

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003120.D
 Acq On : 07 Jul 2020 12:26
 Operator : SY/MD
 Sample : VY0707SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:20:37 PM

Quant Time: Jul 08 04:02:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	423386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	609294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	560141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	300957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	198260	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	7.72	113	193684	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.18	98	712212	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.48	95	249860	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	57876	18.050	ug/l	99
3) Chloromethane	2.12	50	80094	17.058	ug/l	100
4) Vinyl Chloride	2.26	62	86732	18.937	ug/l	93
5) Bromomethane	2.65	94	65568	21.085	ug/l	95
6) Chloroethane	2.79	64	58872	20.206	ug/l	92
7) Trichlorofluoromethane	3.13	101	127754	19.762	ug/l	95
8) Diethyl Ether	3.54	74	45271	20.428	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	80738	20.917	ug/l	99
10) Methyl Iodide	4.10	142	97088	20.285	ug/l	98
11) Tert butyl alcohol	4.97	59	38830	90.609	ug/l	98
12) 1,1-Dichloroethene	3.88	96	74938	20.405	ug/l	91
13) Acrolein	3.74	56	30850	80.152	ug/l	96
14) Allyl chloride	4.49	41	115132	17.955	ug/l	98
15) Acrylonitrile	5.18	53	109261	95.662	ug/l	99
16) Acetone	3.96	43	86068	86.783	ug/l	96
17) Carbon Disulfide	4.20	76	221221	18.853	ug/l	99
18) Methyl Acetate	4.48	43	49299	18.451	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	213925	19.983	ug/l	100
20) Methylene Chloride	4.72	84	94475	16.706	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	85810	20.656	ug/l	88
22) Diisopropyl ether	6.13	45	257037	18.703	ug/l	98
23) Vinyl Acetate	6.07	43	837862	91.188	ug/l	97
24) 1,1-Dichloroethane	6.03	63	144032	19.185	ug/l	99
25) 2-Butanone	7.00	43	139587	88.603	ug/l	98
26) 2,2-Dichloropropane	6.99	77	133727	19.606	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	94283	20.235	ug/l	95
28) Bromochloromethane	7.35	49	59939	17.944	ug/l	86
29) Tetrahydrofuran	7.35	42	94352	90.060	ug/l	95
30) Chloroform	7.52	83	152600	20.518	ug/l	97
31) Cyclohexane	7.79	56	139441	18.854	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	136177	20.059	ug/l	99
36) 1,1-Dichloropropene	7.92	75	120161	20.474	ug/l	99
37) Ethyl Acetate	7.08	43	66983	18.982	ug/l	97
38) Carbon Tetrachloride	7.90	117	125276	20.516	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003120.D
 Acq On : 07 Jul 2020 12:26
 Operator : SY/MD
 Sample : VY0707SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY0707SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:20:37 PM

Quant Time: Jul 08 04:02:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	149378	20.528	ug/l	99
40) Benzene	8.16	78	333512	20.757	ug/l	100
41) Methacrylonitrile	7.32	41	39341m	20.871	ug/l	
42) 1,2-Dichloroethane	8.24	62	102068	20.080	ug/l	99
43) Isopropyl Acetate	8.28	43	123884	18.467	ug/l	95
44) Trichloroethene	8.94	130	101968	21.834	ug/l	98
45) 1,2-Dichloropropane	9.22	63	87530	20.249	ug/l	92
46) Dibromomethane	9.31	93	51497	21.330	ug/l	98
47) Bromodichloromethane	9.50	83	120984	20.465	ug/l	97
48) Methyl methacrylate	9.30	41	55135	18.057	ug/l	93
49) 1,4-Dioxane	9.30	88	11673	396.072	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	323437	93.284	ug/l	96
52) Toluene	10.24	92	211668	20.927	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	127327	20.543	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	142671	20.127	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	70441	20.996	ug/l	99
56) Ethyl methacrylate	10.51	69	96445	19.859	ug/l	95
57) 1,3-Dichloropropane	10.79	76	120637	20.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	225176	90.405	ug/l	97
59) 2-Hexanone	10.83	43	224240	92.528	ug/l	98
60) Dibromochloromethane	10.99	129	89918	20.943	ug/l	100
61) 1,2-Dibromoethane	11.09	107	69454	20.999	ug/l	98
64) Tetrachloroethene	10.72	164	110518	23.312	ug/l	98
65) Chlorobenzene	11.52	112	233551	21.146	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	91192	21.148	ug/l	99
67) Ethyl Benzene	11.59	91	420499	20.811	ug/l	100
68) m/p-Xylenes	11.70	106	320269	42.587	ug/l	97
69) o-Xylene	12.03	106	151894	21.434	ug/l	94
70) Styrene	12.04	104	253012	20.899	ug/l	98
71) Bromoform	12.20	173	59661	20.749	ug/l #	100
73) Isopropylbenzene	12.33	105	410831	20.858	ug/l	98
74) N-amyl acetate	12.14	43	116177	18.119	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	79317	19.955	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	72557m	24.360	ug/l	
77) Bromobenzene	12.61	156	105893	20.968	ug/l	96
78) n-propylbenzene	12.67	91	490319	20.699	ug/l	99
79) 2-Chlorotoluene	12.75	91	275832	20.862	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	347130	21.002	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	29086	18.999	ug/l	97
82) 4-Chlorotoluene	12.85	91	284962	20.700	ug/l	99
83) tert-Butylbenzene	13.07	119	306722	21.134	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	349288	20.972	ug/l	99
85) sec-Butylbenzene	13.25	105	423030	21.147	ug/l	99
86) p-Isopropyltoluene	13.37	119	392614	21.181	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	200931	21.311	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	201323	21.654	ug/l	99
89) n-Butylbenzene	13.69	91	373854	21.080	ug/l	99
90) Hexachloroethane	13.96	117	73346	19.927	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	180639	21.354	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13602	19.331	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
Data File : VY003120.D
Acq On : 07 Jul 2020 12:26
Operator : SY/MD
Sample : VY0707SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

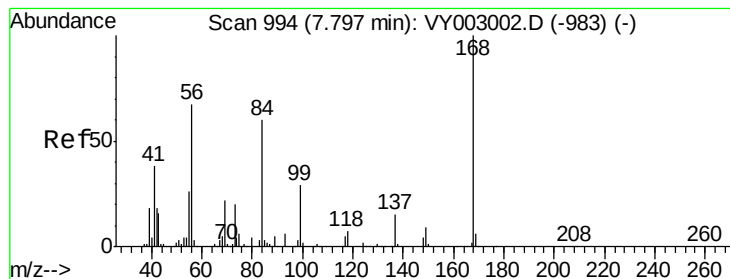
Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:20:37 PM

Quant Time: Jul 08 04:02:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	135601	21.573	ug/l	99
94) Hexachlorobutadiene	15.11	225	88029	22.202	ug/l	99
95) Naphthalene	15.23	128	229585	19.997	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	113326	20.763	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion:168 Resp: 423386

Ion Ratio Lower Upper

168 100

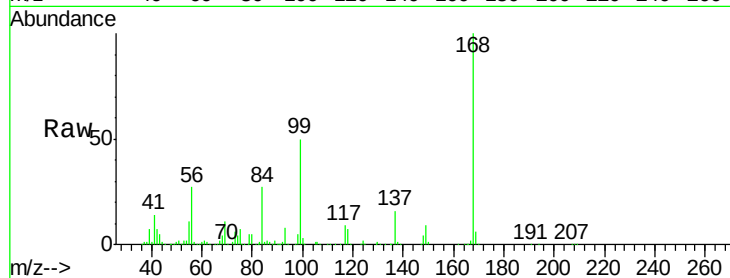
99 49.9 39.2 58.8

Manual Integrations

APPROVED

MMDadoda

7/8/2020 12:20:37 PM



Abundance Ion 167.90 (167.60 to 168.60): VY003120.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003120.D (-945) (-)

7.80

200000

150000

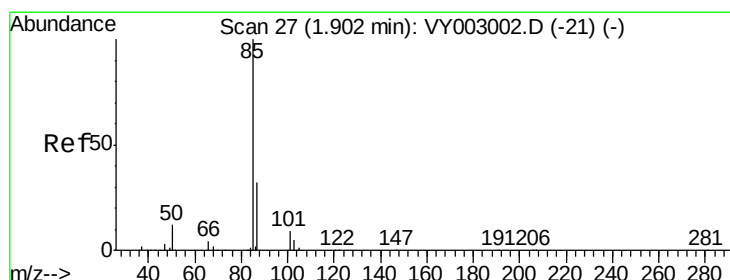
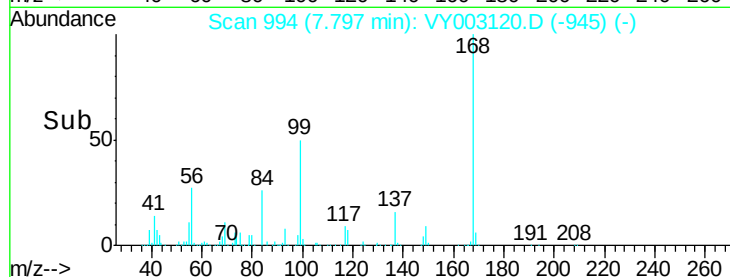
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.050 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003120.D

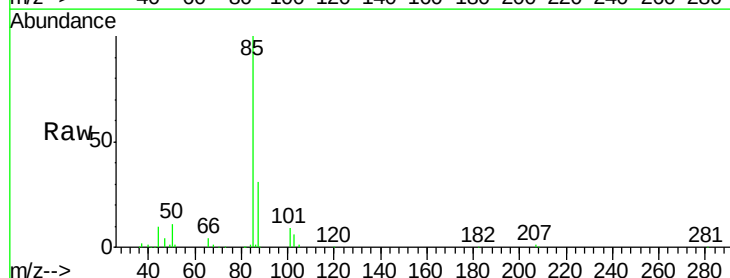
Acq: 07 Jul 2020 12:26

Tgt Ion: 85 Resp: 57876

Ion Ratio Lower Upper

85 100

87 30.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003120.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003120.D (-1) (-)

1.91

40000

30000

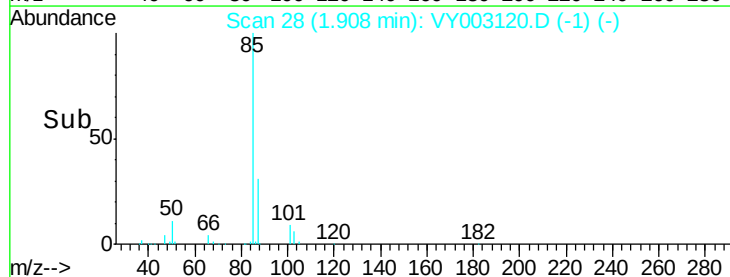
20000

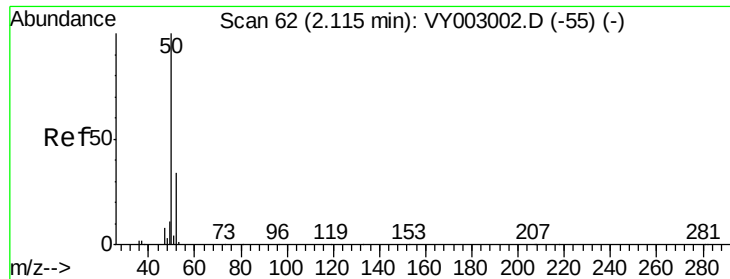
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 17.058 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 50 Resp: 80094

Ion Ratio Lower Upper

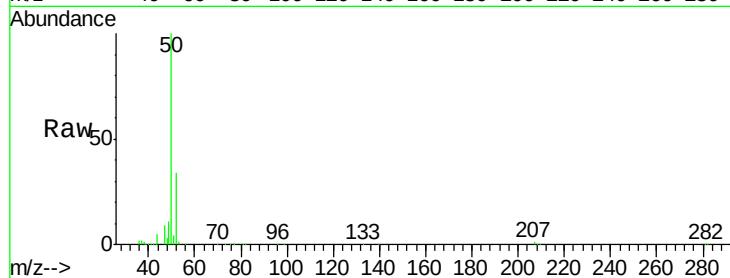
50 100

52 33.5 26.9 40.3

Manual Integrations
APPROVED

MMDadoda

7/8/2020 12:20:37 PM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

60000

50000

40000

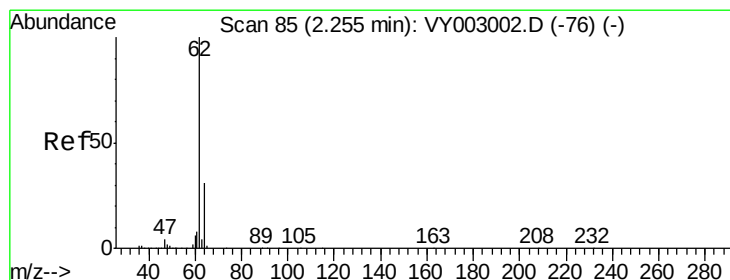
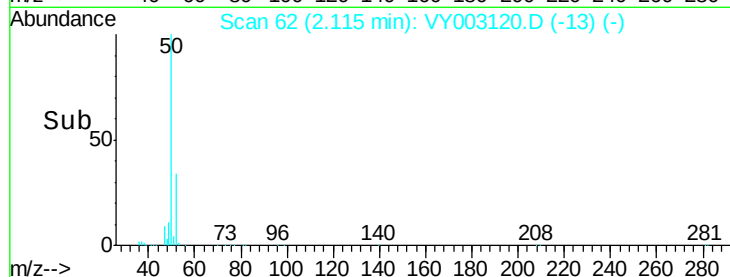
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 18.937 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003120.D

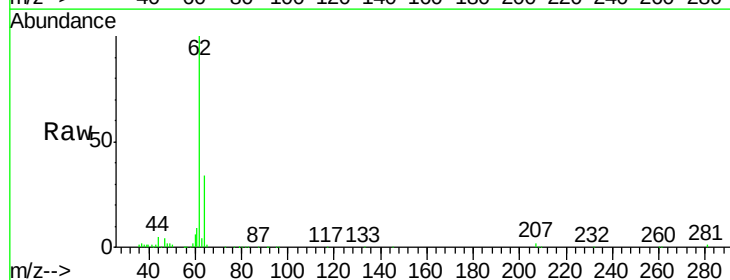
Acq: 07 Jul 2020 12:26

Tgt Ion: 62 Resp: 86732

Ion Ratio Lower Upper

62 100

64 34.4 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

60000

50000

40000

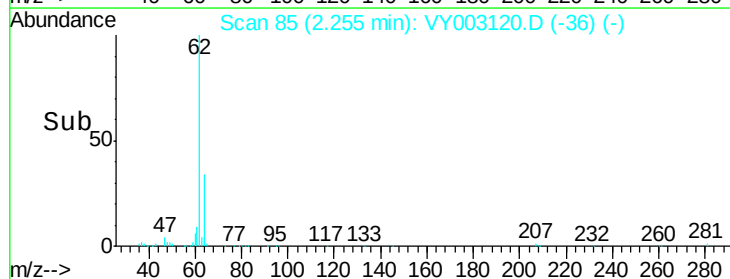
30000

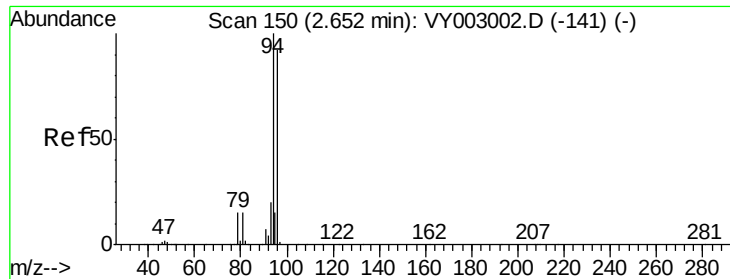
20000

10000

0

Time-->





#5

Bromomethane

Concen: 21.085 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 94 Resp: 65568

Ion Ratio Lower Upper

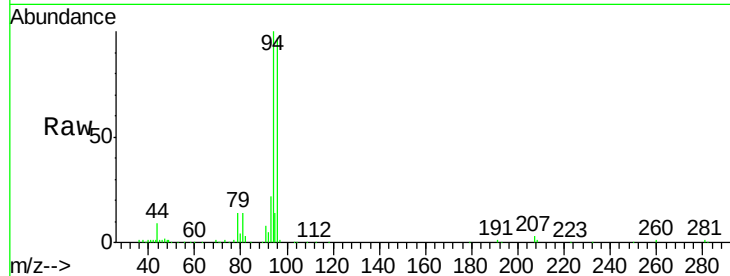
94 100

96 96.2 73.4 110.2

Manual Integrations
APPROVED

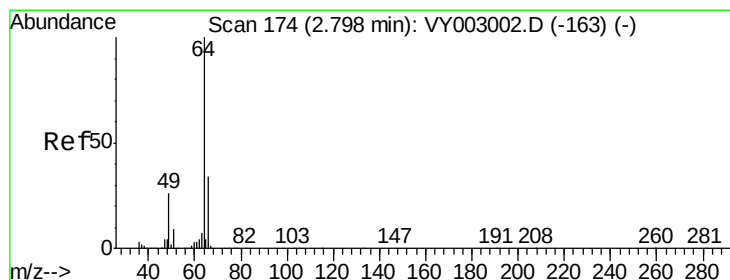
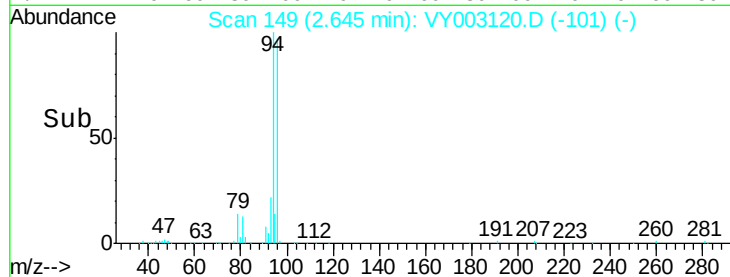
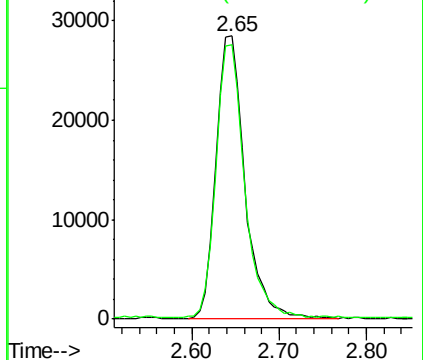
MMDadoda

