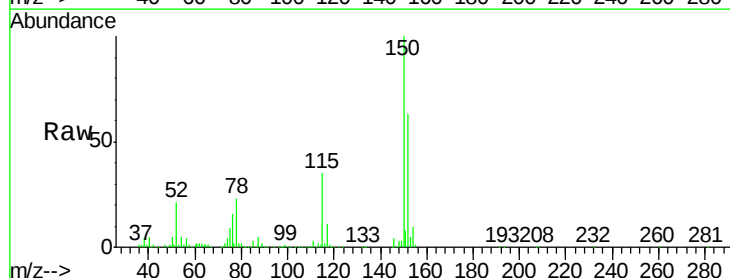
Tgt Ion:152 Resp: 160083

Ion Ratio Lower Upper

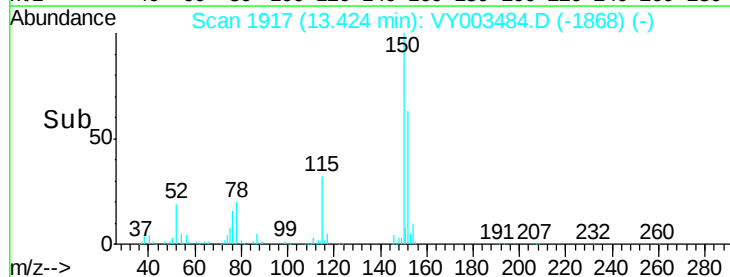
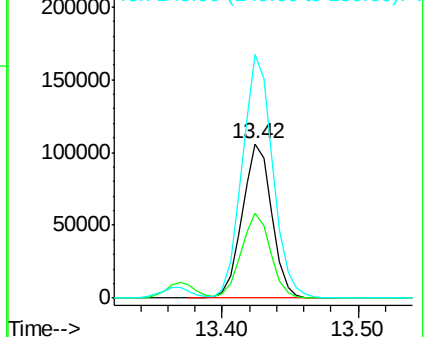
152 100

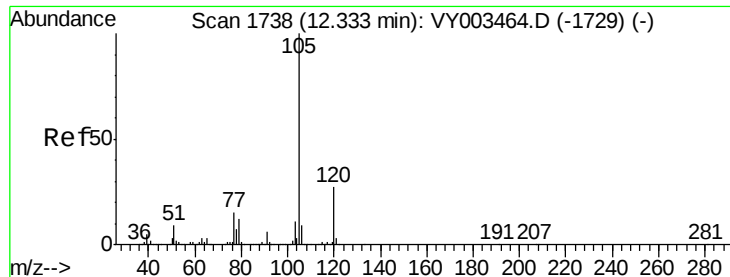
115 54.3 27.5 82.4

150 164.0 0.0 345.8



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





#73

Isopropylbenzene

Concen: 21.344 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 105 Resp: 223195

Ion Ratio Lower Upper

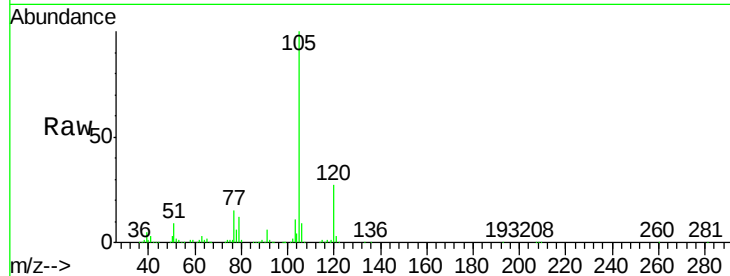
105 100

120 27.1 13.5 40.5

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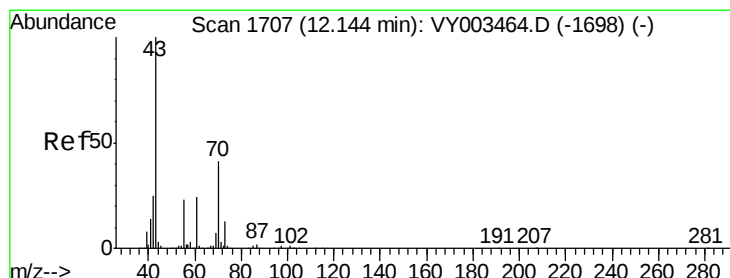
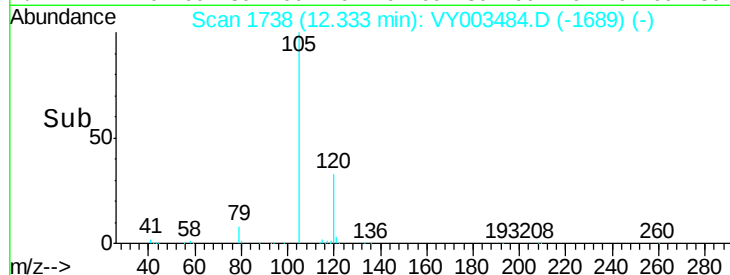
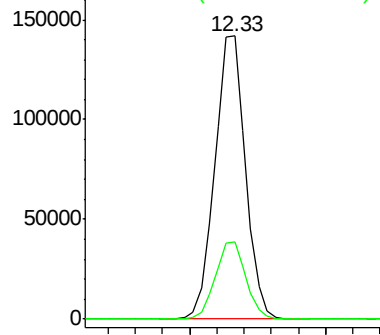
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.881 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion: 43 Resp: 64813

Ion Ratio Lower Upper

43 100

70 42.0 33.1 49.7

55 24.3 19.2 28.8

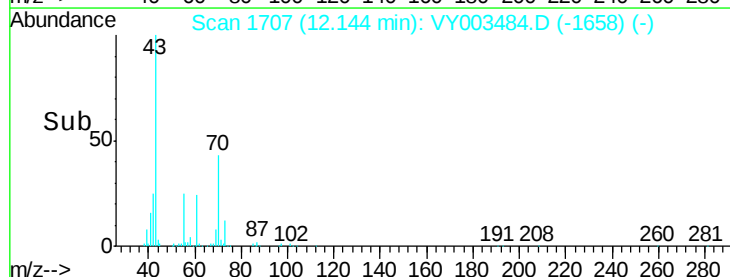
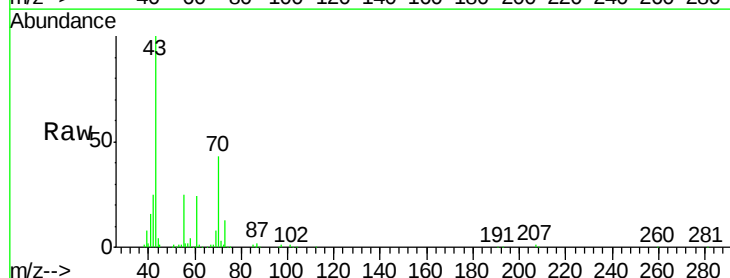
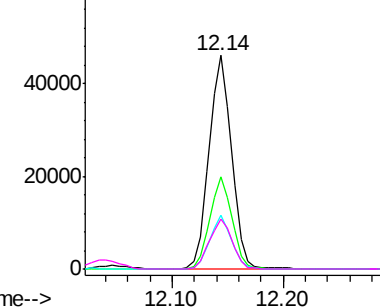
61 23.5 19.0 28.6

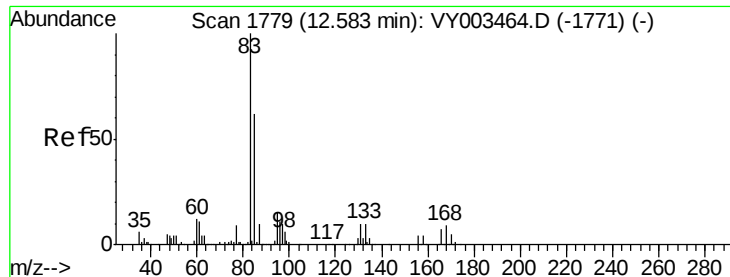
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.665 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 83 Resp: 48392