7/8/2020 12:20:37 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.206 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003120.D

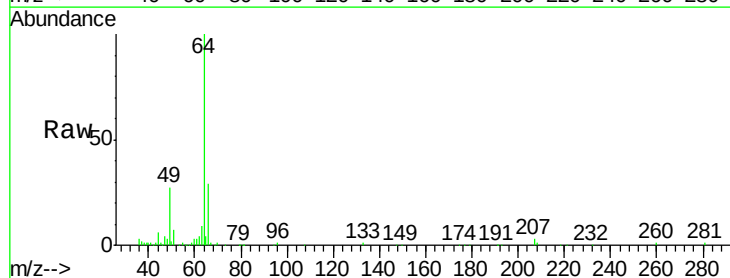
Acq: 07 Jul 2020 12:26

Tgt Ion: 64 Resp: 58872

Ion Ratio Lower Upper

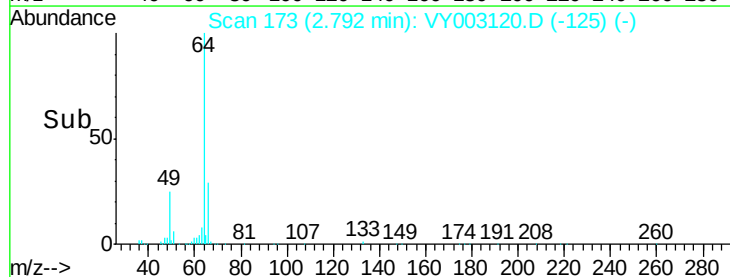
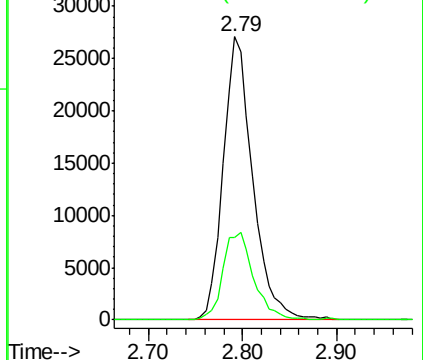
64 100

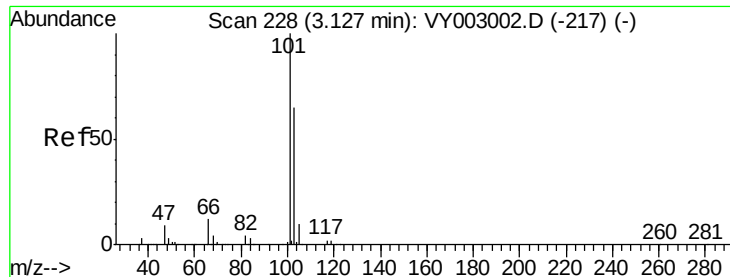
66 29.1 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

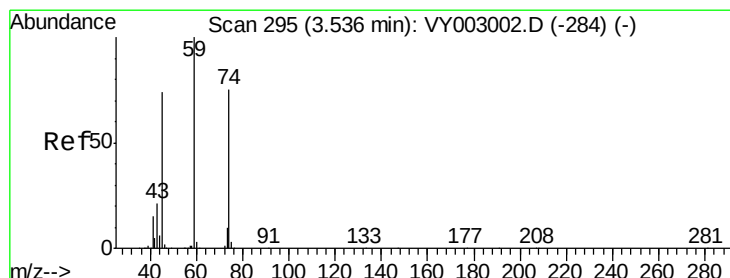
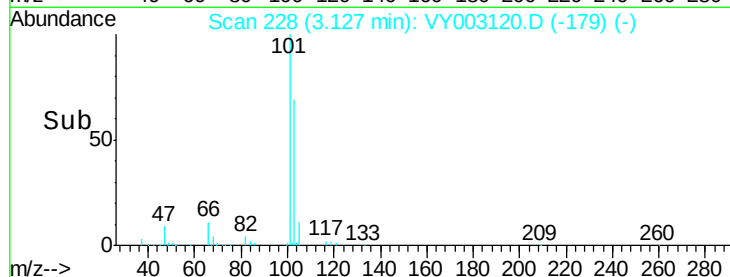
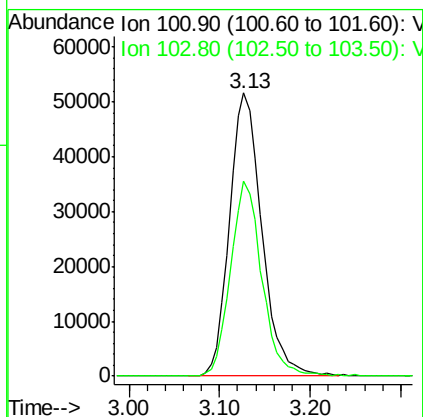
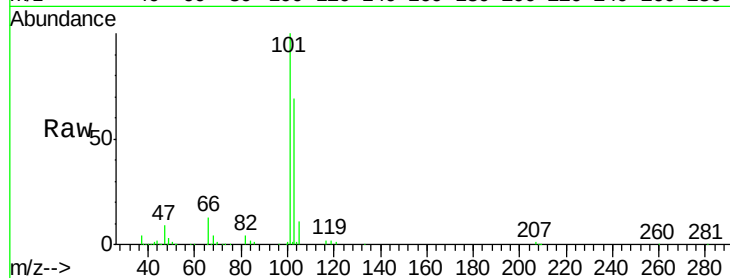
Trichlorofluoromethane
 Concen: 19.762 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.8	51.6	77.4

Manual Integrations
 APPROVED

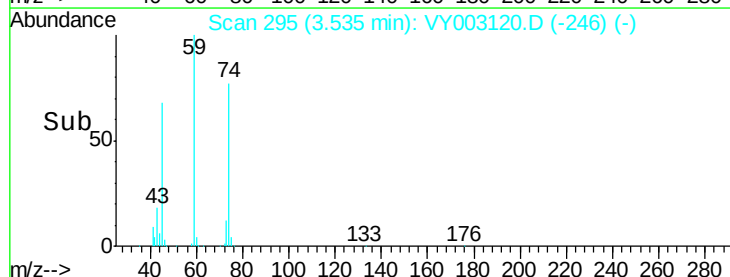
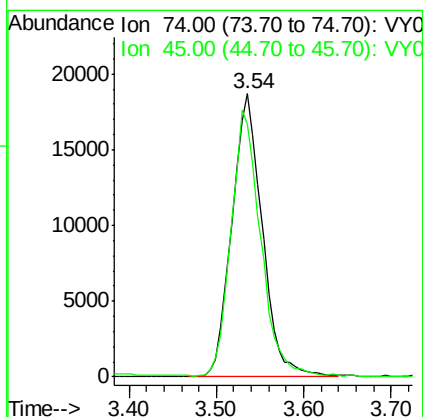
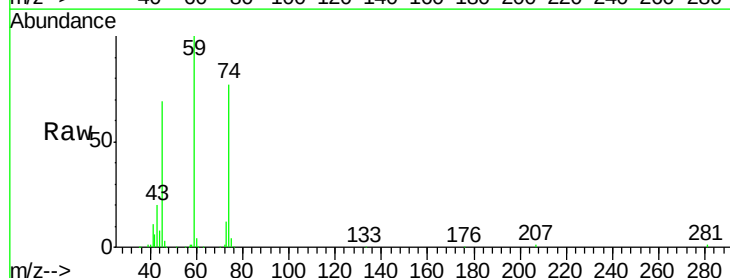
MMDadoda
 7/8/2020 12:20:37 PM

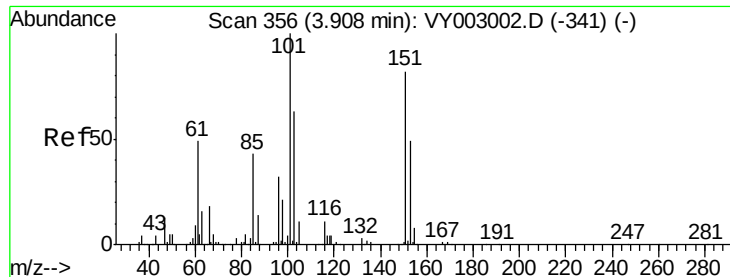


#8

Diethyl Ether
 Concen: 20.428 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.917 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

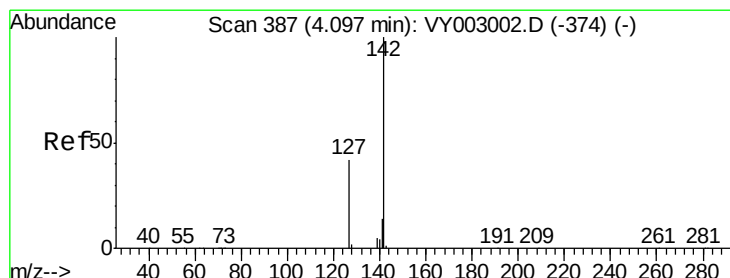
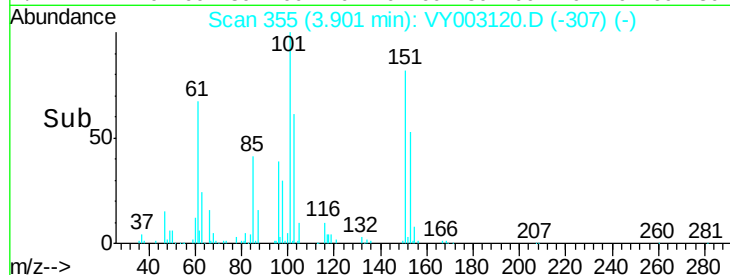
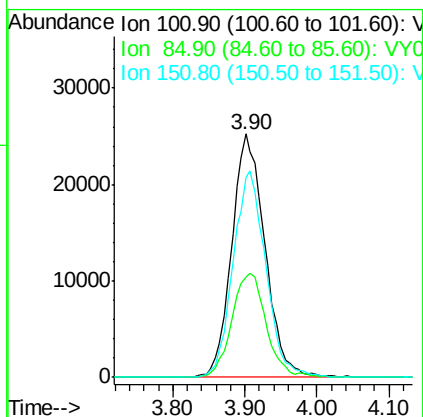
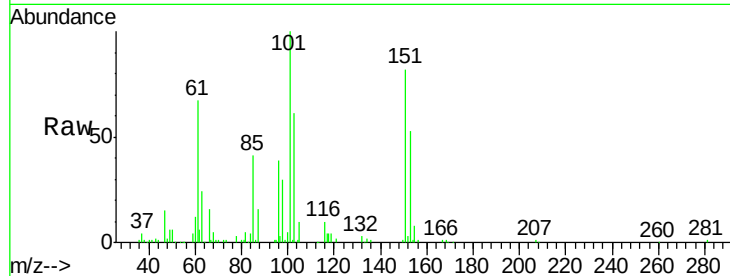
ClientSampleId :

VY0707SBS01

Tot Ion:	101	Resp:	80738
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.5	53.3
151	83.6	65.5	98.3

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:20:37 PM



#10

Methyl Iodide

Concen: 20.285 ug/l

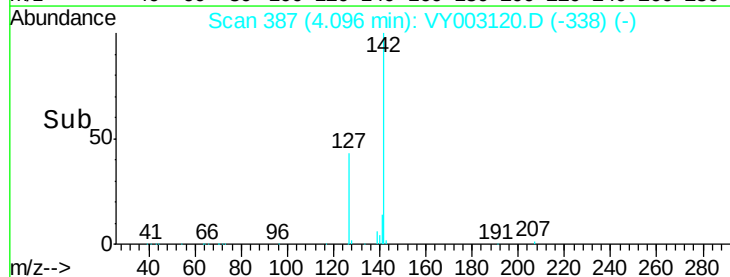
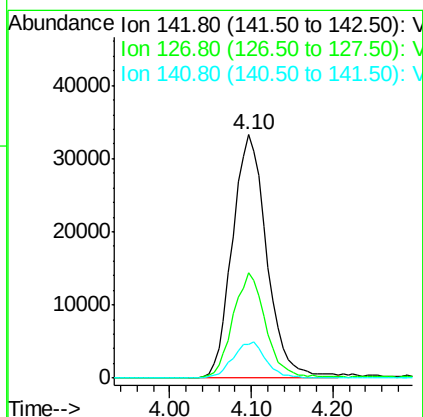
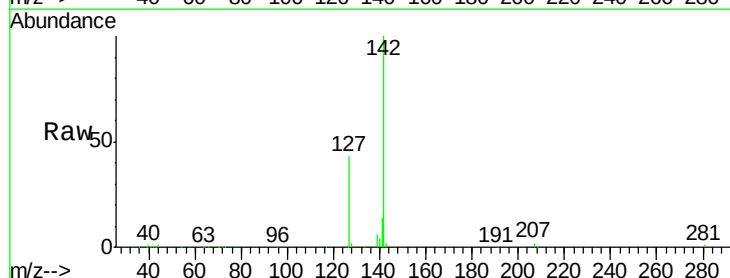
RT: 4.10 min Scan# 387

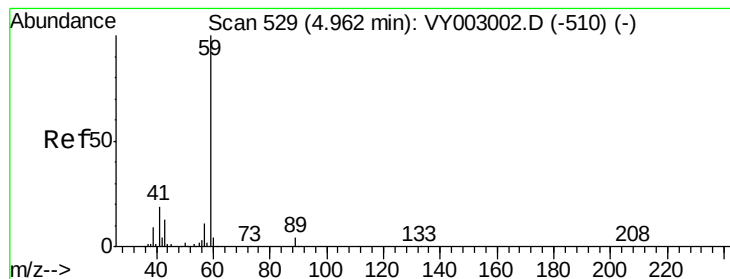
Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Tgt Ion:	142	Resp:	97088
Ion Ratio	Lower	Upper	
142	100		
127	41.1	34.2	51.2
141	14.2	11.7	17.5





#11

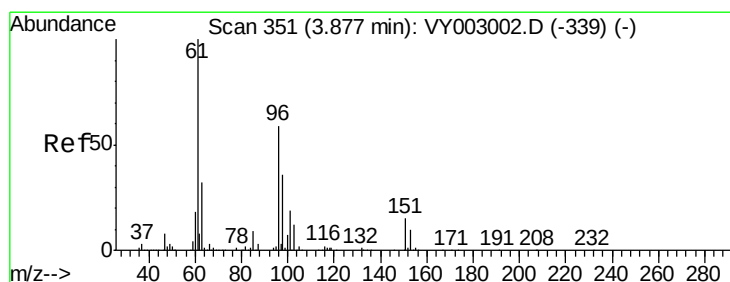
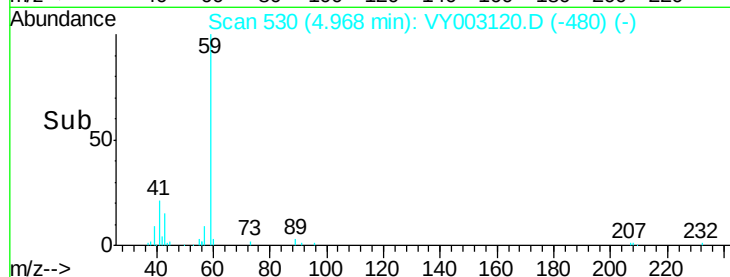
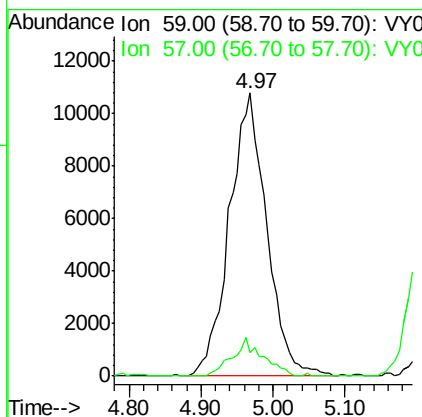
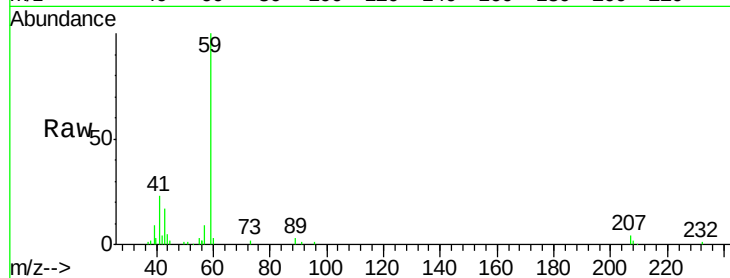
Tert butyl alcohol
 Concen: 90.609 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	38830		
57	57	10.9		8.0	12.0

Manual Integrations
 APPROVED

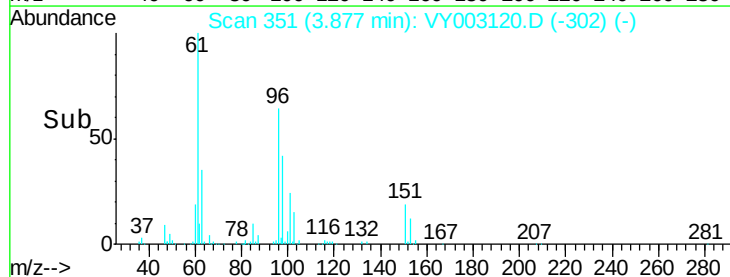
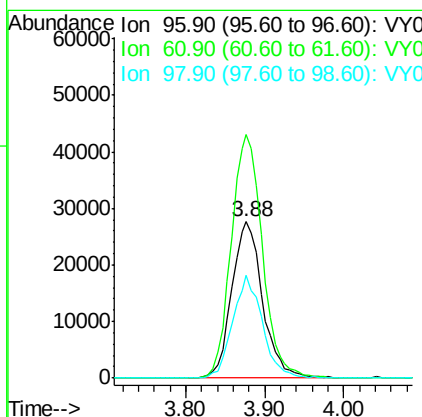
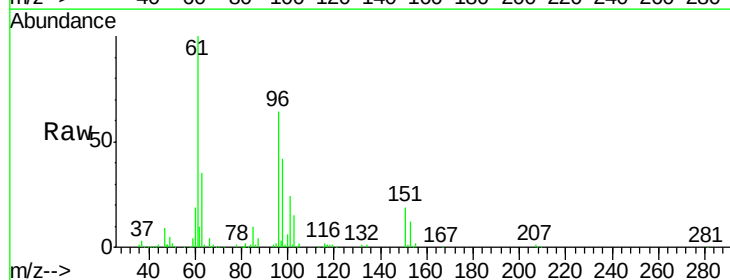
MMDadoda
 7/8/2020 12:20:37 PM