Ion Ratio Lower Upper

83 100

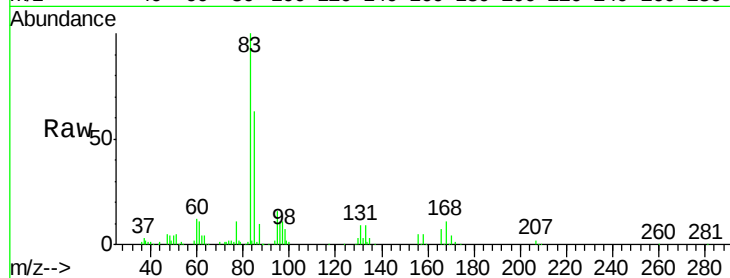
131 10.4 5.4 16.2

85 62.9 32.0 96.2

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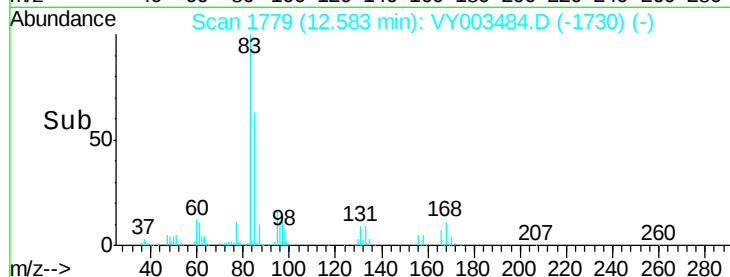
Abundance Ion 82.90 (82.60 to 83.60): VY003484.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY003484.D (-1771) (-)

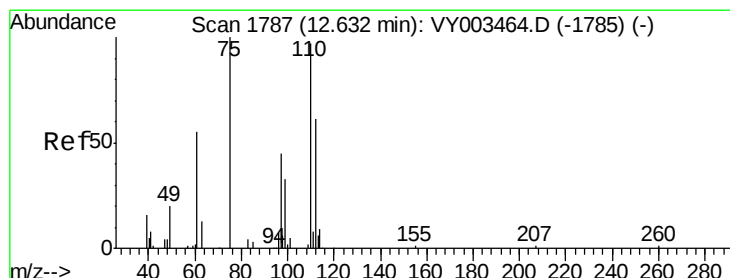
Ion 84.90 (84.60 to 85.60): VY003484.D (-1771) (-)

Time-->

12.58



Time-->



#76

1,2,3-Trichloropropane

Concen: 21.234 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003484.D

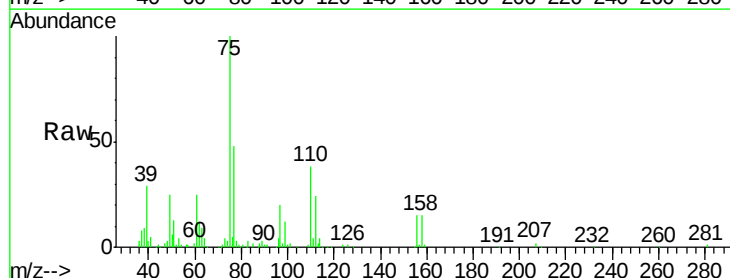
Acq: 03 Nov 2020 12:10

Tgt Ion: 75 Resp: 35966

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

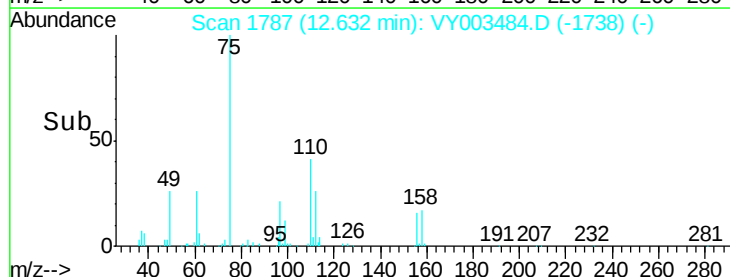


Abundance Ion 74.90 (74.60 to 75.60): VY003484.D (-1785) (-)

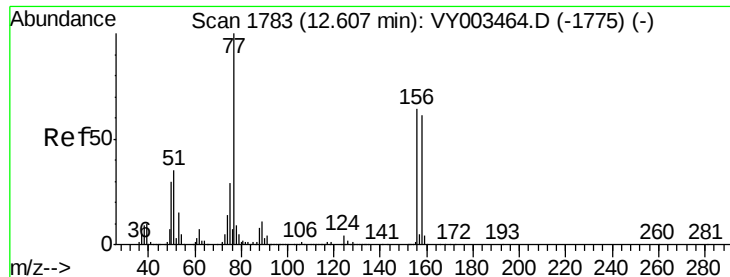
Ion 77.00 (76.70 to 77.70): VY003484.D (-1785) (-)

Time-->

12.63



Time-->



#77

Bromobenzene

Concen: 21.118 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBS01

Tot Ion:156 Resp: 56108

Ion Ratio Lower Upper

156 100

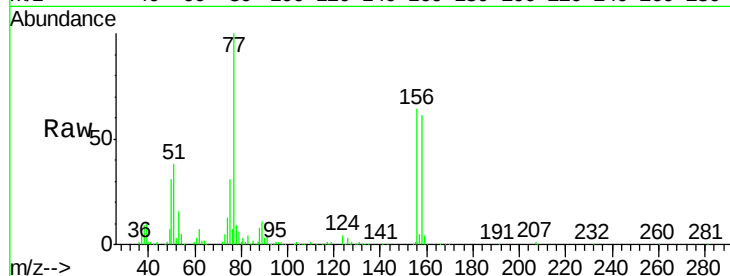
77 180.5 87.0 260.9

158 97.0 48.7 146.1

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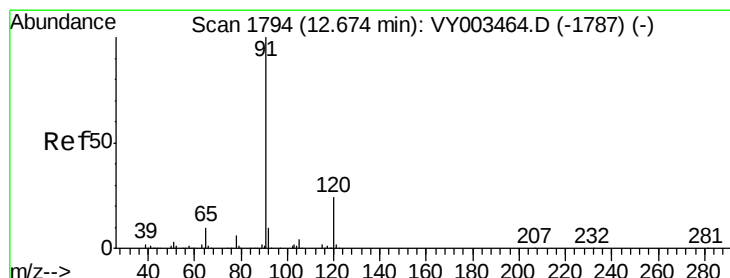
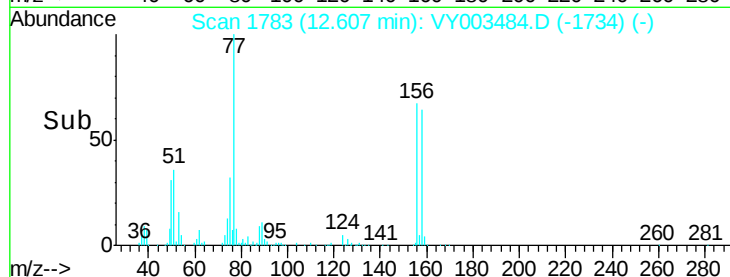
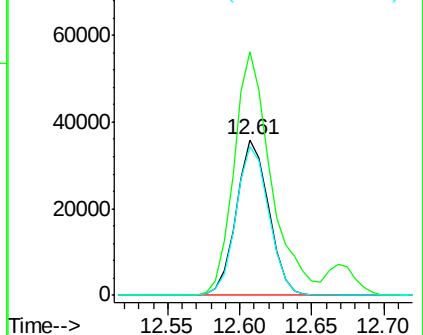
11/4/2020 11:57:41 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.644 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003484.D

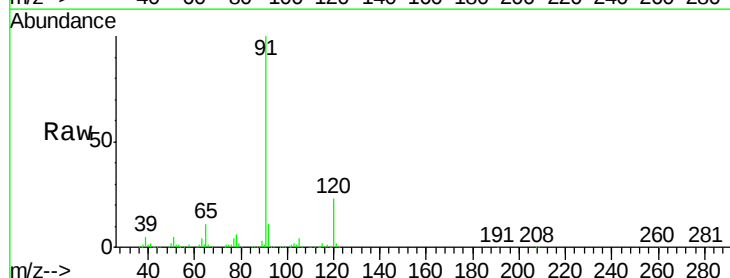
Acq: 03 Nov 2020 12:10

Tgt Ion: 91 Resp: 266594

Ion Ratio Lower Upper

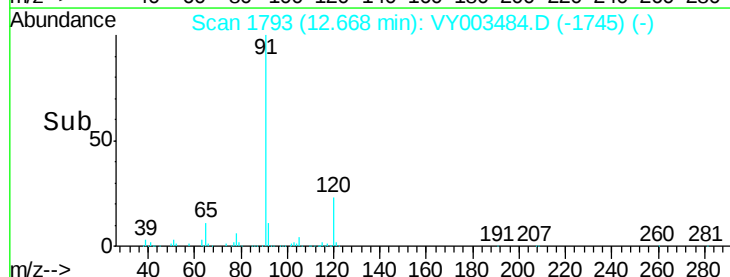
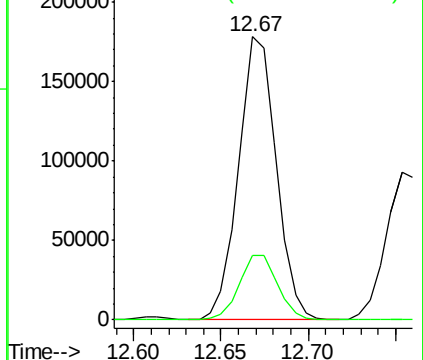
91 100

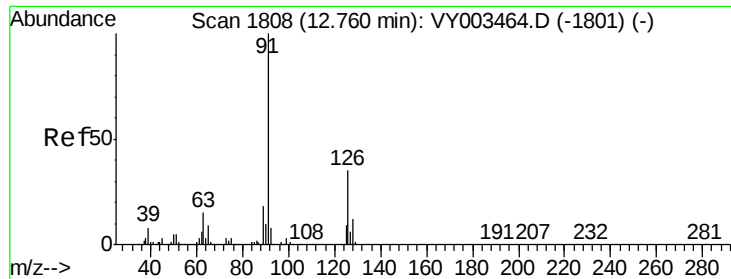
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





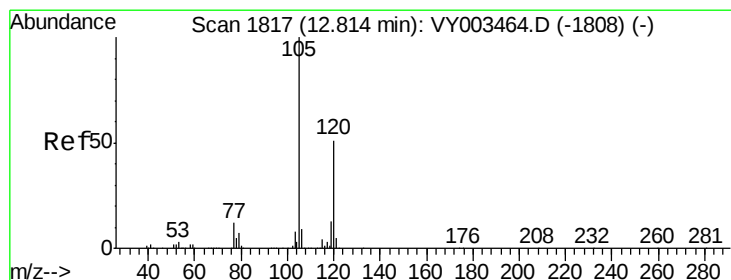
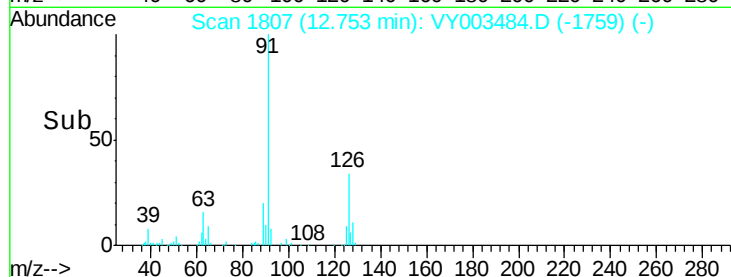
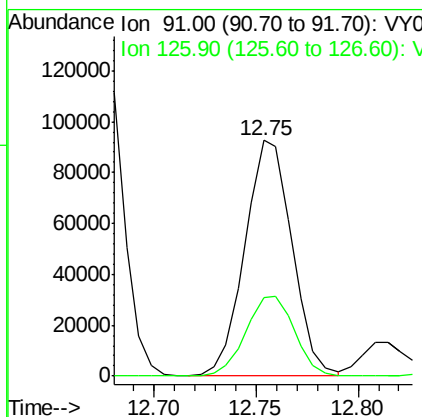
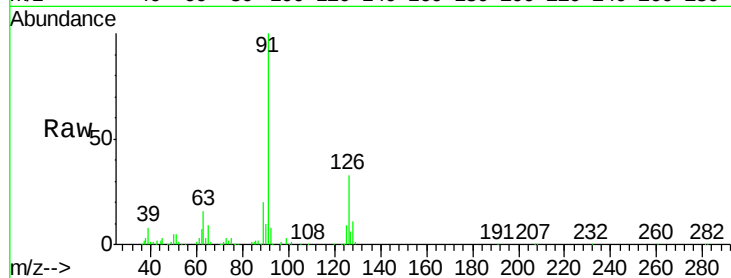
#79
2-Chlorotoluene
Concen: 21.645 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.8	53.3

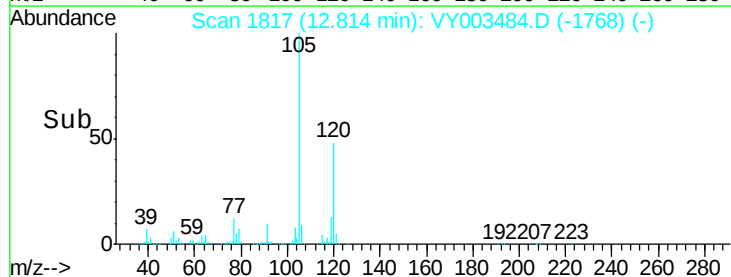
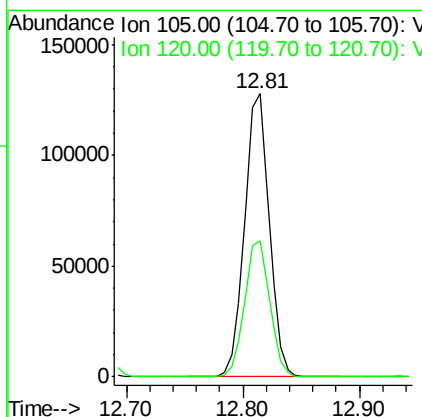
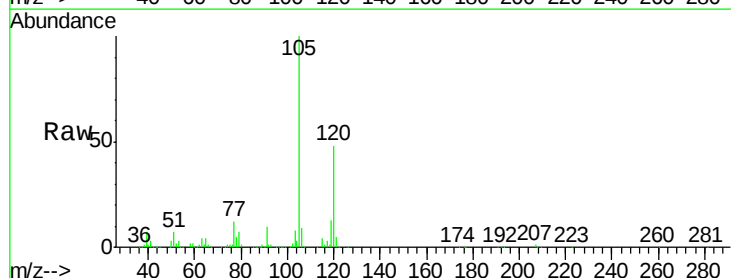
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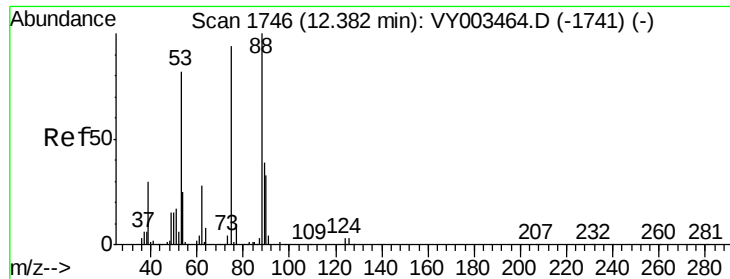
MMDadoda
11/4/2020 11:57:41 AM



#80
1,3,5-Trimethylbenzene
Concen: 21.930 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.2	25.3	75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 21.419 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