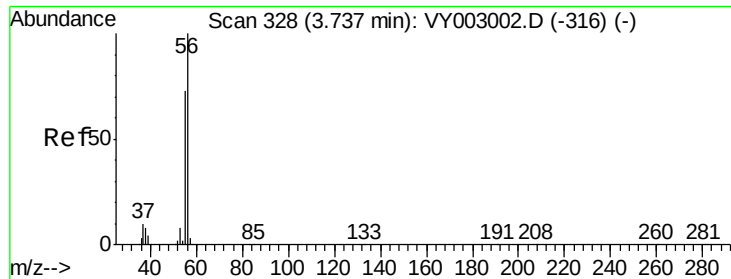


#12

1,1-Dichloroethene
 Concen: 20.405 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	74938		
61	61	155.9		136.7	205.1
98	98	66.2		49.7	74.5





#13

Acrolein

Concen: 80.152 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 56 Resp: 30850

Ion Ratio Lower Upper

56 100

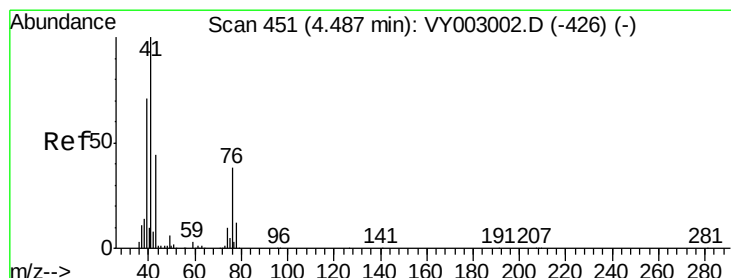
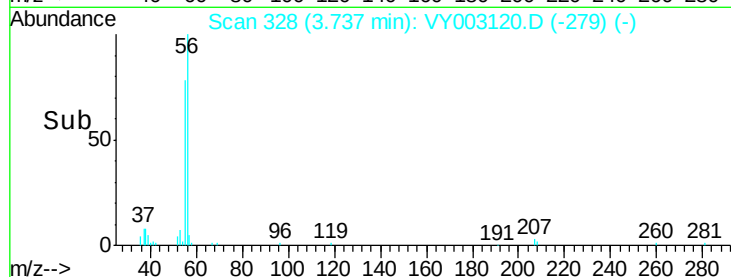
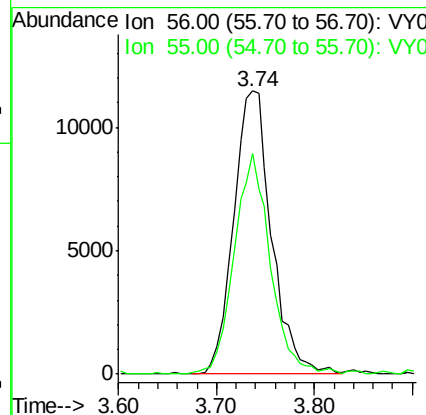
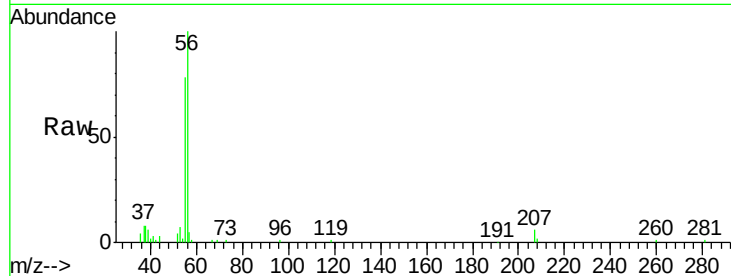
55 74.1 56.4 84.6

Manual Integrations

APPROVED

MMDadoda

7/8/2020 12:20:37 PM



#14

Allyl chloride

Concen: 17.955 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

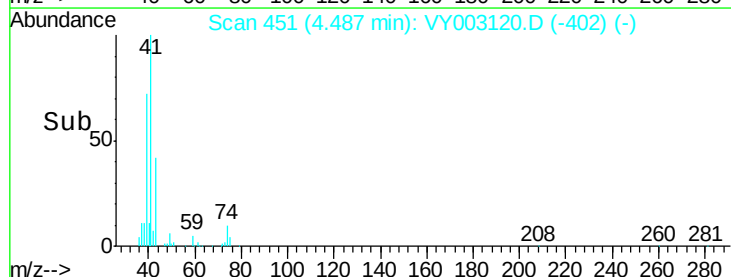
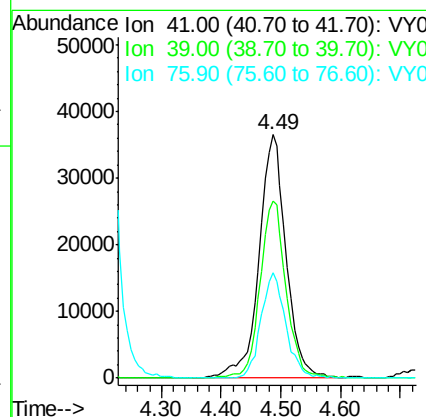
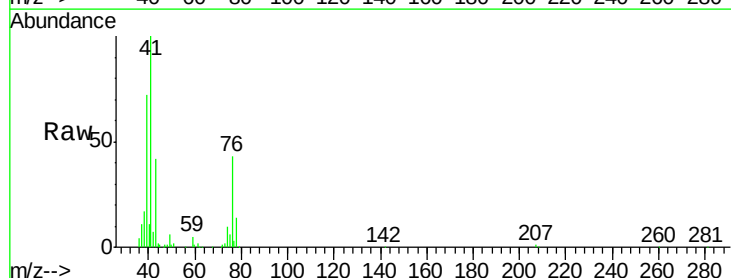
Tgt Ion: 41 Resp: 115132

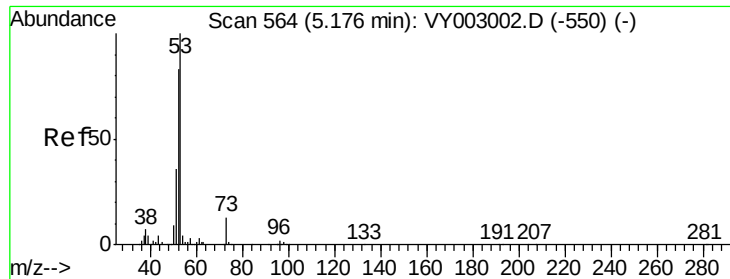
Ion Ratio Lower Upper

41 100

39 69.8 55.6 83.4

76 39.6 28.6 43.0





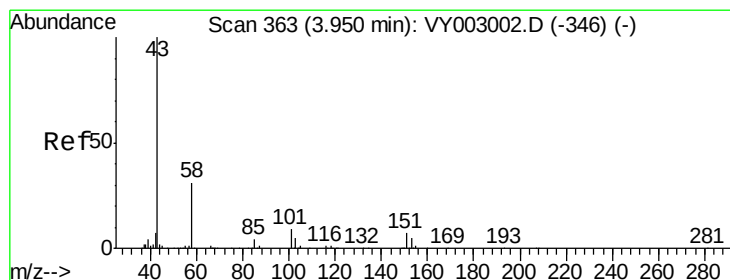
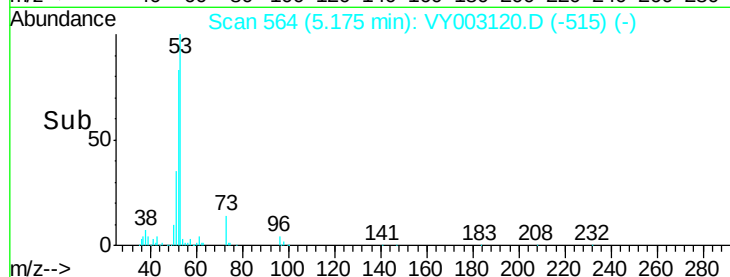
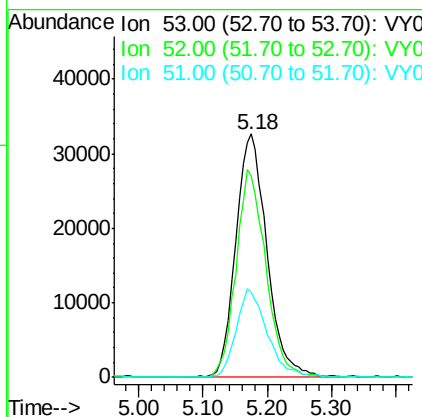
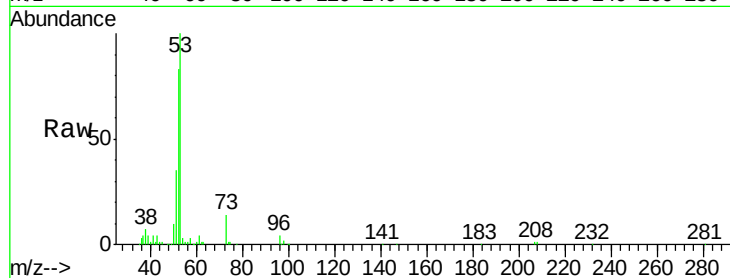
#15
 Acrylonitrile
 Concen: 95.662 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.2	99.2
51	36.4	29.5	44.3

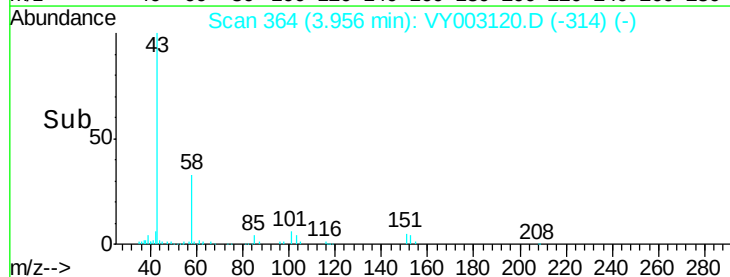
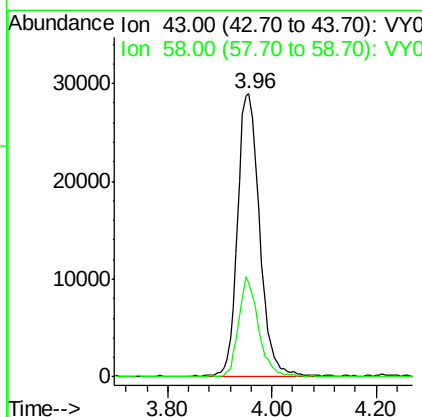
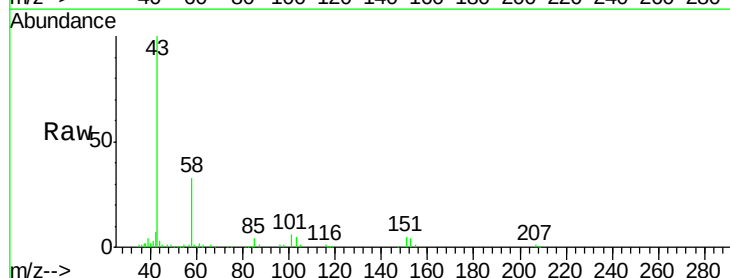
Manual Integrations
 APPROVED

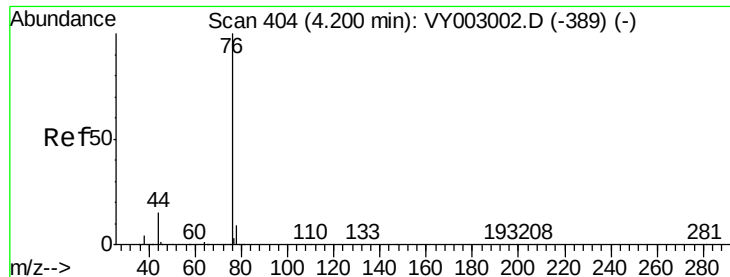
MMDadoda
 7/8/2020 12:20:37 PM



#16
 Acetone
 Concen: 86.783 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.3	24.7	37.1





#17

Carbon Disulfide

Concen: 18.853 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 76 Resp: 221221

Ion Ratio Lower Upper

76 100

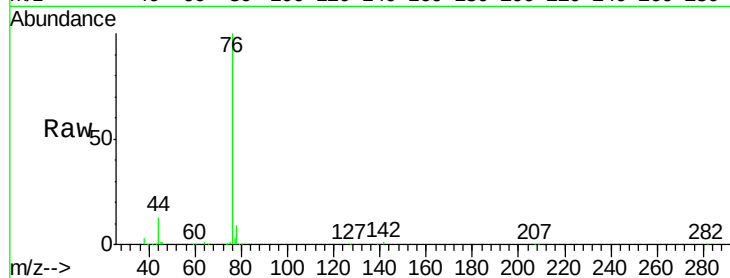
78 9.1 7.0 10.6

Manual Integrations

APPROVED

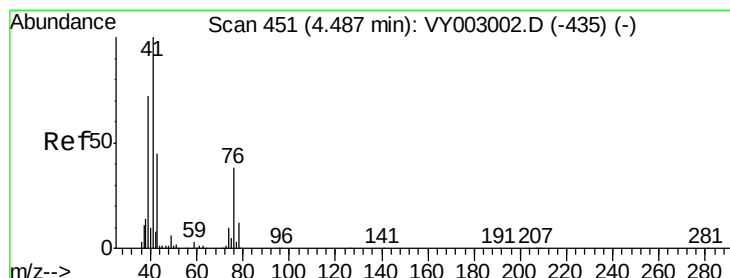
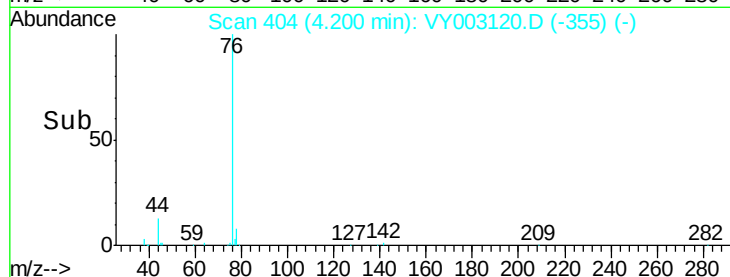
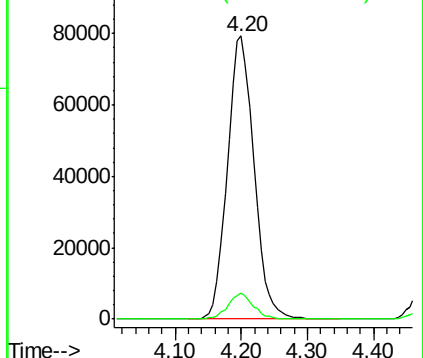
MMDadoda

7/8/2020 12:20:37 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 18.451 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003120.D

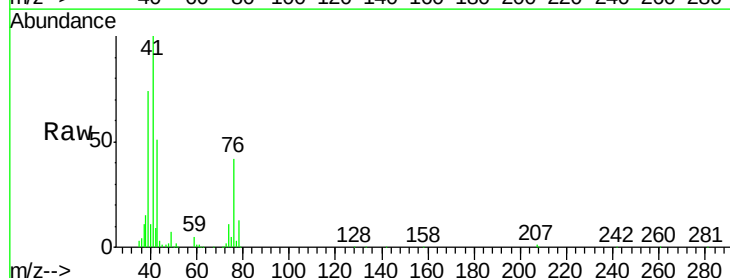
Acq: 07 Jul 2020 12:26

Tgt Ion: 43 Resp: 49299

Ion Ratio Lower Upper

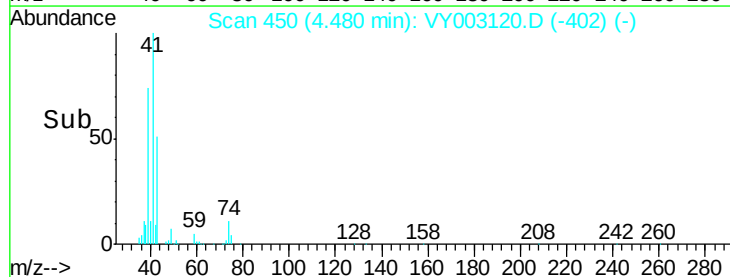
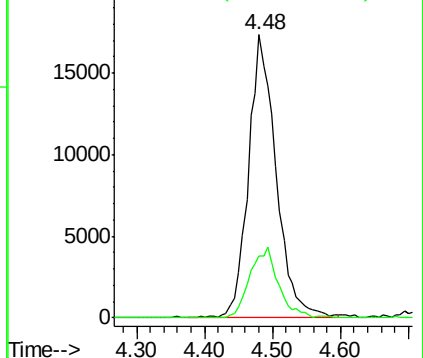
43 100

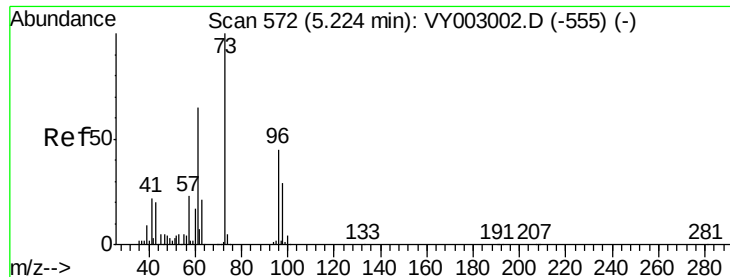
74 25.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