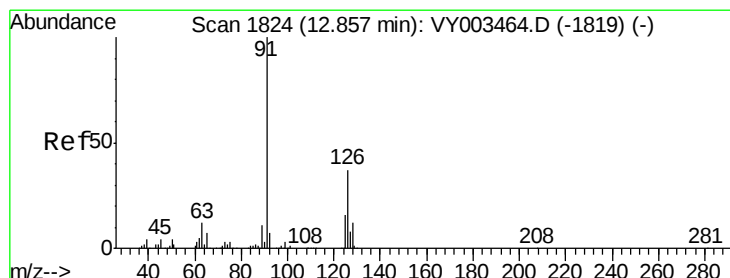
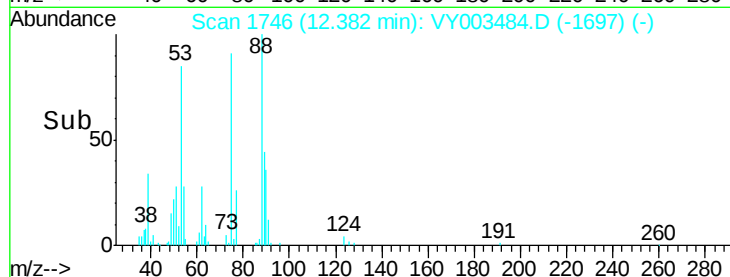
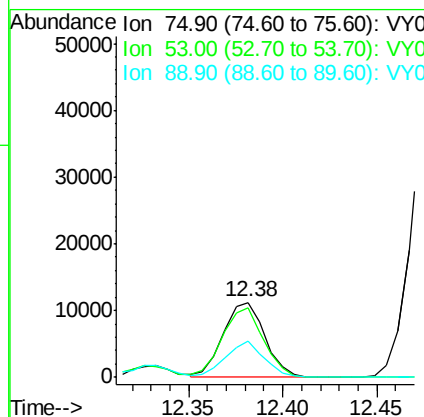
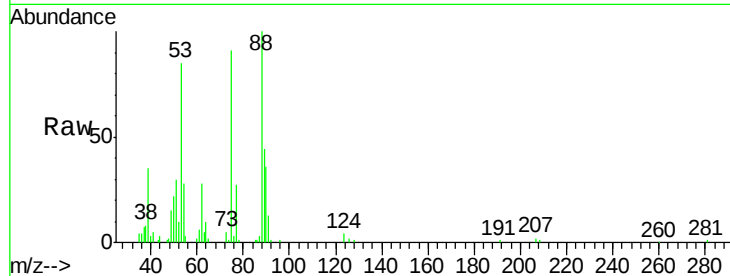
ClientSampleId :

VY1103SBS01

Tot Ion:	75	Resp:	17382
Ion	Ratio	Lower	Upper
75	100		
53	90.8	74.7	112.1
89	45.2	35.8	53.8

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#82

4-Chlorotoluene

Concen: 21.823 ug/l

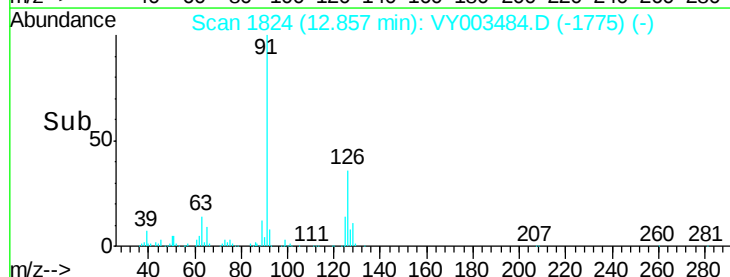
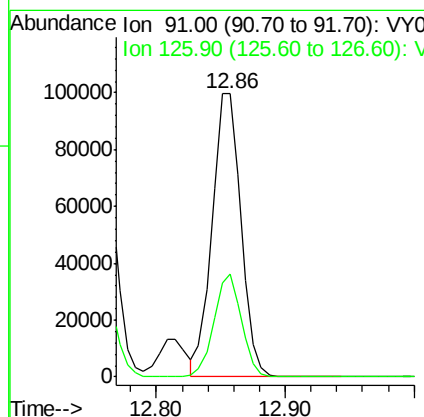
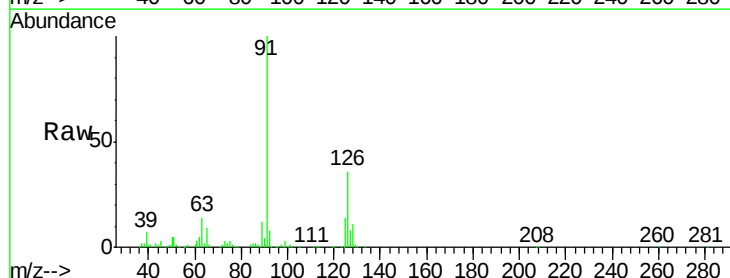
RT: 12.86 min Scan# 1824

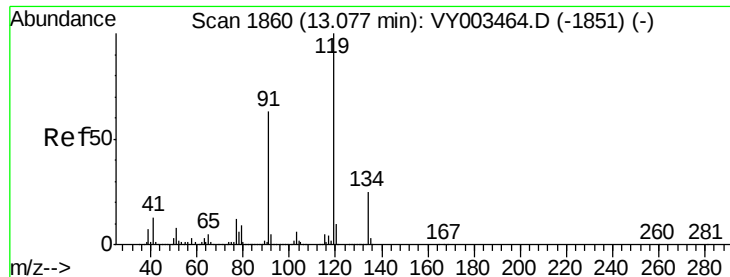
Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion:	91	Resp:	156942
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.6	52.8





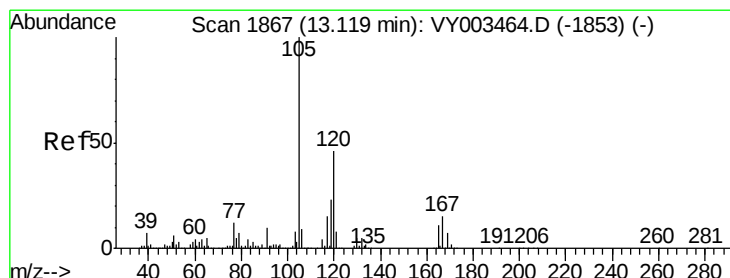
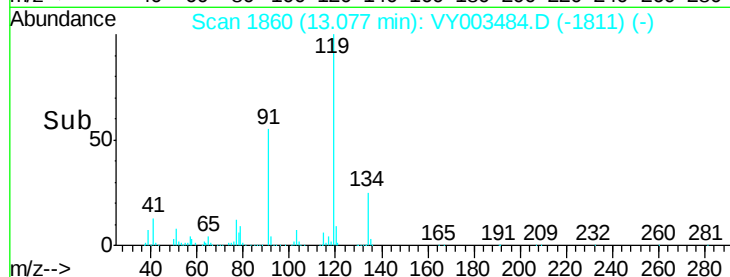
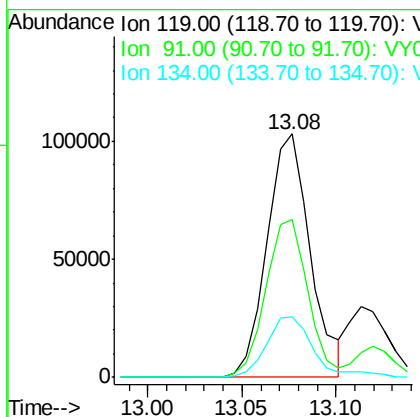
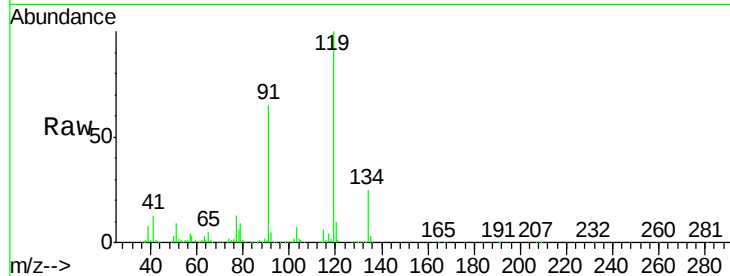
#83
tert-Butylbenzene
Concen: 21.420 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	31.1	93.2
134	27.1	13.4	40.1

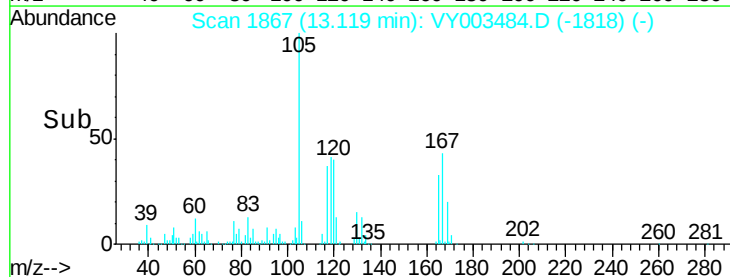
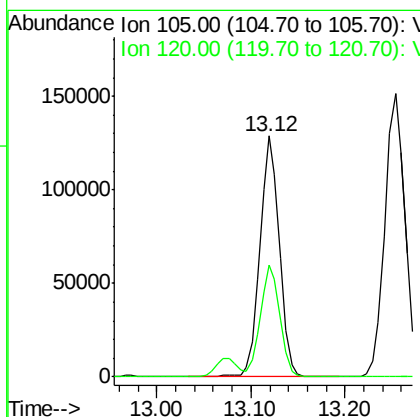
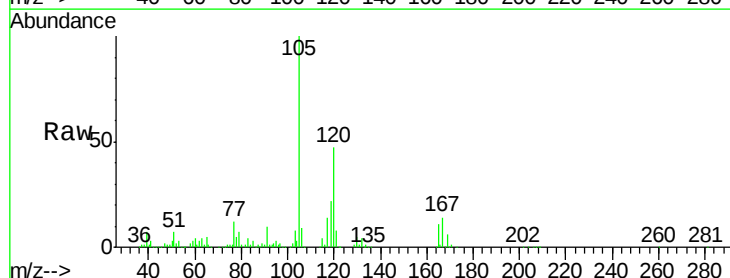
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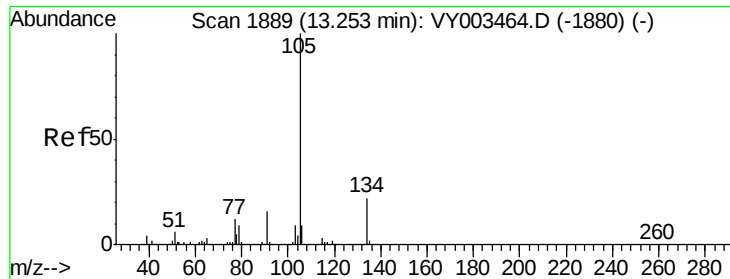
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#84
1,2,4-Trimethylbenzene
Concen: 21.727 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.8





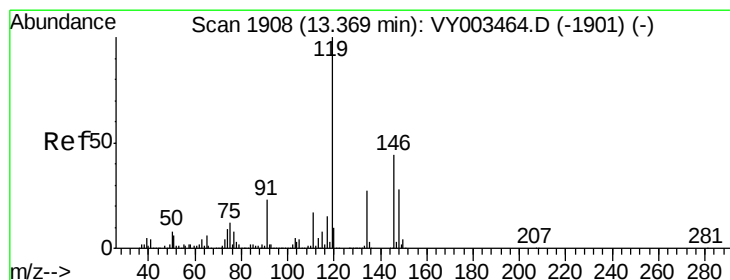
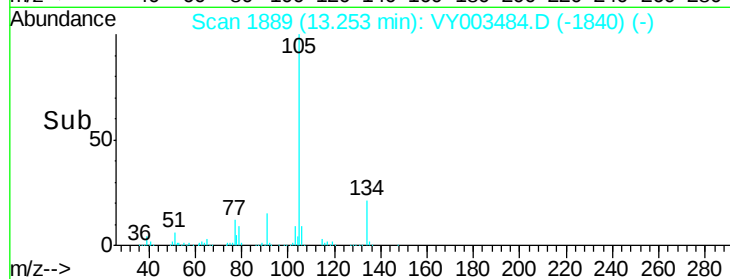
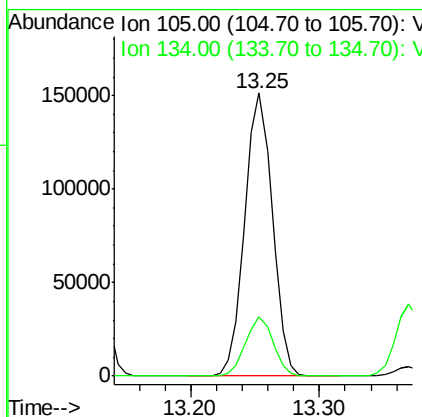
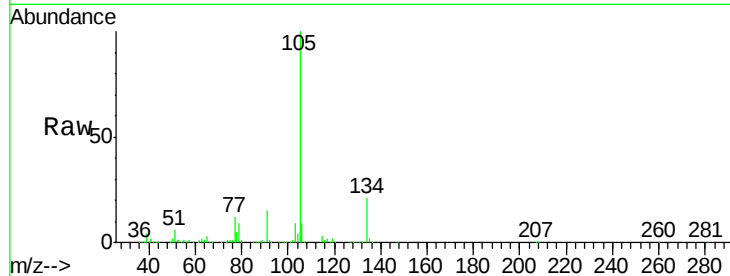
#85
 sec-Butylbenzene
 Concen: 21.575 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.6	31.8

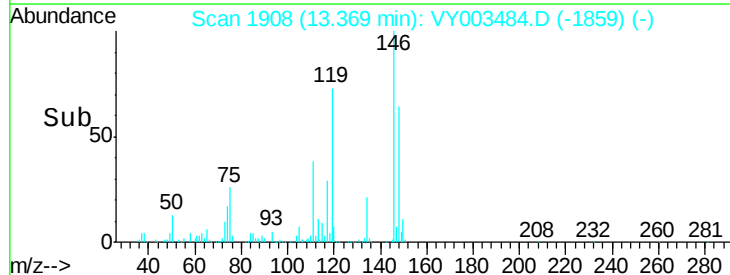
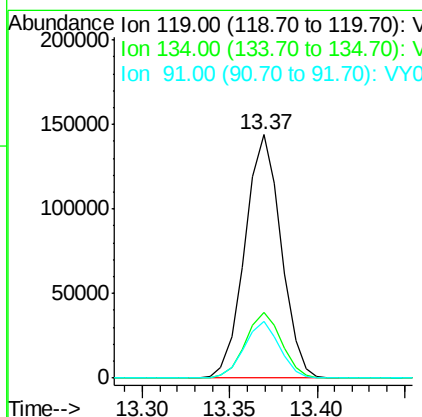
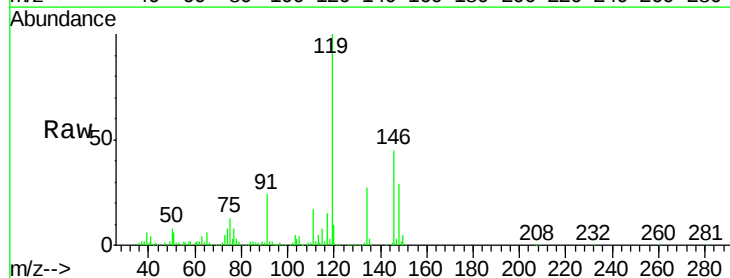
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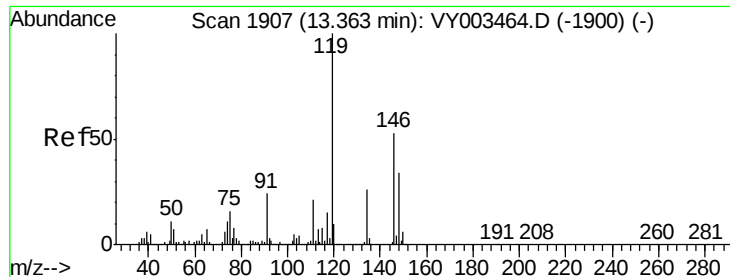
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 11/4/2020 11:57:41 AM



#86
 p-Isopropyltoluene
 Concen: 21.374 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.6	40.7
91	22.8	11.4	34.2