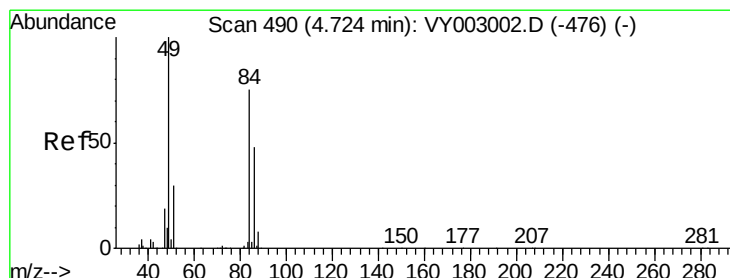
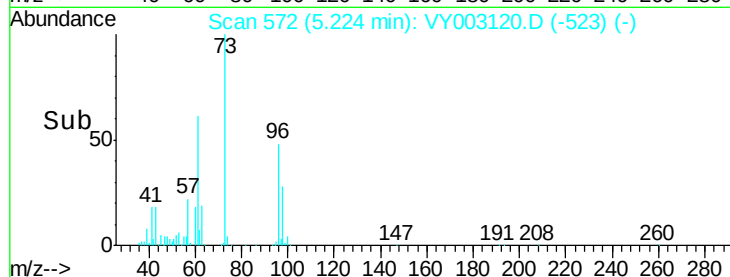
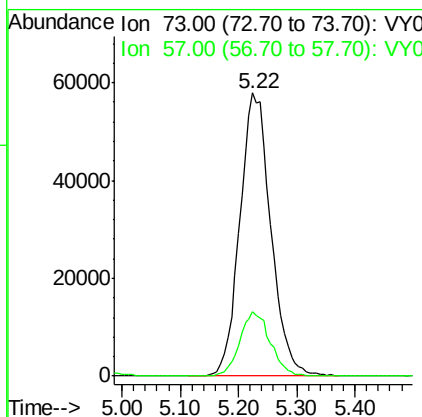
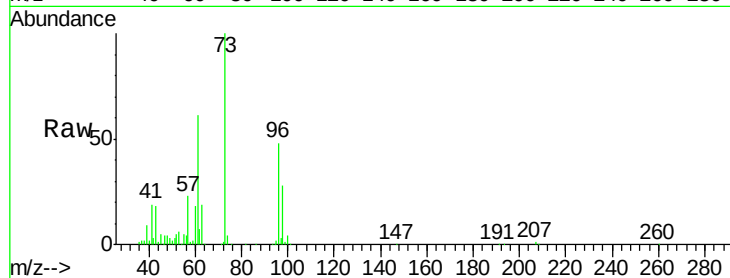
#19
Methyl tert-butyl Ether
Concen: 19.983 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.2	27.2

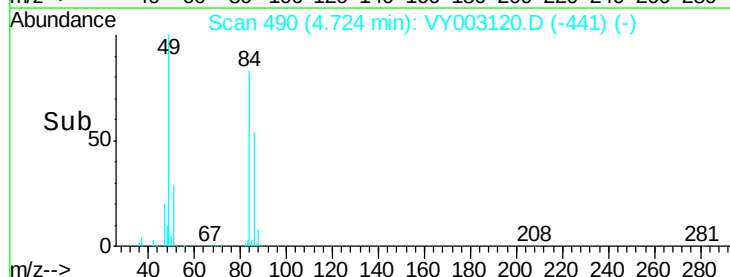
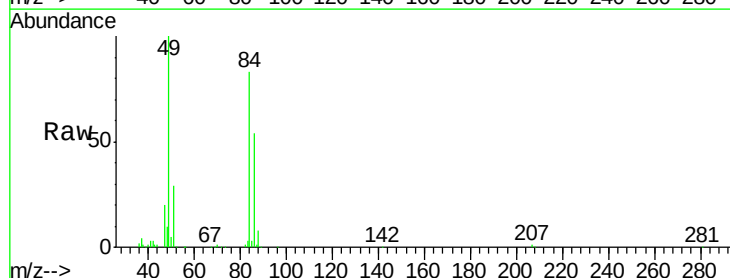
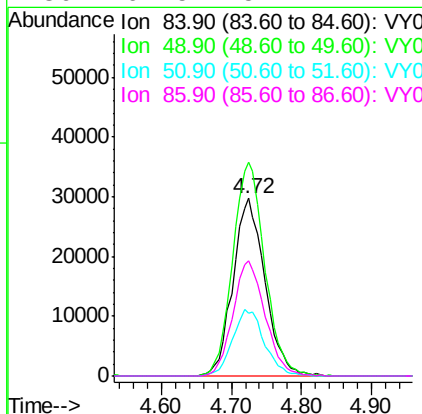
Manual Integrations
APPROVED

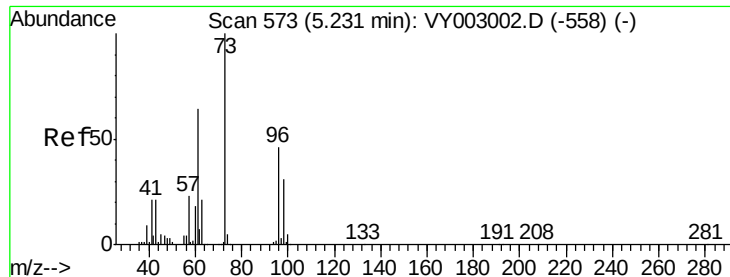
MMDadoda
7/8/2020 12:20:37 PM



#20
Methylene Chloride
Concen: 16.706 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	106.8	160.2
51	35.1	32.0	48.0
86	64.5	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 20.656 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

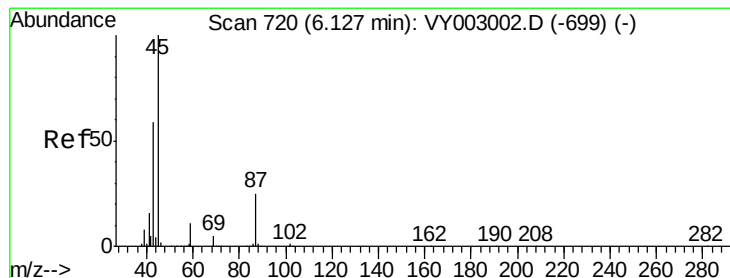
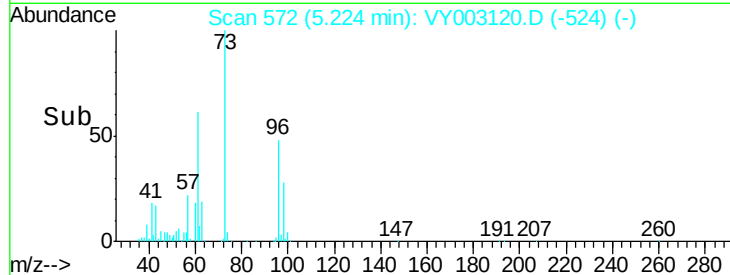
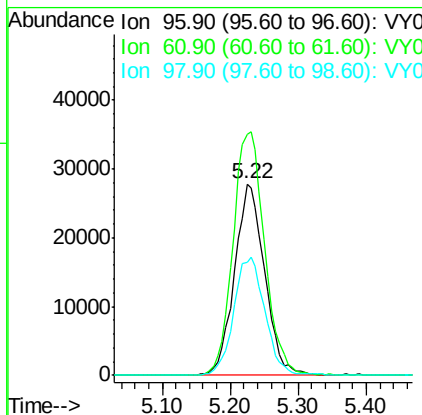
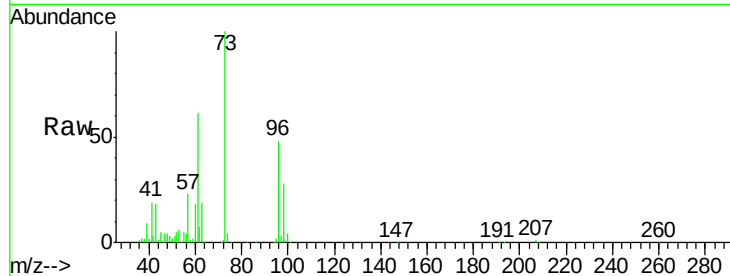
ClientSampleId :

VY0707SBS01

Tot Ion:	96	Resp:	85810
Ion	Ratio	Lower	Upper
96	100		
61	125.8	112.3	168.5
98	58.9	53.8	80.8

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:20:37 PM



#22

Diisopropyl ether

Concen: 18.703 ug/l

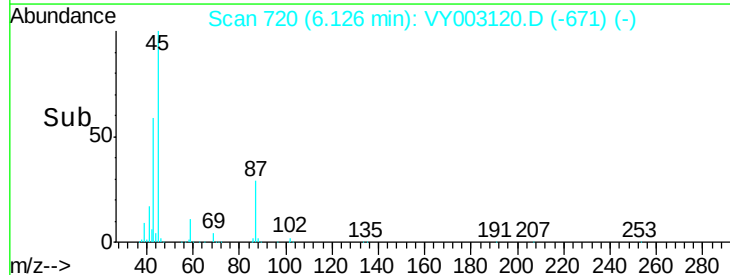
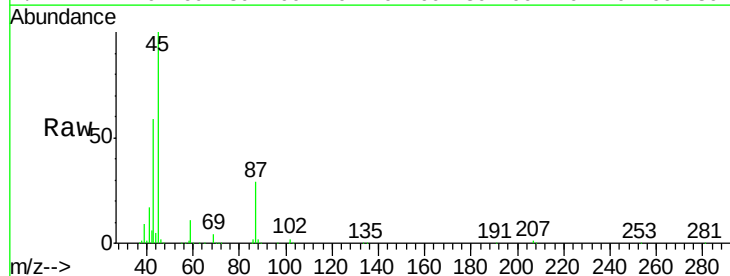
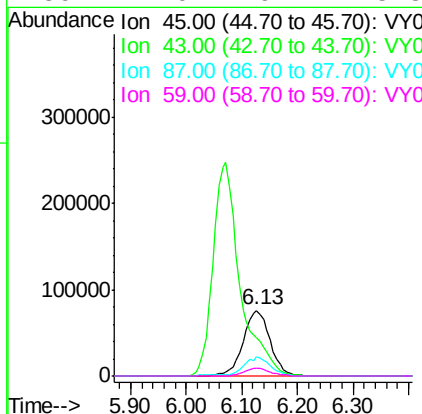
RT: 6.13 min Scan# 720

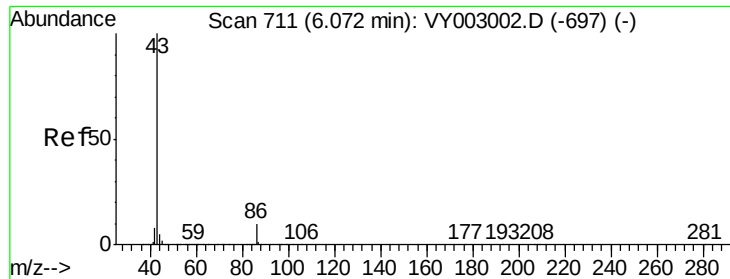
Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Tgt Ion:	45	Resp:	257037
Ion	Ratio	Lower	Upper
45	100		
43	58.9	47.4	71.2
87	28.9	20.2	30.2
59	11.0	9.2	13.8





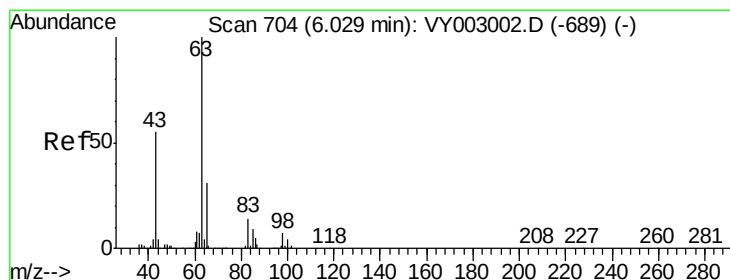
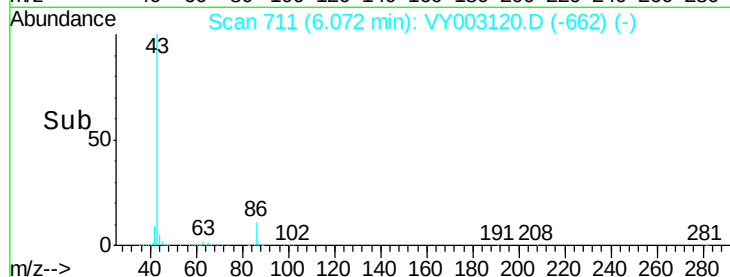
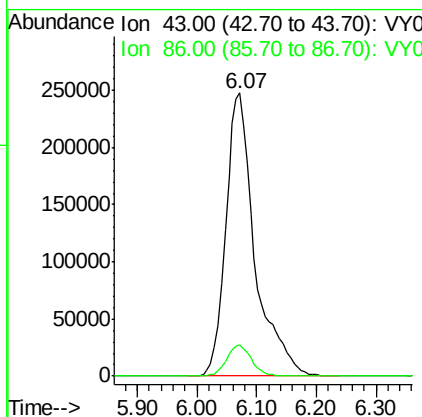
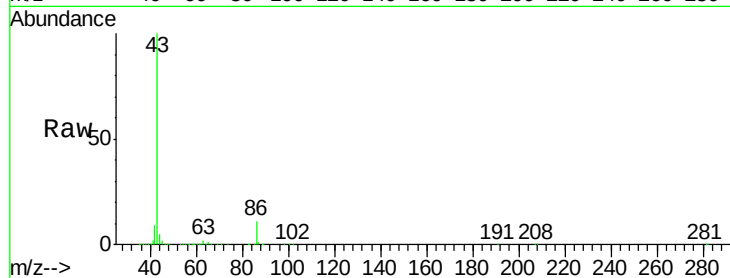
#23
 Vinyl Acetate
 Concen: 91.188 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.0	8.1	12.1

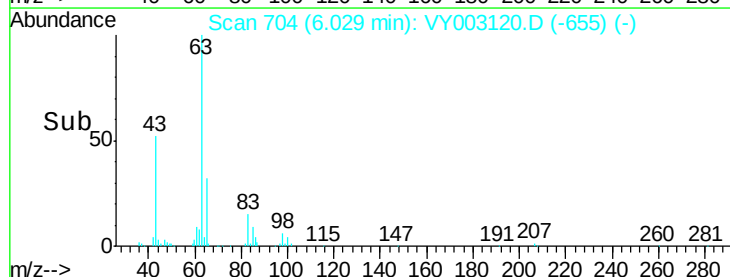
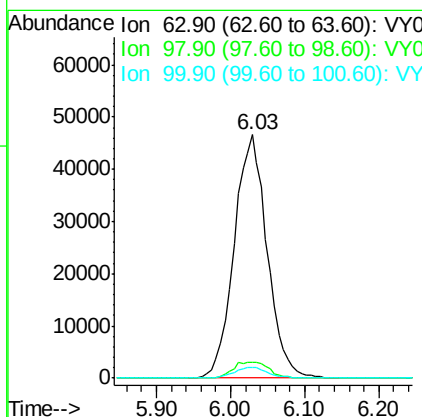
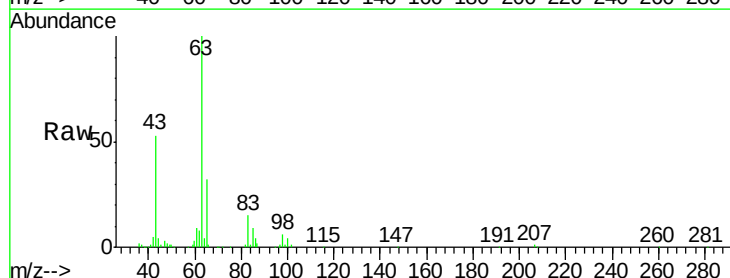
Manual Integrations
 APPROVED

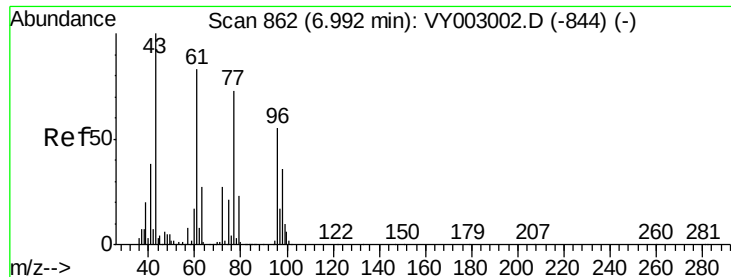
MMDadoda
 7/8/2020 12:20:37 PM



#24
 1,1-Dichloroethane
 Concen: 19.185 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.4	10.1
100	4.3	2.3	6.8





#25

2-Butanone

Concen: 88.603 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 43 Resp: 139587

Ion Ratio Lower Upper

43 100

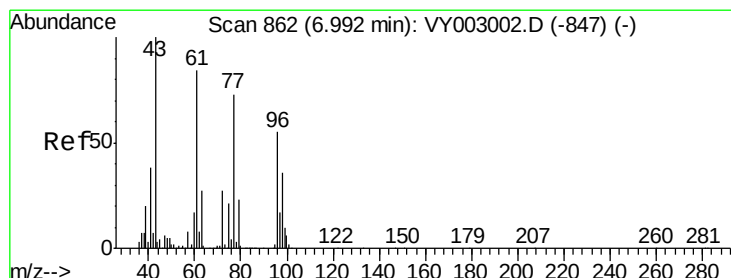
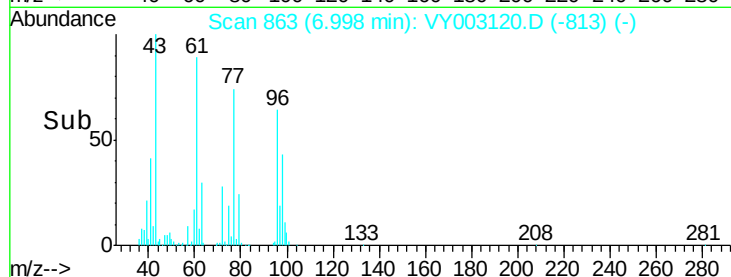
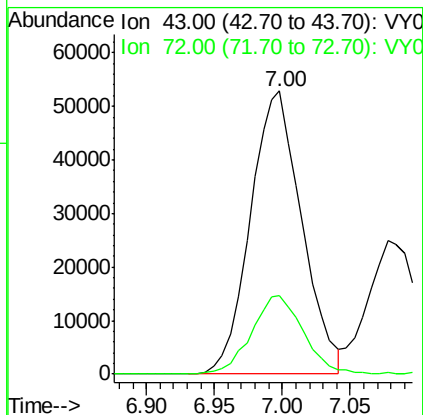
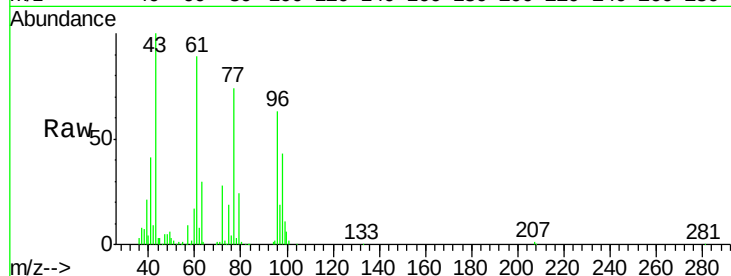
72 28.0 21.4 32.0