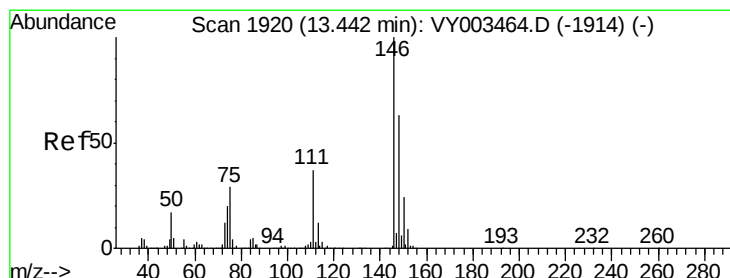
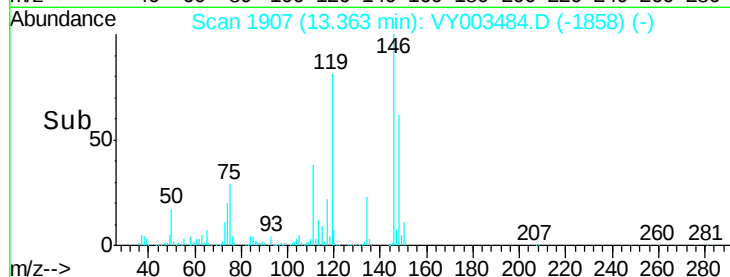
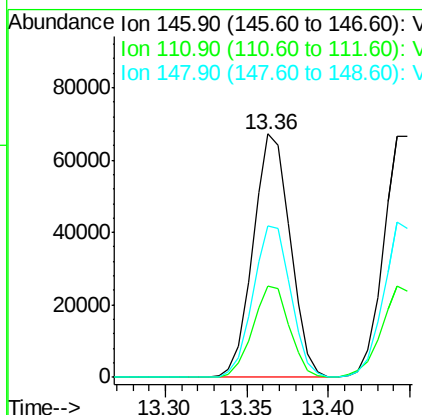
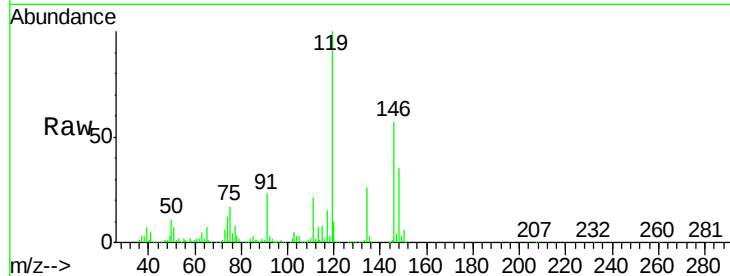
#87
 1,3-Dichlorobenzene
 Concen: 21.527 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.1
148	63.1	32.4	97.0

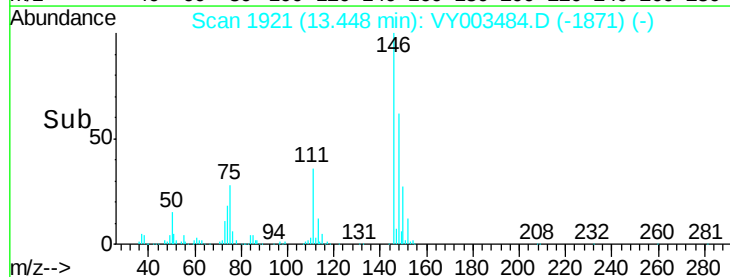
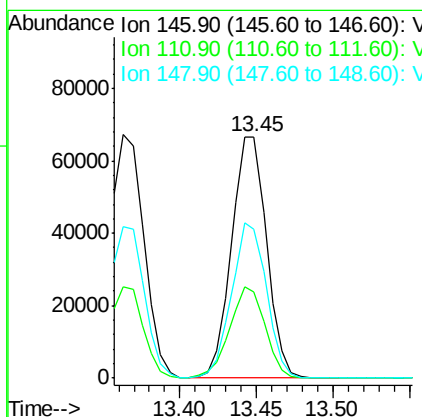
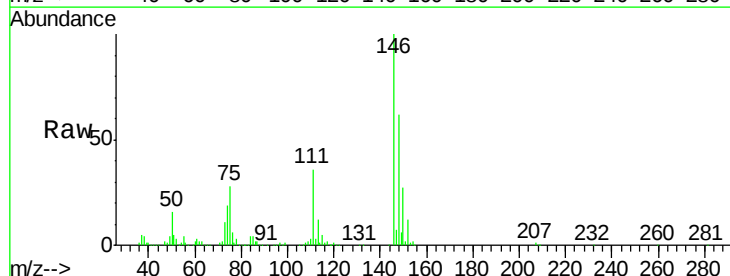
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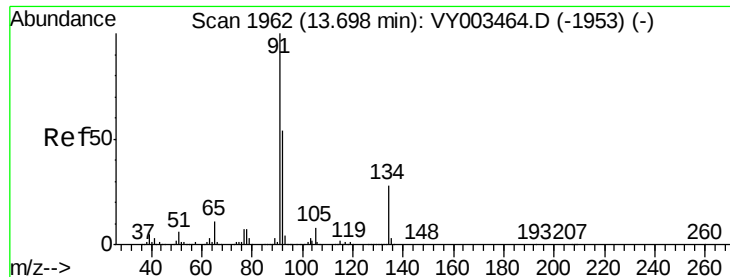
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 11/4/2020 11:57:41 AM



#88
 1,4-Dichlorobenzene
 Concen: 21.483 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.3	54.8
148	63.9	32.0	96.0





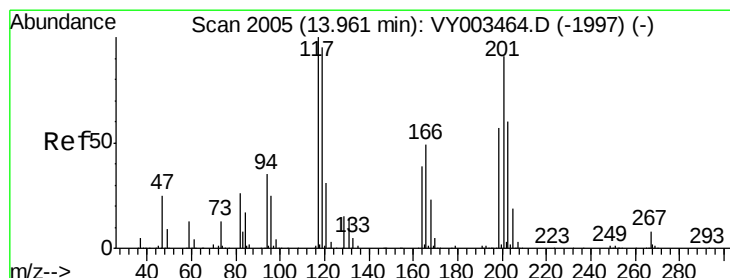
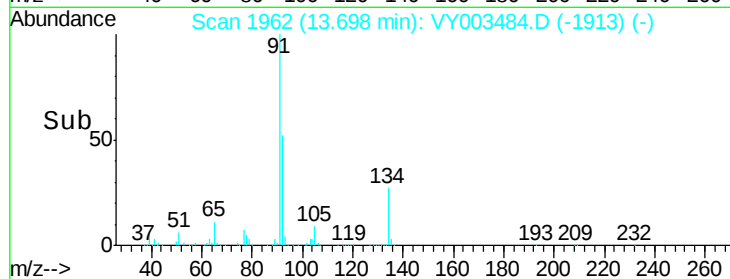
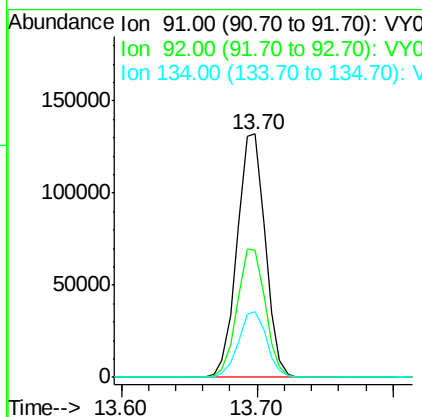
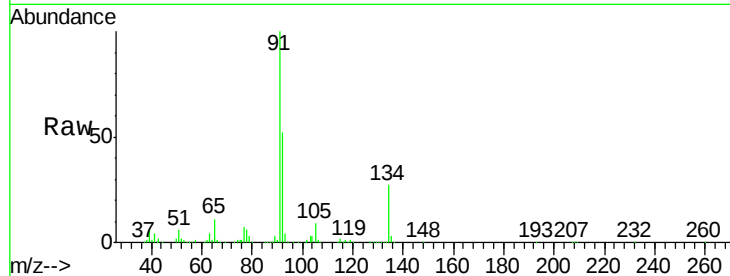
#89
n-Butylbenzene
Concen: 21.630 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.7	80.1
134	26.9	13.8	41.3