Manual Integrations

APPROVED

MMDadoda

7/8/2020 12:20:37 PM



#26

2,2-Dichloropropane

Concen: 19.606 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003120.D

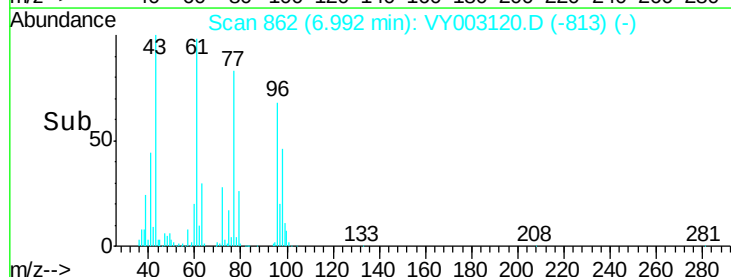
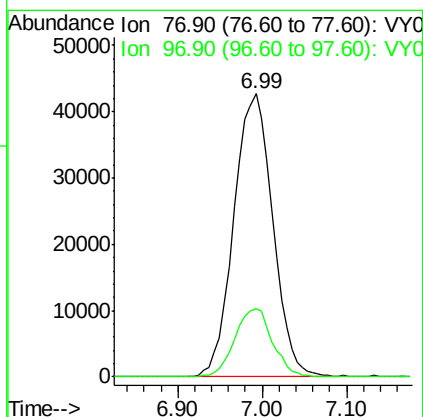
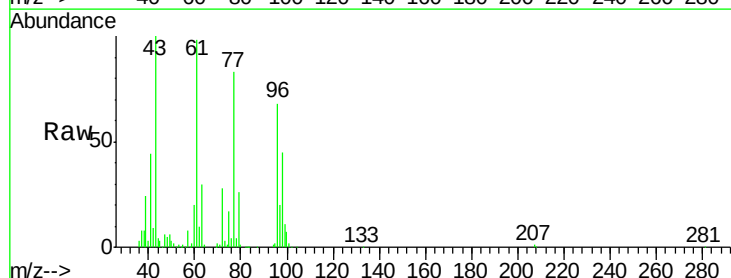
Acq: 07 Jul 2020 12:26

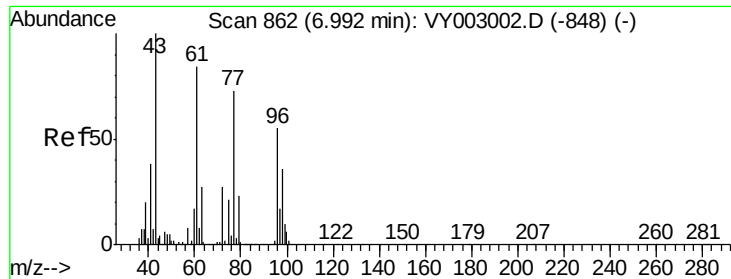
Tgt Ion: 77 Resp: 133727

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.9





#27

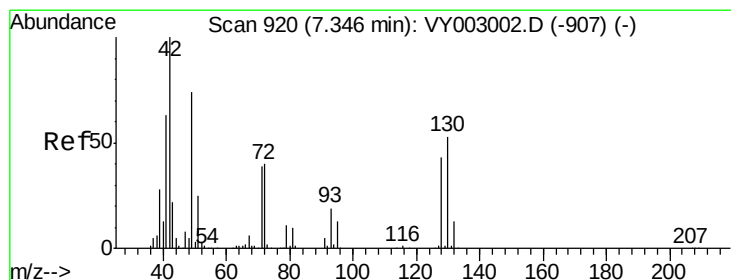
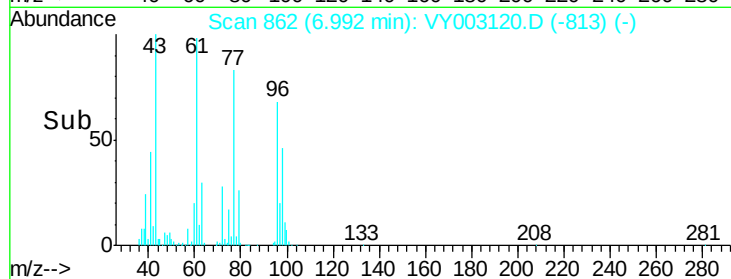
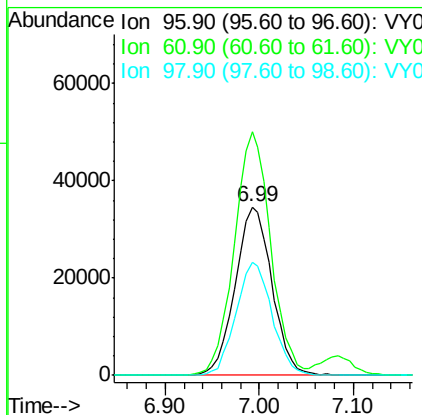
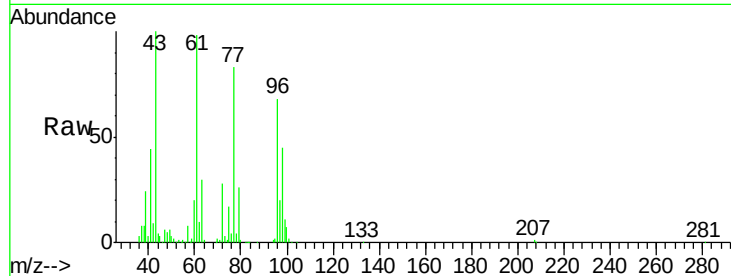
cis-1,2-Dichloroethene
Concen: 20.235 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	301.2
98	66.1	0.0	129.0

Manual Integrations
APPROVED

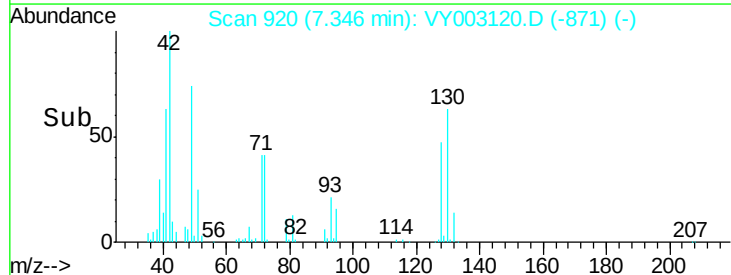
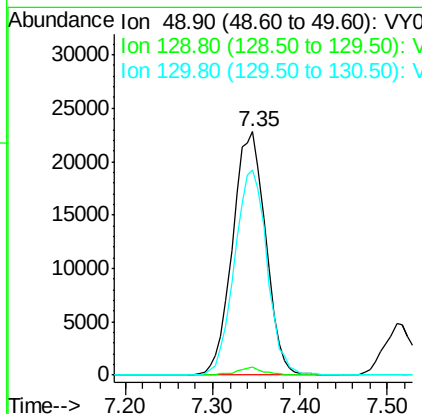
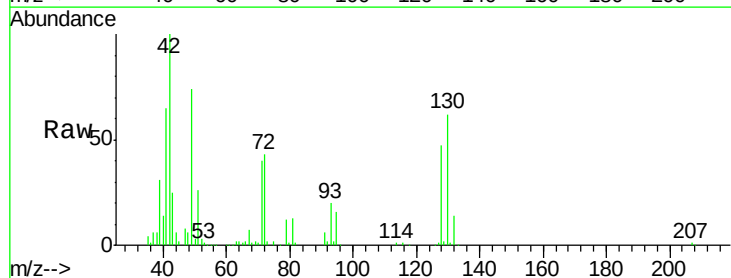
MMDadoda
7/8/2020 12:20:37 PM

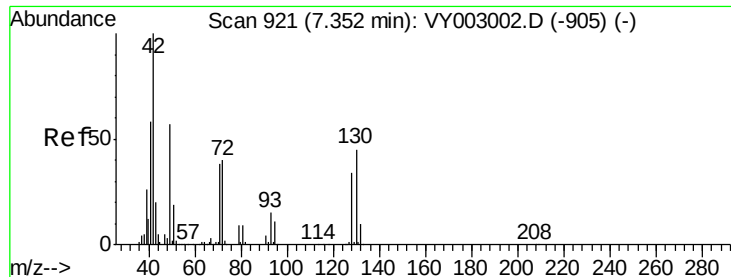


#28

Bromochloromethane
Concen: 17.944 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	82.8	57.0	85.6





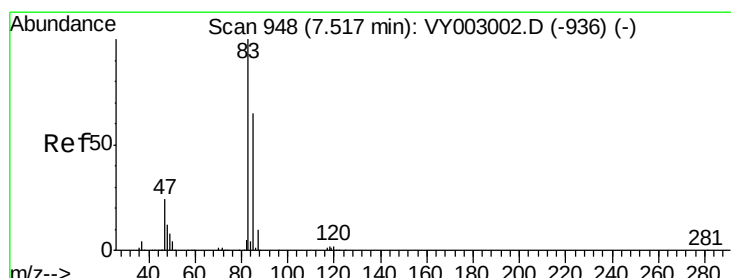
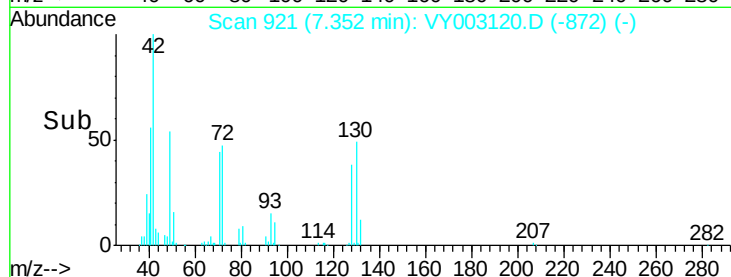
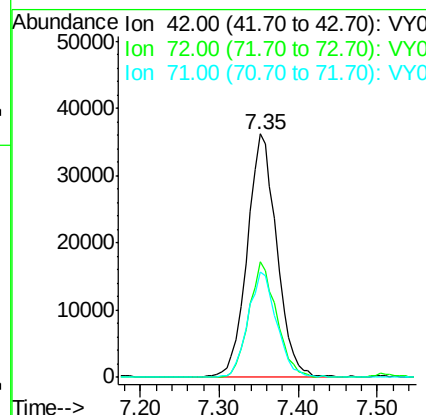
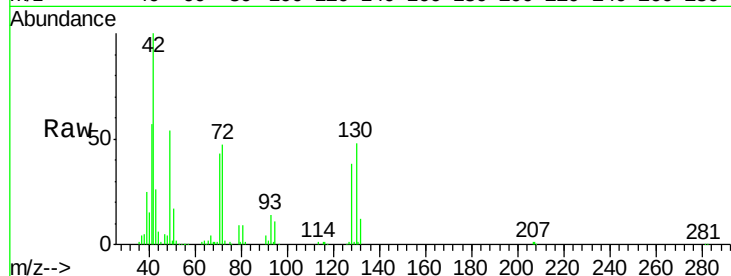
#29
Tetrahydrofuran
Concen: 90.060 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	32.9	49.3
71	42.0	31.2	46.8

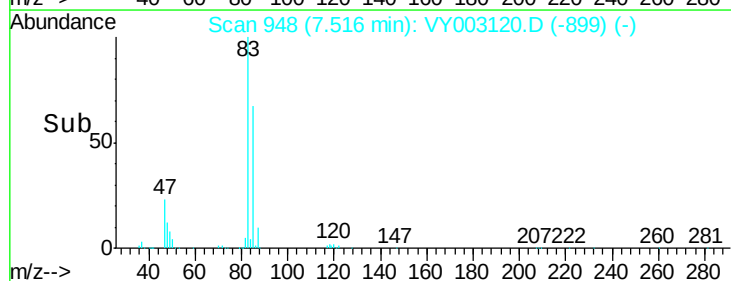
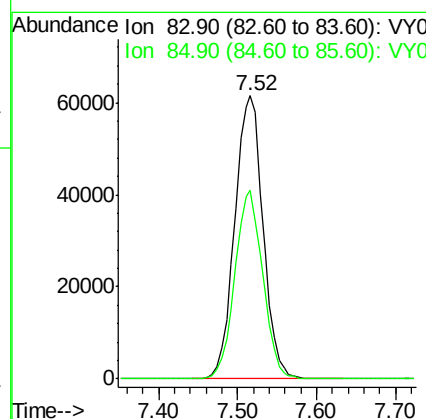
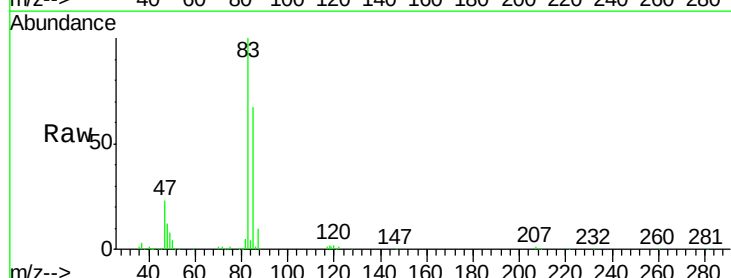
Manual Integrations
APPROVED

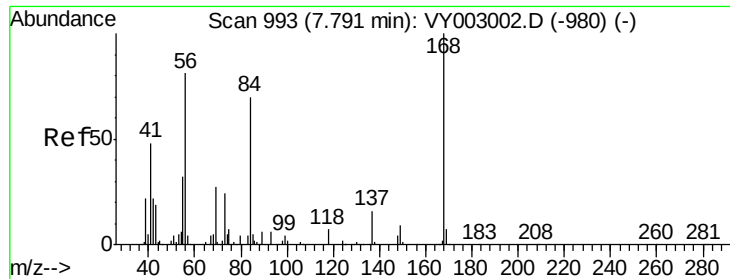
MMDadoda
7/8/2020 12:20:37 PM



#30
Chloroform
Concen: 20.518 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.7	77.5





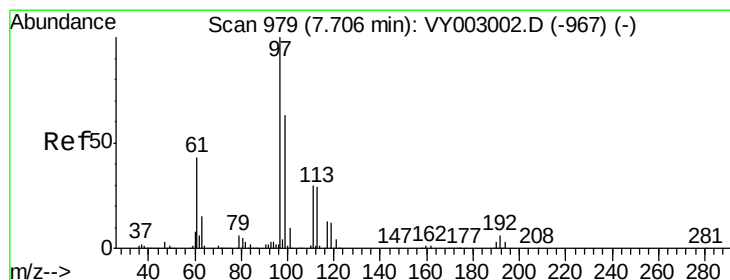
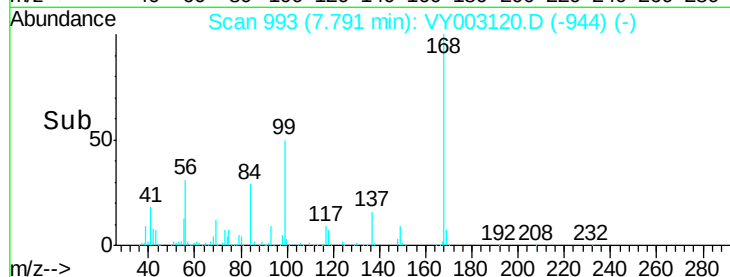
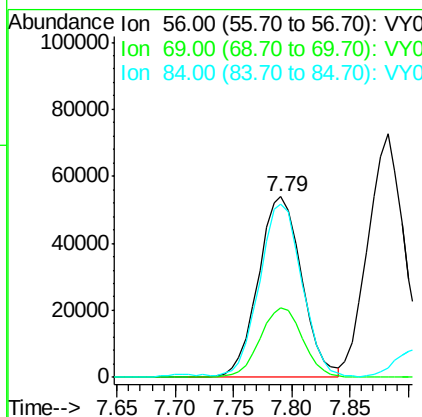
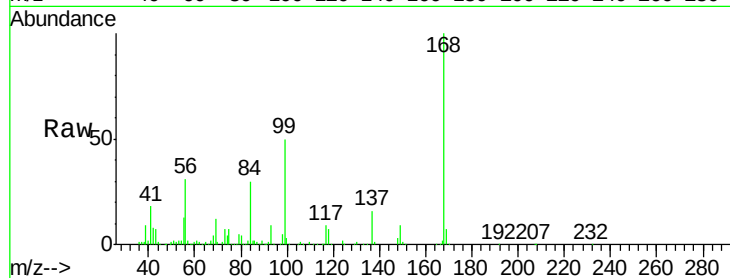
#31
Cyclohexane
Concen: 18.854 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.5	27.0	40.4
84	94.9	68.1	102.1

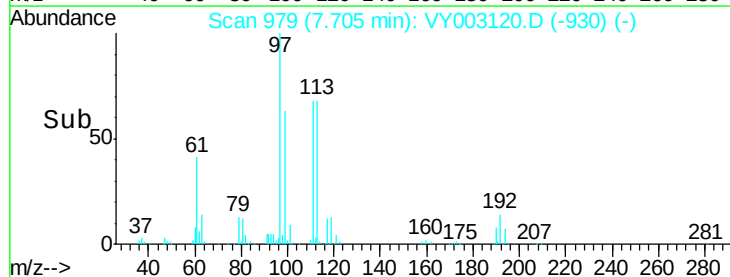
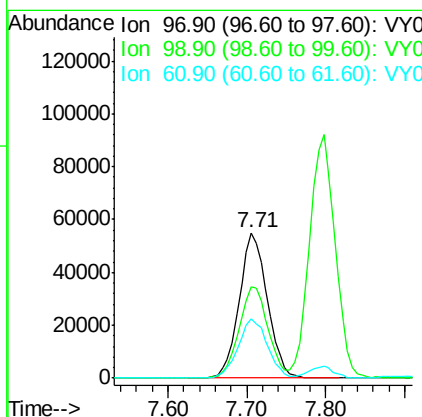
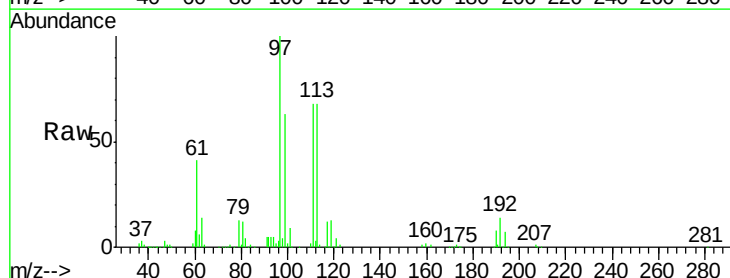
Manual Integrations
APPROVED

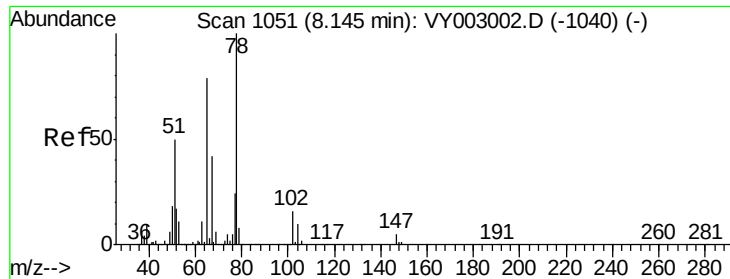
MMDadoda
7/8/2020 12:20:37 PM



#32
1,1,1-Trichloroethane
Concen: 20.059 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.2
61	42.5	33.9	50.9





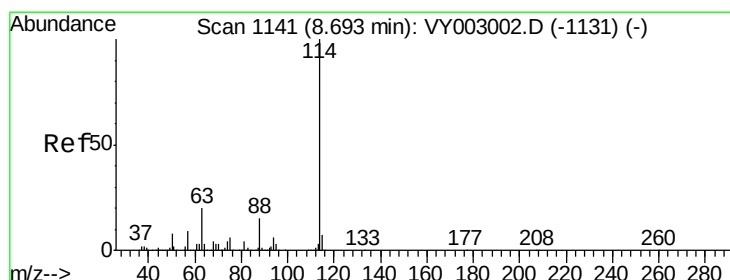
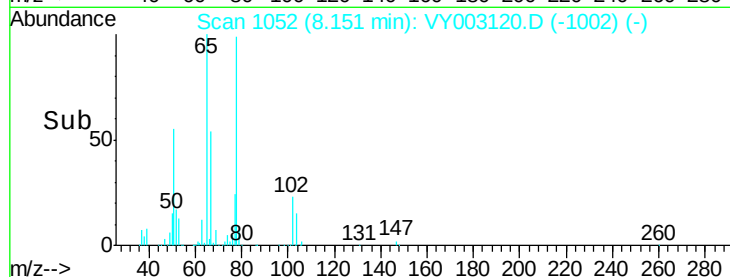
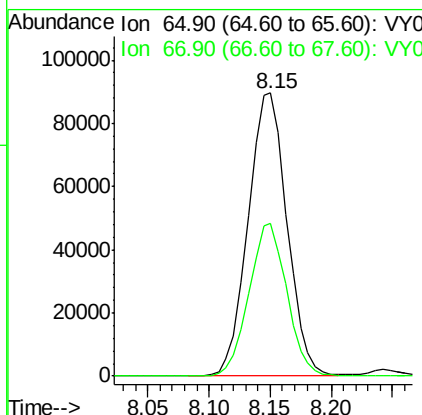
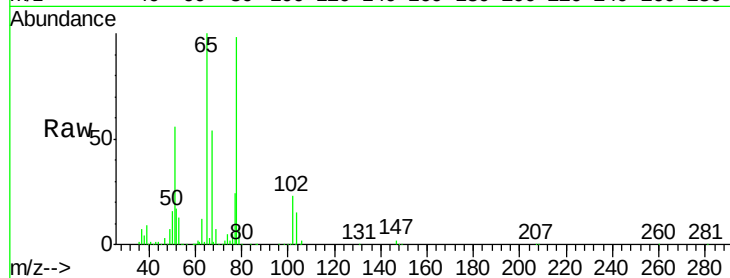
#33
 1,2-Dichloroethane-d4
 Concen: 47.148 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.7	0.0	105.6	

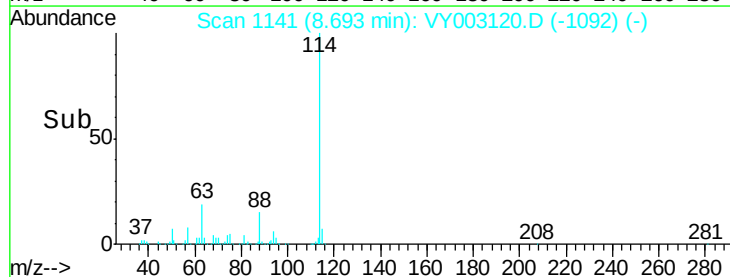
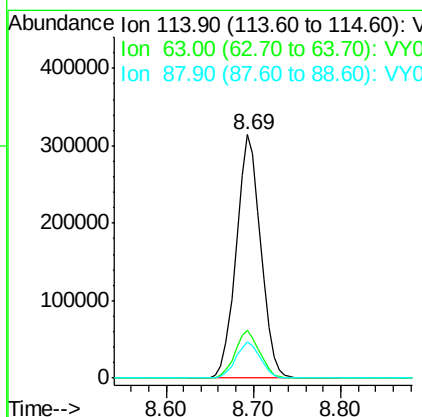
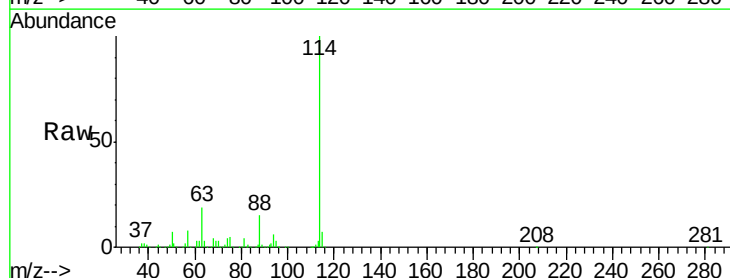
Manual Integrations
 APPROVED

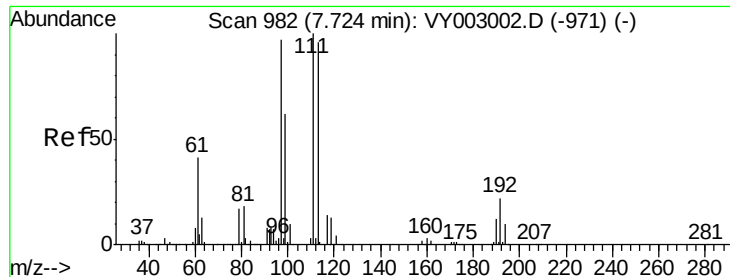
MMDadoda
 7/8/2020 12:20:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	40.6	
88	14.9	0.0	30.0	





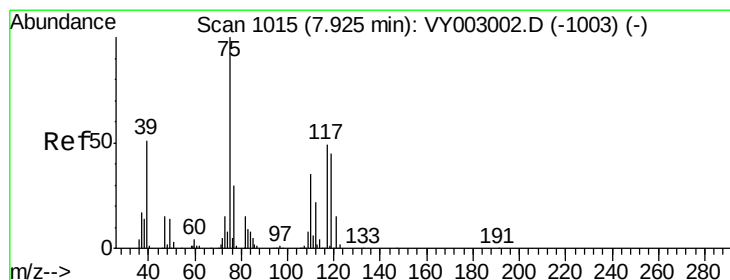
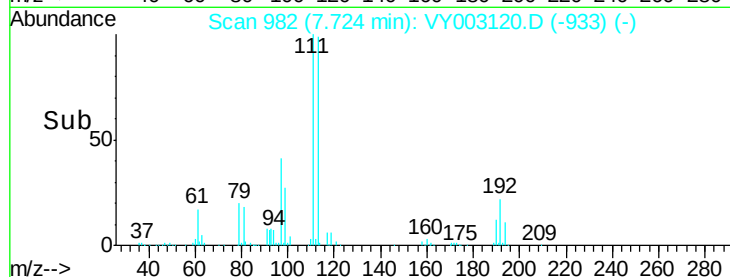
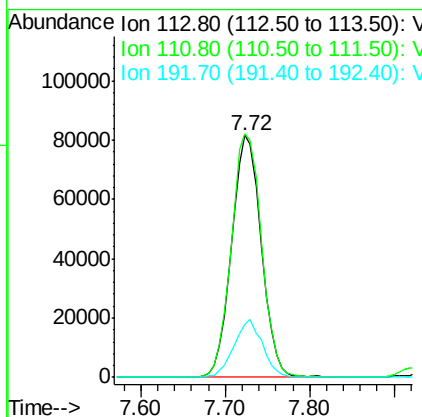
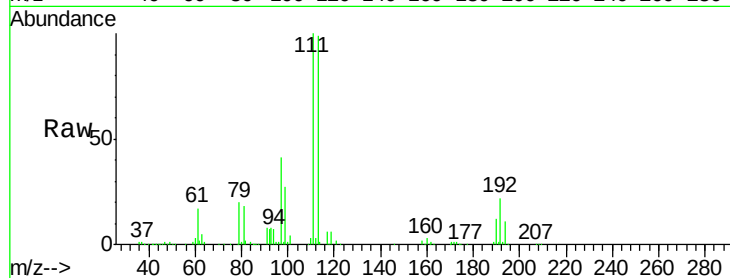
#35
Dibromofluoromethane
Concen: 50.958 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	193684		
111	102.7		82.6	123.8
192	22.8		18.1	27.1

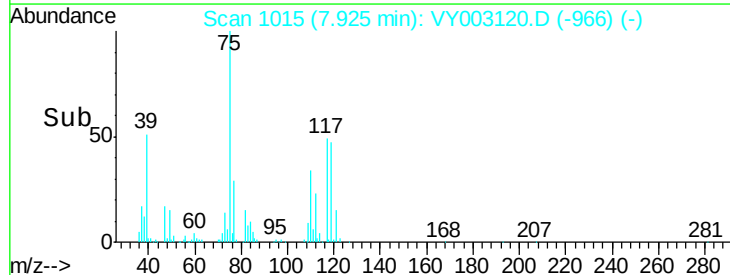
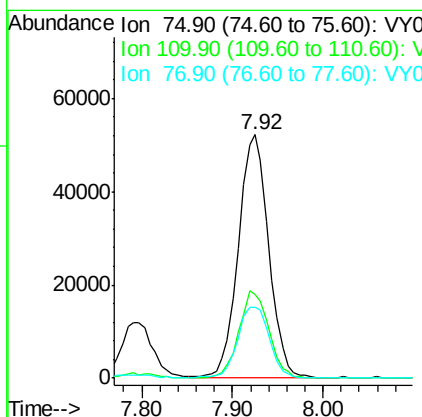
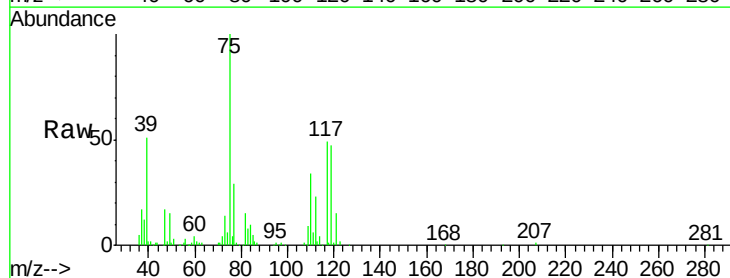
Manual Integrations
APPROVED

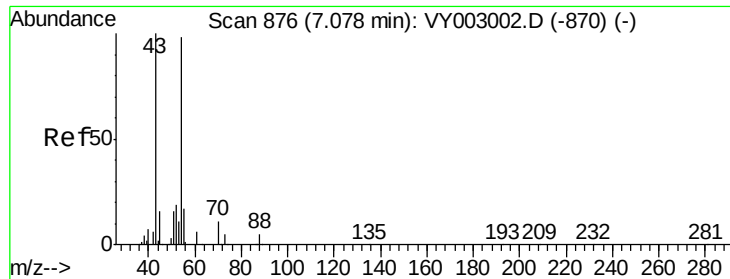
MMDadoda
7/8/2020 12:20:37 PM



#36
1,1-Dichloropropene
Concen: 20.474 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	120161		
110	35.6		17.1	51.2
77	31.0		24.9	37.3





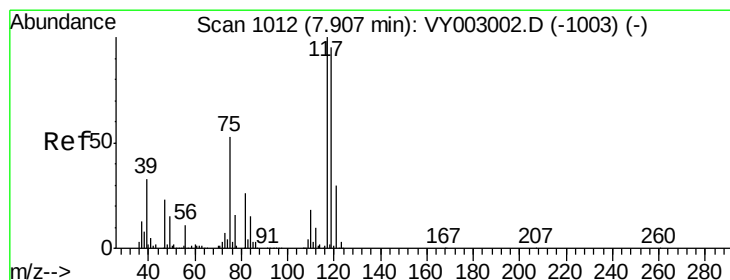
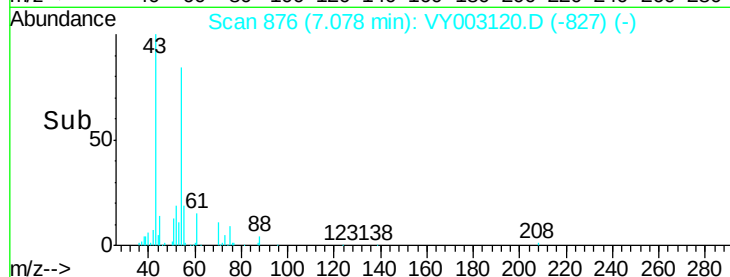
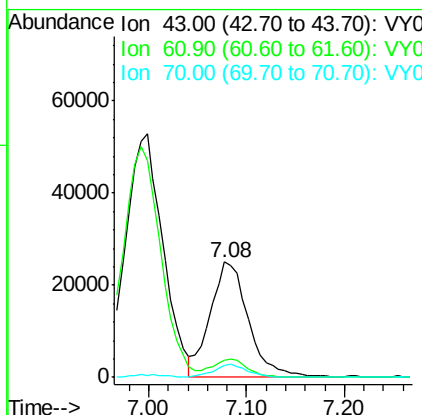
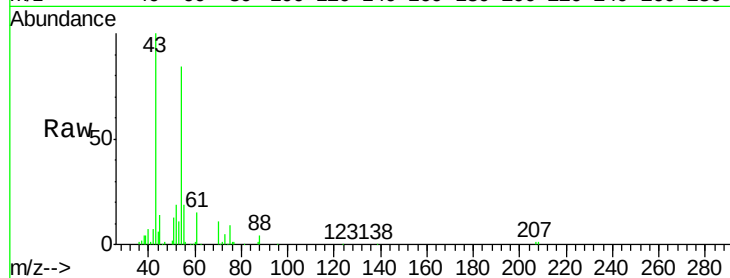
#37
Ethyl Acetate
Concen: 18.982 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.4	15.6
70	10.3	7.7	11.5

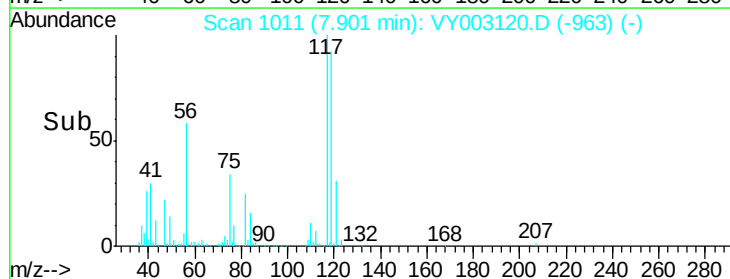
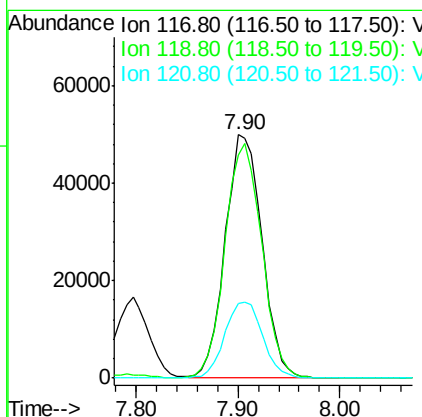
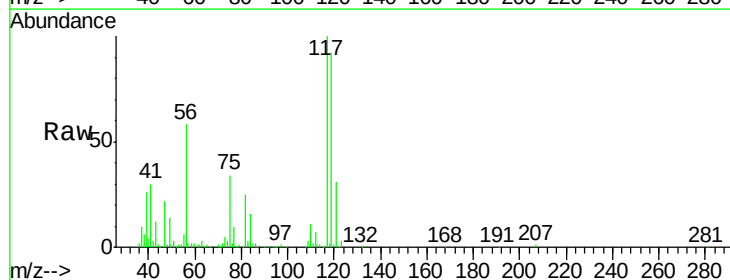
Manual Integrations
APPROVED

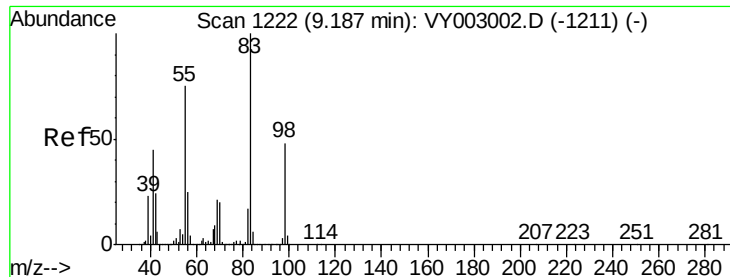
MMDadoda
7/8/2020 12:20:37 PM



#38
Carbon Tetrachloride
Concen: 20.516 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	75.7	113.5
121	30.7	23.9	35.9





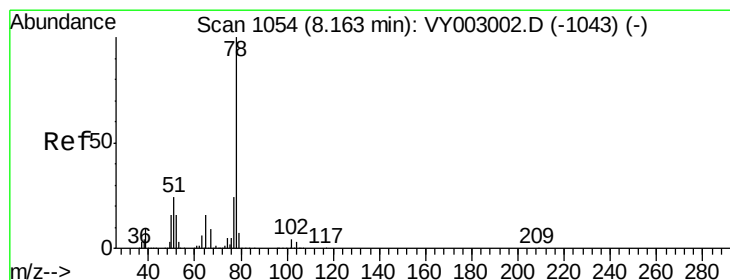
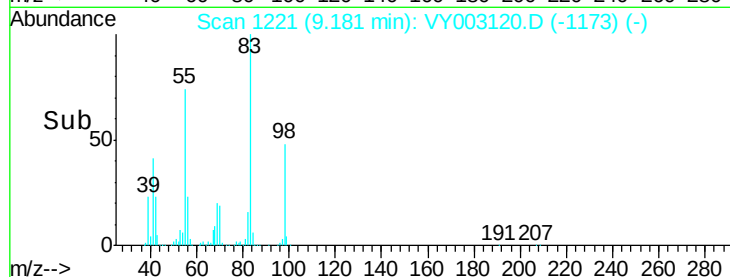
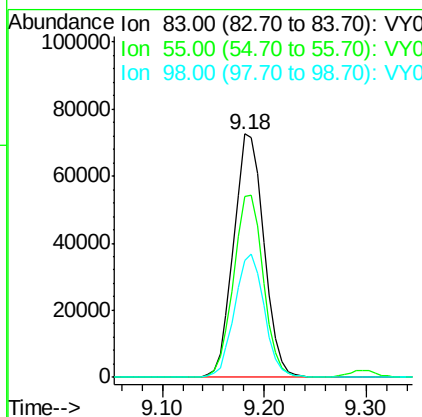
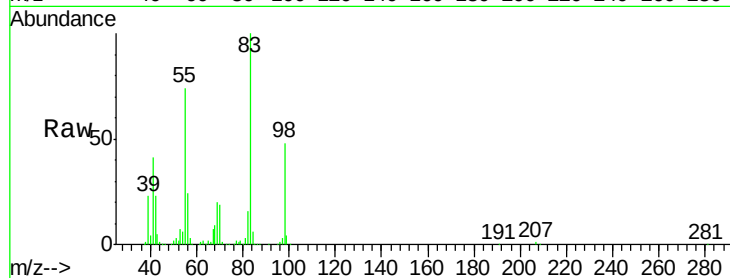
#39
Methylvlcyclohexane
Concen: 20.528 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	149378		
55	74.1	59.9	89.9	
98	48.0	38.7	58.1	