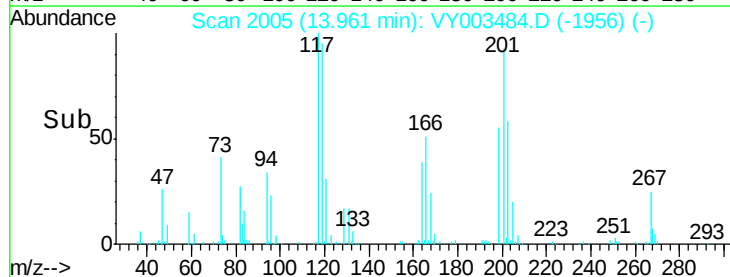
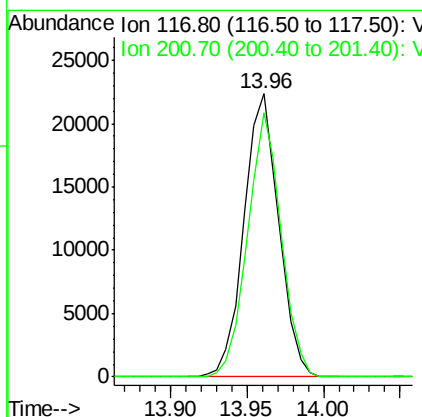
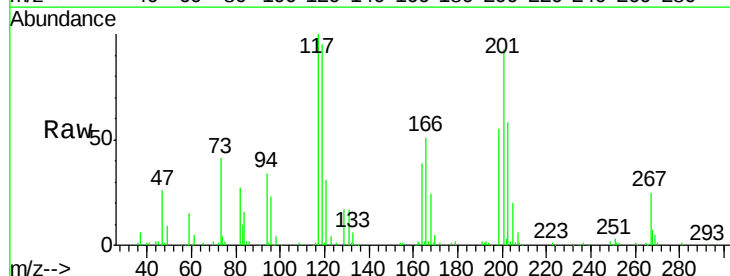
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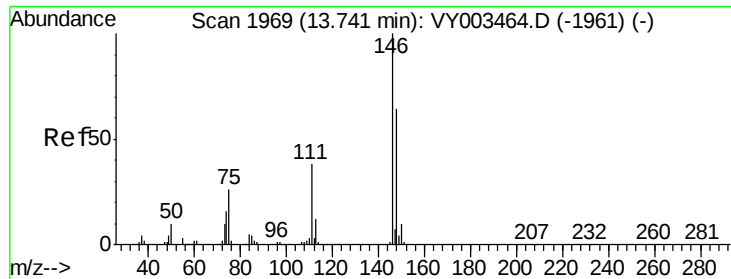
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#90
Hexachloroethane
Concen: 21.722 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003484.D
Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.2	46.6	139.8





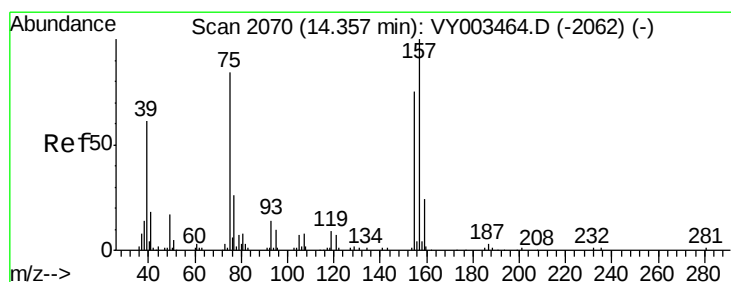
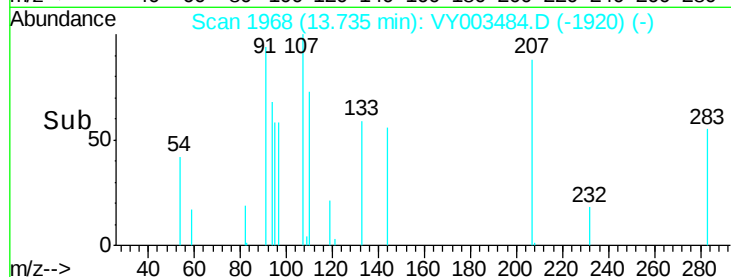
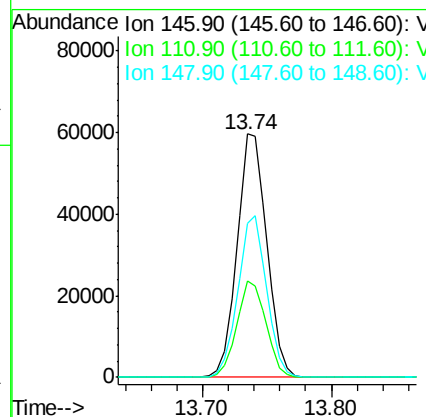
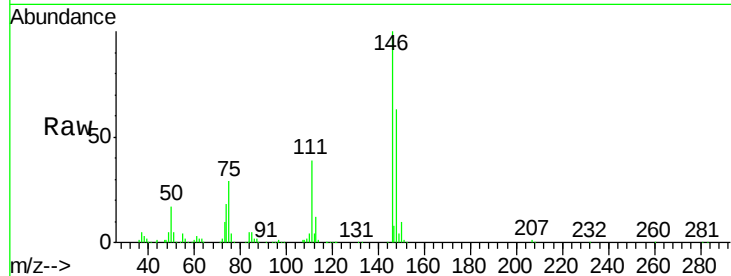
#91
 1,2-Dichlorobenzene
 Concen: 21.694 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	64.1	32.3	96.8

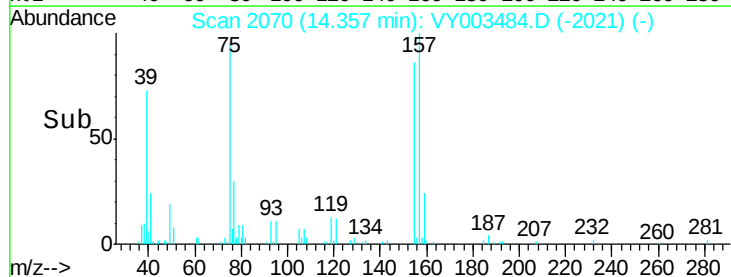
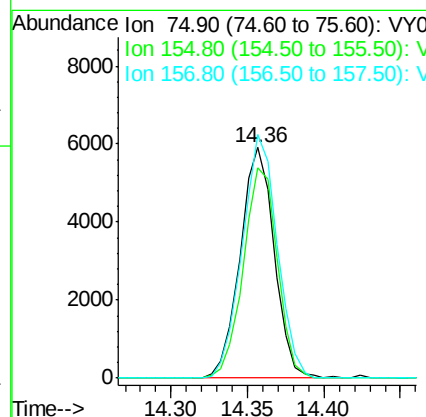
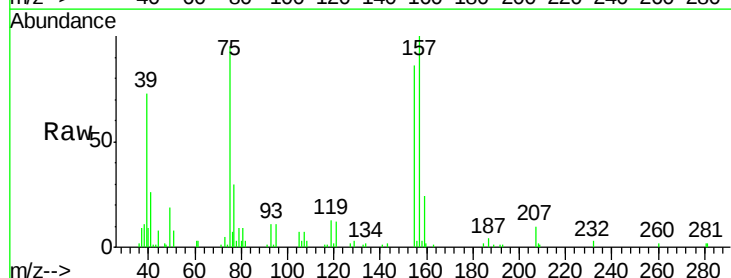
Manual Integrations
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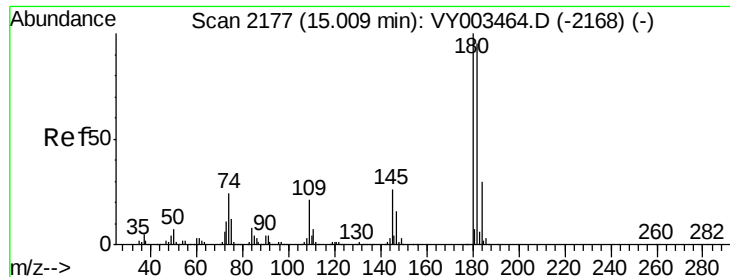
MMDadoda
 11/4/2020 11:57:41 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.533 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	45.6	136.7
157	108.9	60.3	180.8