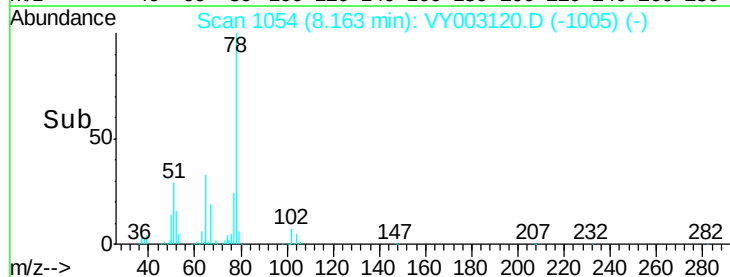
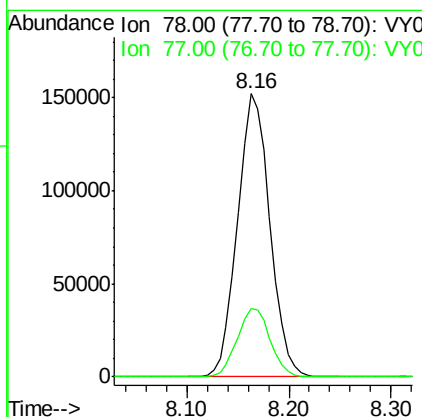
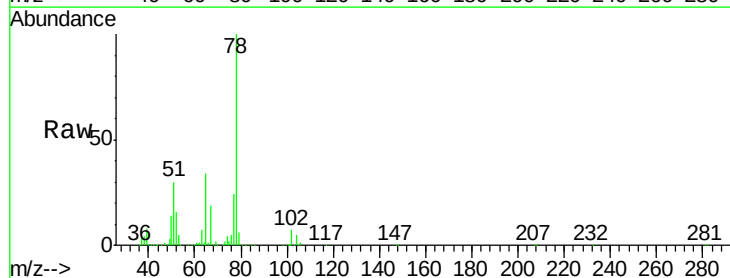
Manual Integrations
APPROVED

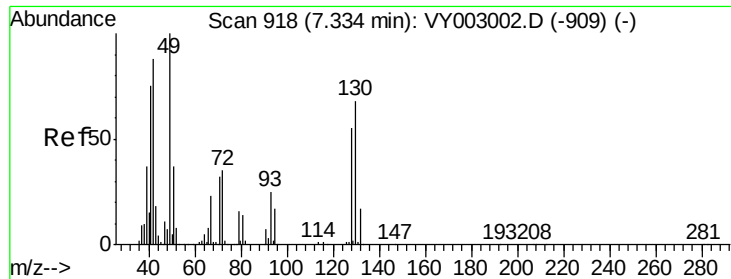
MMDadoda
7/8/2020 12:20:37 PM



#40
Benzene
Concen: 20.757 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	333512		
77	24.2	19.2	28.8	





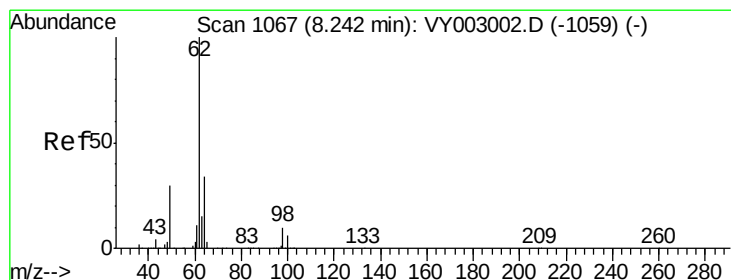
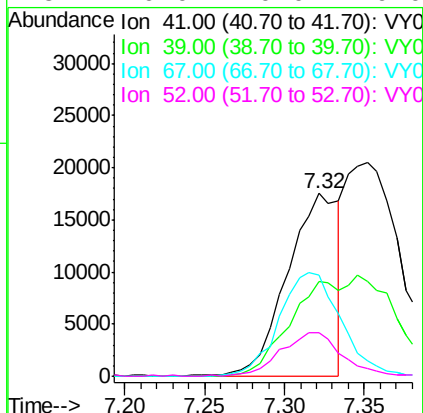
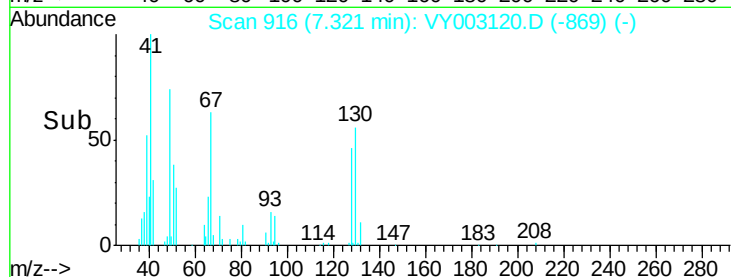
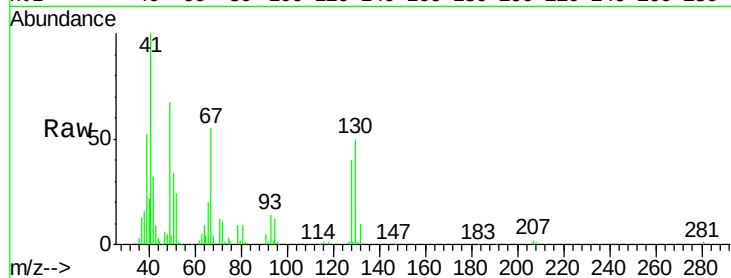
#41
Methacrylonitrile
Concen: 20.871 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

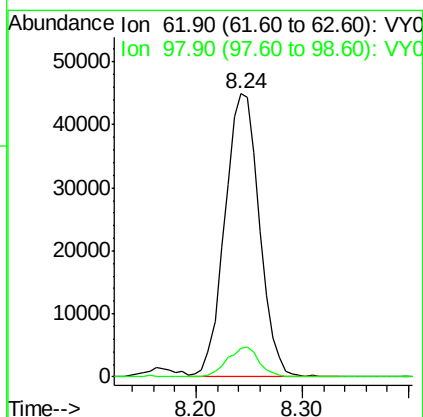
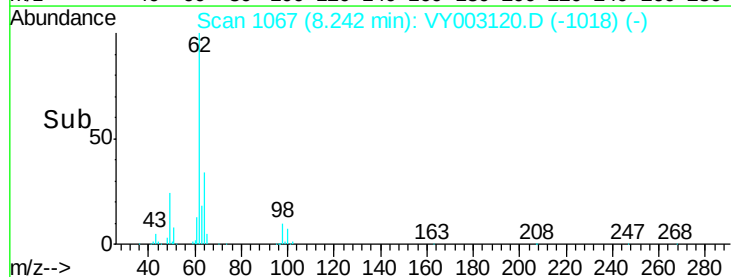
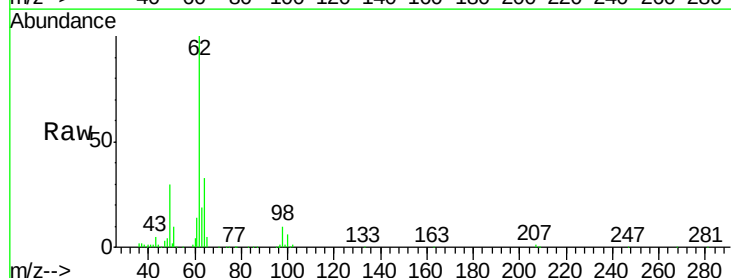
Manual Integrations
APPROVED

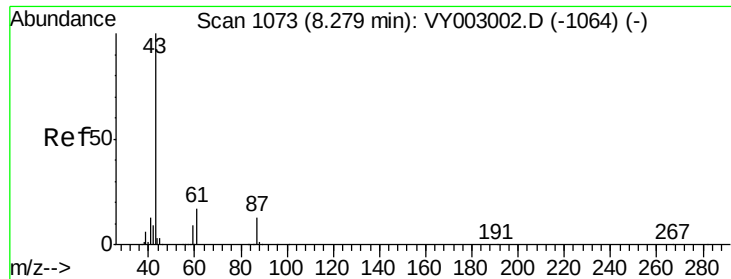
MMDadoda
7/8/2020 12:20:37 PM



#42
1,2-Dichloroethane
Concen: 20.080 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2





#43

Isopropyl Acetate

Concen: 18.467 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

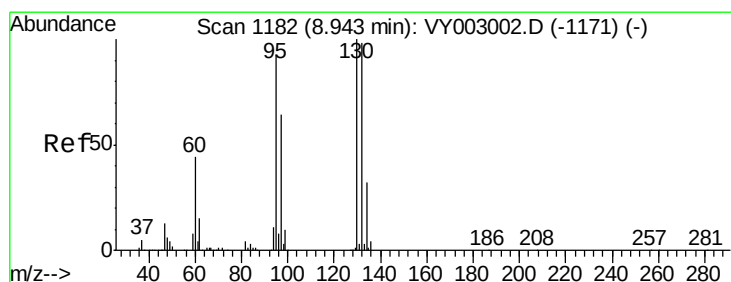
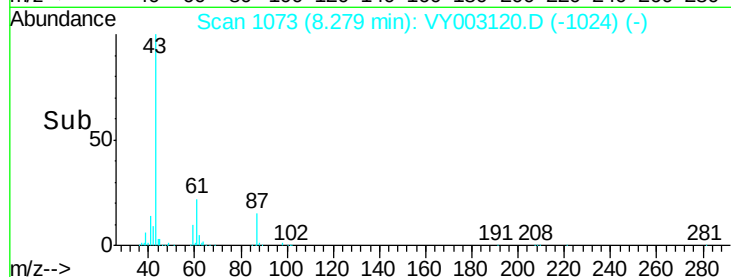
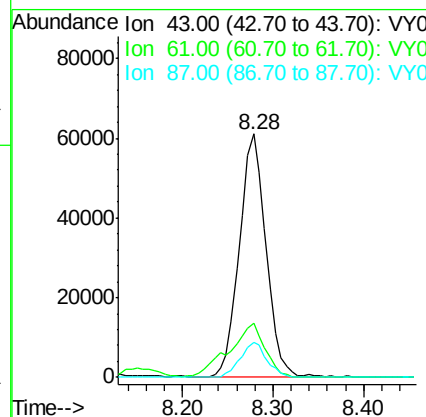
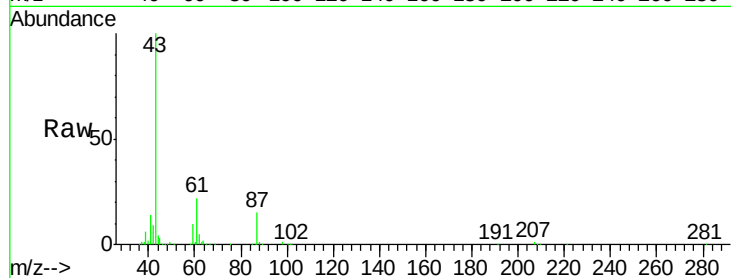
ClientSampleId :

VY0707SBS01

Tot Ion:	43	Resp:	123884
Ion	Ratio	Lower	Upper
43	100		
61	29.9	21.8	32.6
87	14.5	10.1	15.1

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:20:37 PM



#44

Trichloroethene

Concen: 21.834 ug/l

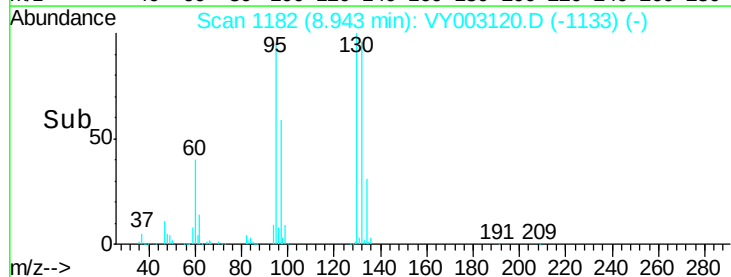
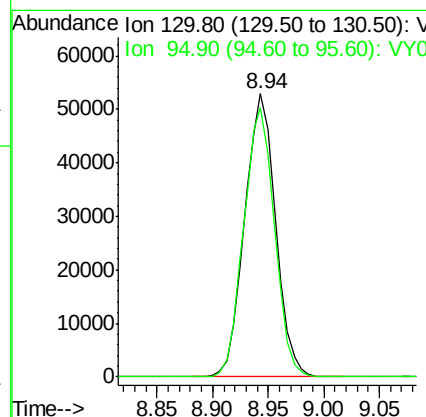
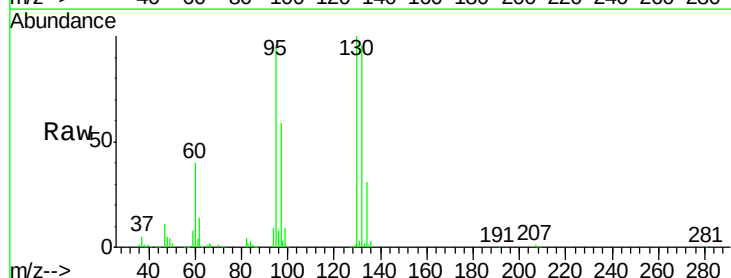
RT: 8.94 min Scan# 1182

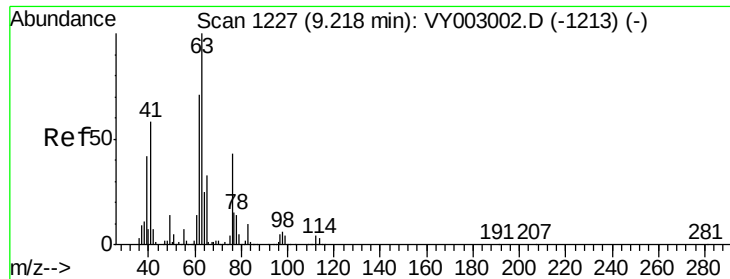
Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Tgt Ion:	130	Resp:	101968
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	186.4





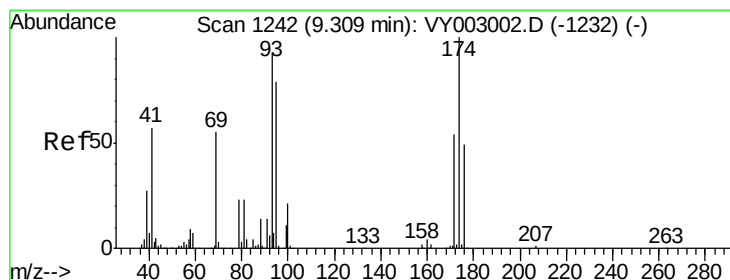
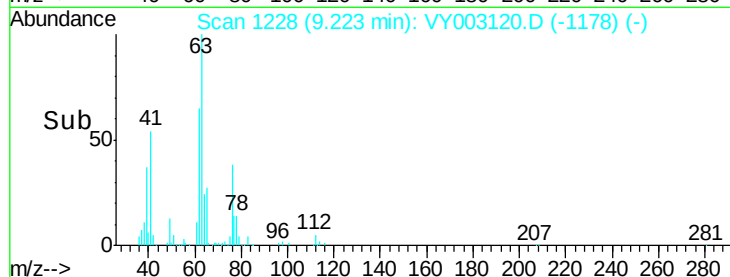
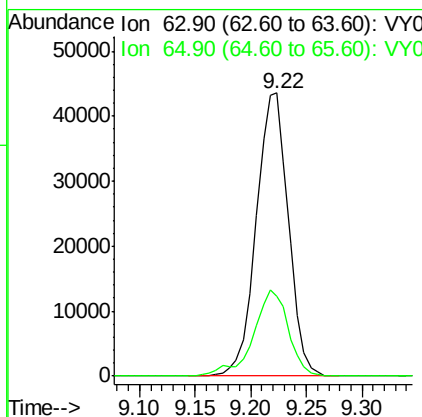
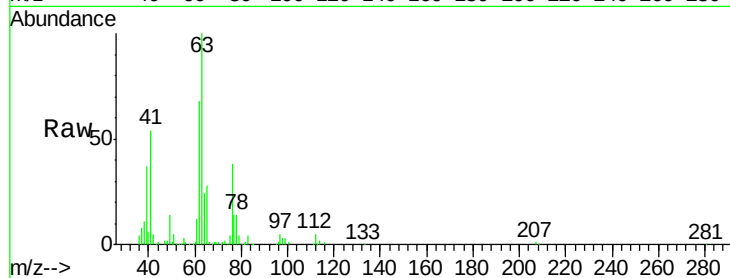
#45
 1,2-Dichloropropane
 Concen: 20.249 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.2	26.2	39.4