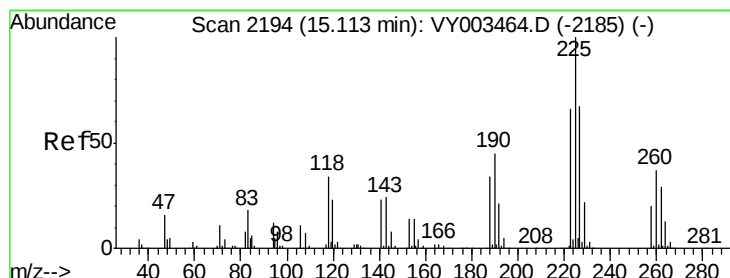
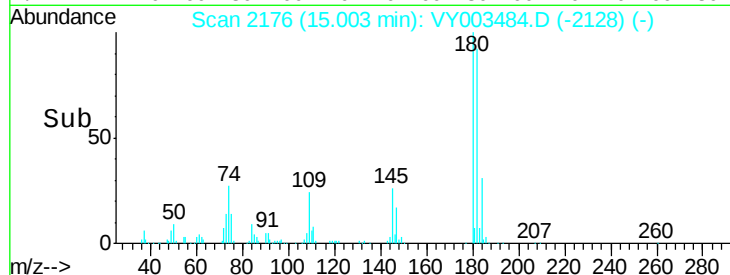
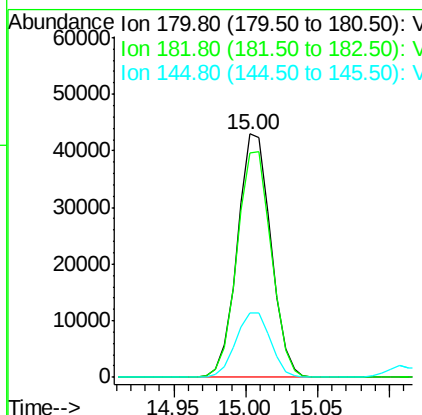
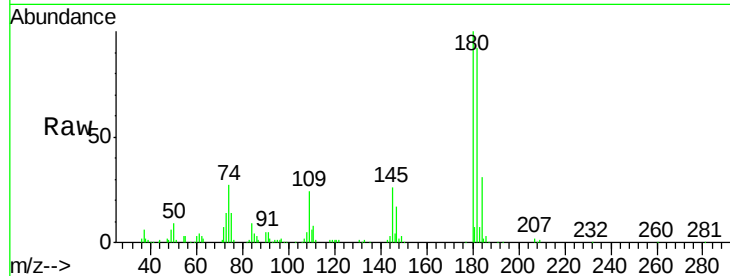
#93
 1,2,4-Trichlorobenzene
 Concen: 22.300 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	69355		
182	94.7		48.1	144.3
145	27.6		13.8	41.3

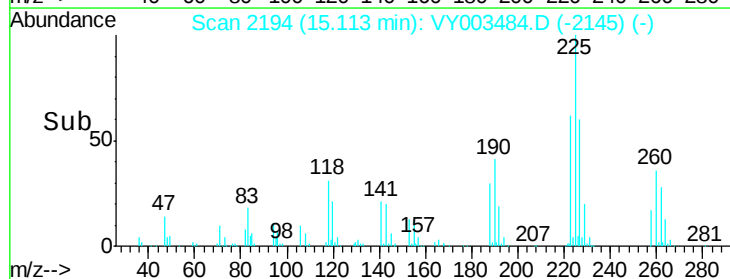
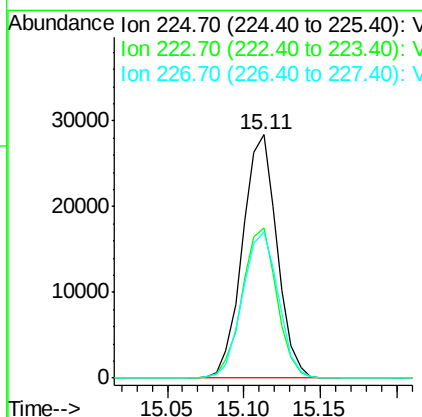
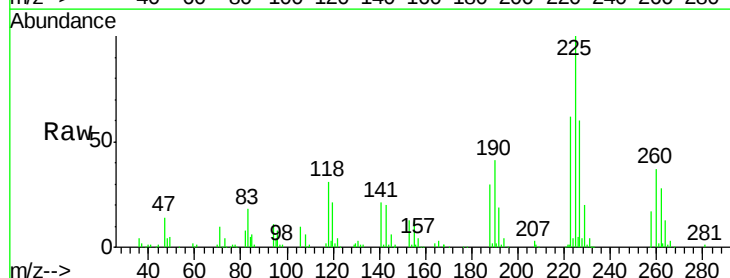
Manual Integrations
 APPROVED

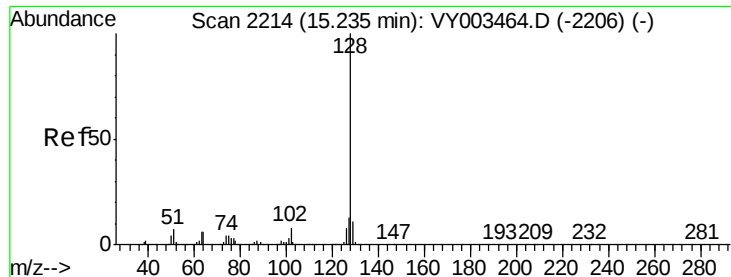
MMDadoda
 11/4/2020 11:57:41 AM



#94
 Hexachlorobutadiene
 Concen: 22.237 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003484.D
 Acq: 03 Nov 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44488		
223	62.0		32.1	96.3
227	62.2		32.4	97.2





#95

Naphthalene

Concen: 21.775 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Instrument :

MSVOA_Y

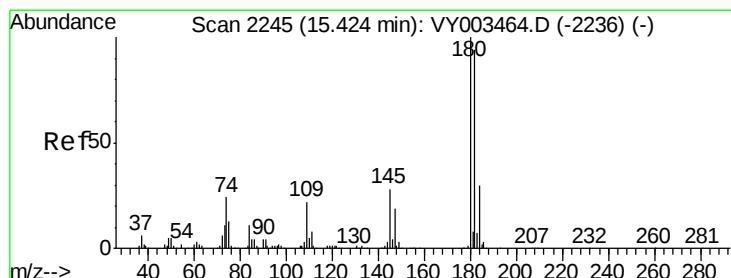
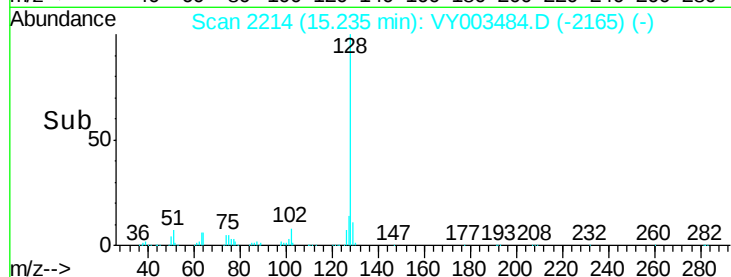
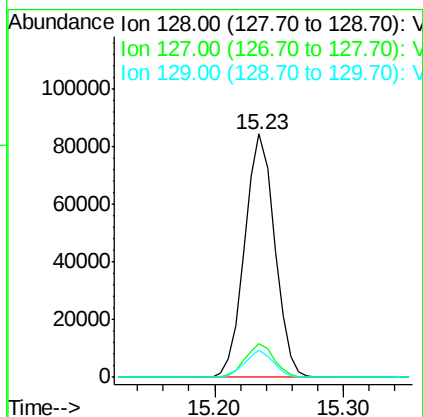
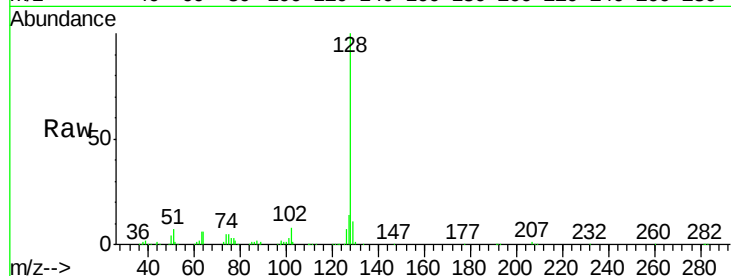
ClientSampleId :

VY1103SBS01

Tot Ion:	128	Resp:	135611
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/4/2020 11:57:41 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.782 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003484.D

Acq: 03 Nov 2020 12:10

Tgt Ion:	180	Resp:	60936
Ion Ratio	Lower	Upper	
180	100		
182	97.6	46.9	140.7
145	29.0	14.4	43.2