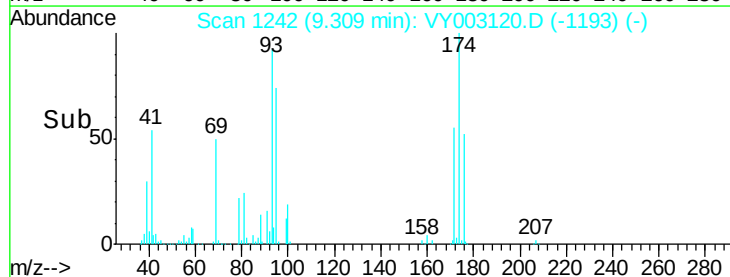
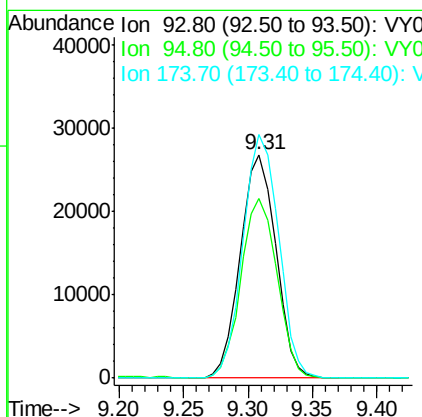
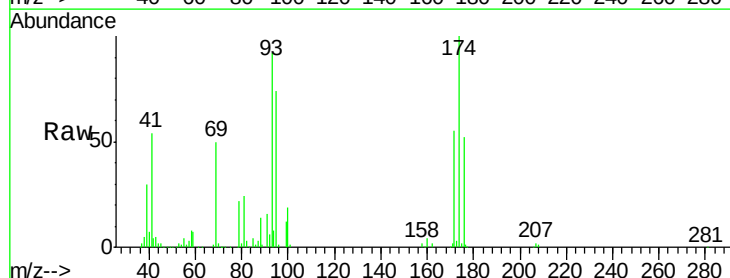
Manual Integrations
 APPROVED

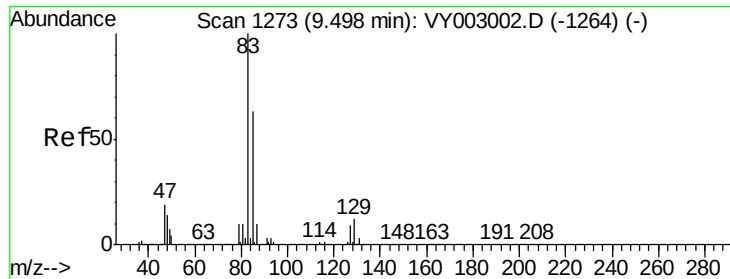
MMDadoda
 7/8/2020 12:20:37 PM



#46
 Dibromomethane
 Concen: 21.330 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	67.6	101.4
174	109.1	88.3	132.5





#47

Bromodichloromethane

Concen: 20.465 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

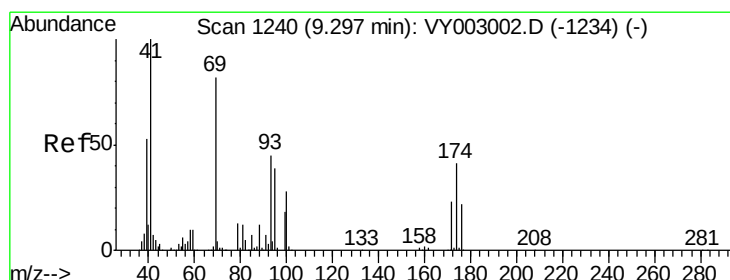
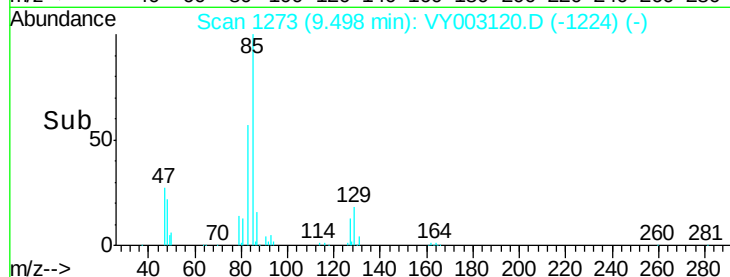
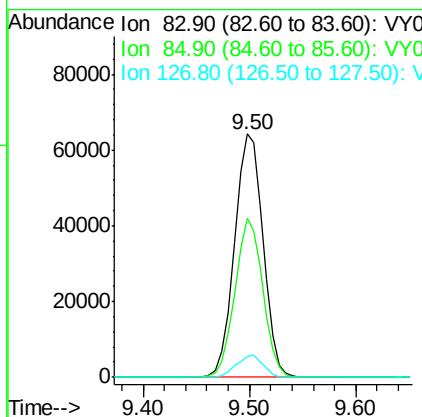
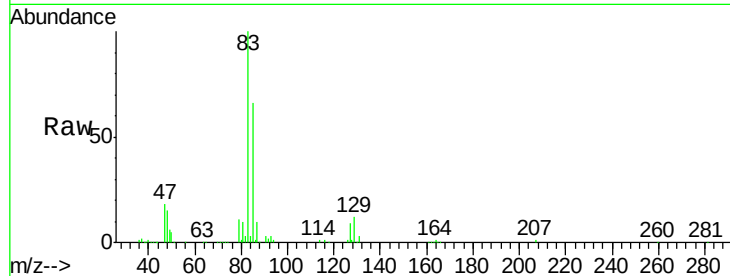
ClientSampleId :

VY0707SBS01

Tot Ion:	83	Resp:	120984
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.5	75.7
127	8.7	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:20:37 PM



#48

Methyl methacrylate

Concen: 18.057 ug/l

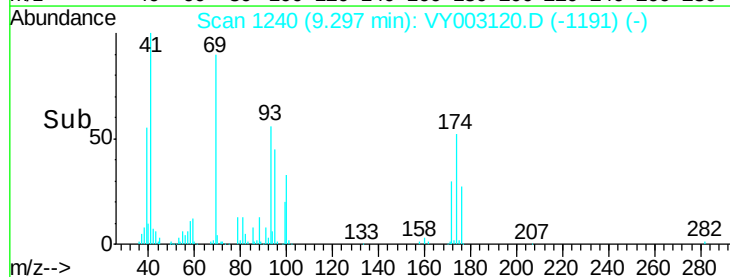
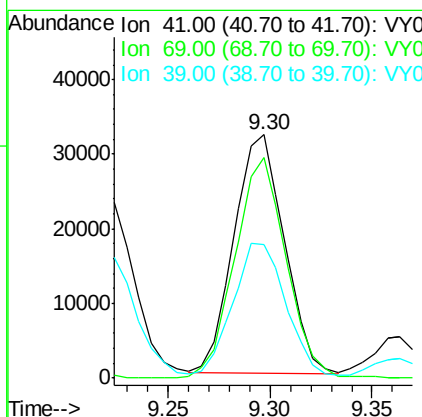
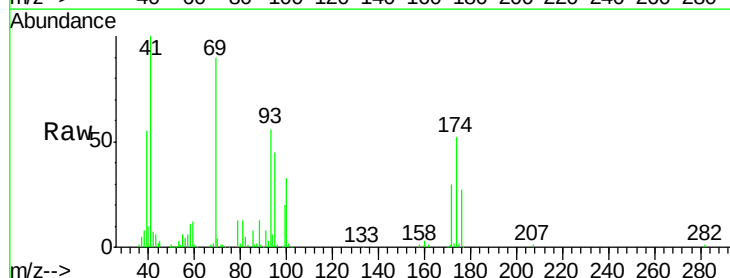
RT: 9.30 min Scan# 1240

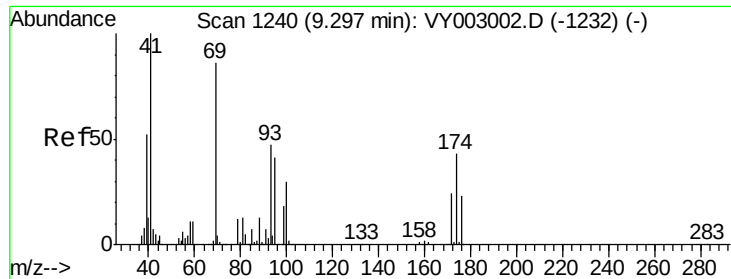
Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Tgt Ion:	41	Resp:	55135
Ion	Ratio	Lower	Upper
41	100		
69	93.7	67.7	101.5
39	57.5	45.0	67.4





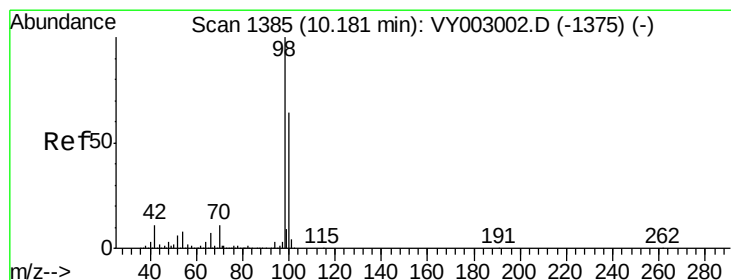
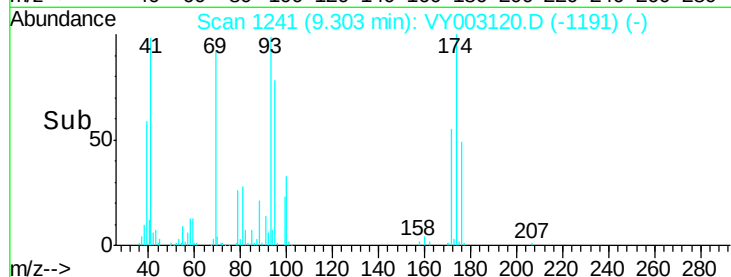
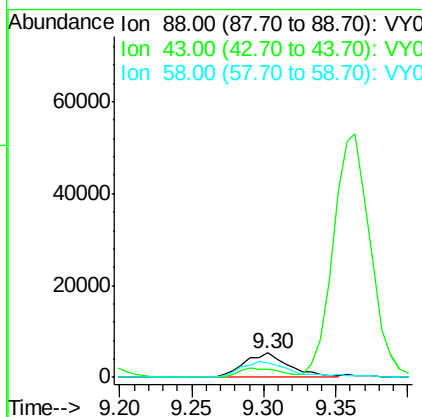
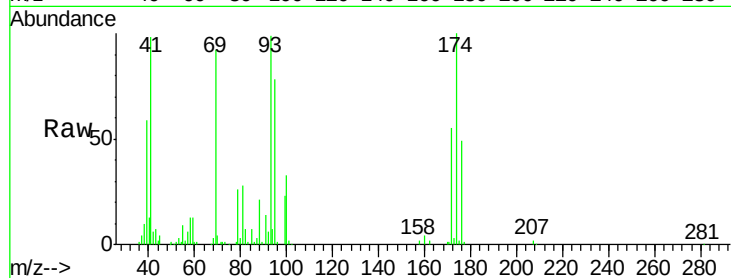
#49
1,4-Dioxane
Concen: 396.072 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	88	Resp	11673
Ion Ratio	Lower	Upper	
88	100		
43	32.0	28.6	42.8
58	71.4	56.7	85.1

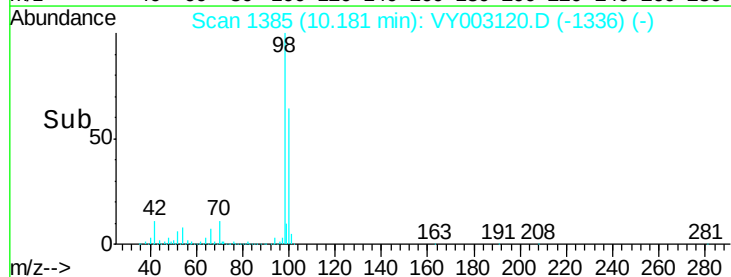
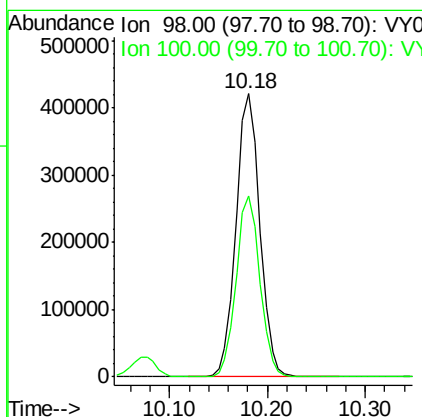
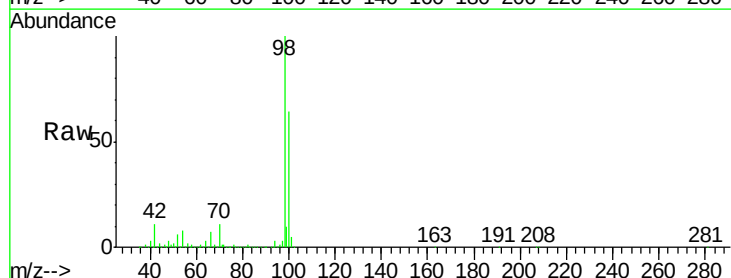
Manual Integrations
APPROVED

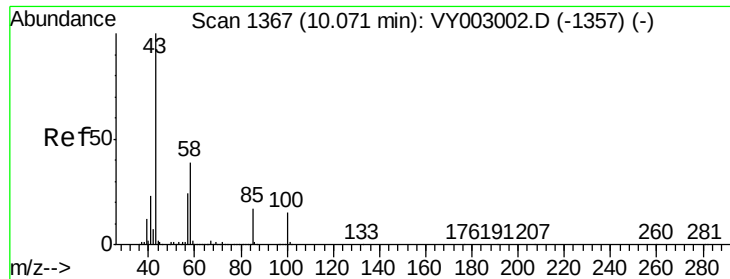
MMDadoda
7/8/2020 12:20:37 PM



#50
Toluene-d8
Concen: 50.298 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	98	Resp	712212
Ion Ratio	Lower	Upper	
98	100		
100	63.9	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 93.284 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 43 Resp: 323437

Ion Ratio Lower Upper

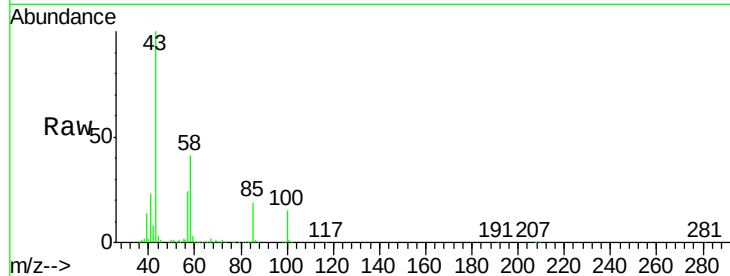
43 100

58 41.2 31.1 46.7

Manual Integrations
APPROVED

MMDadoda

7/8/2020 12:20:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

200000

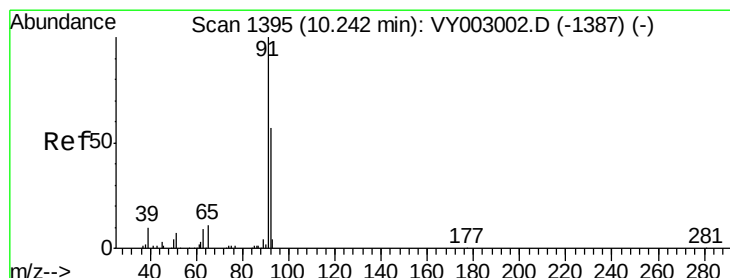
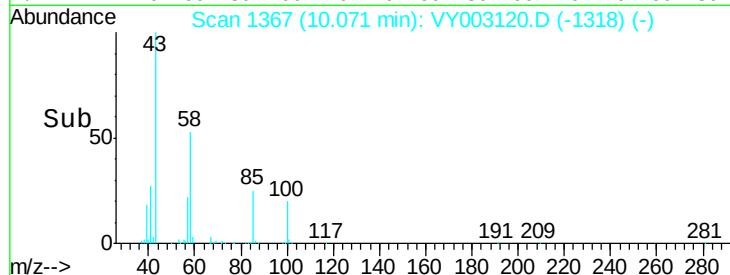
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.927 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003120.D

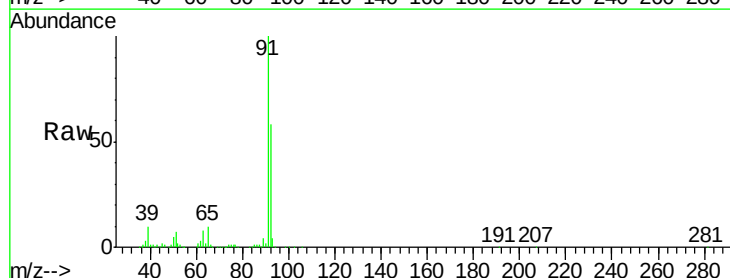
Acq: 07 Jul 2020 12:26

Tgt Ion: 92 Resp: 211668

Ion Ratio Lower Upper

92 100

91 173.9 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

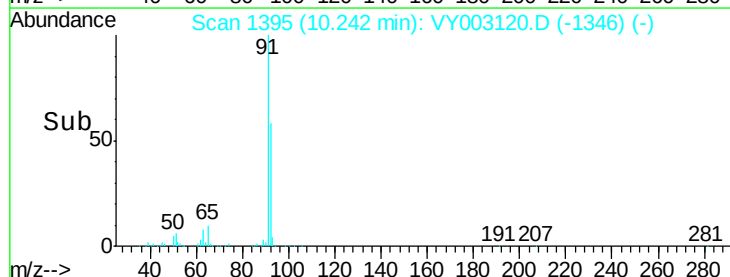
150000

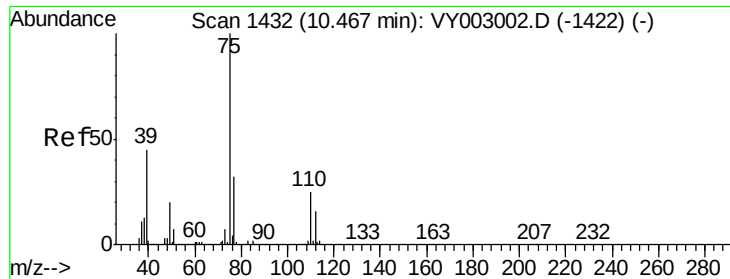
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.543 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 75 Resp: 127327

Ion Ratio Lower Upper

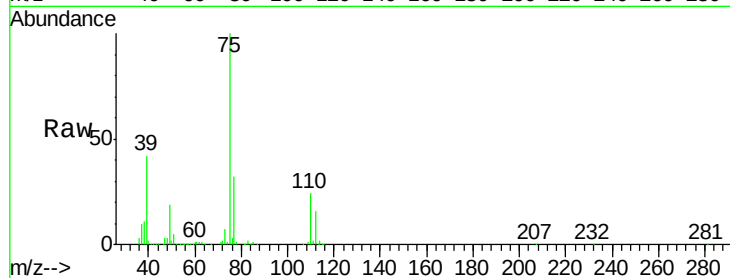
75 100

77 32.0 25.9 38.9

Manual Integrations
APPROVED

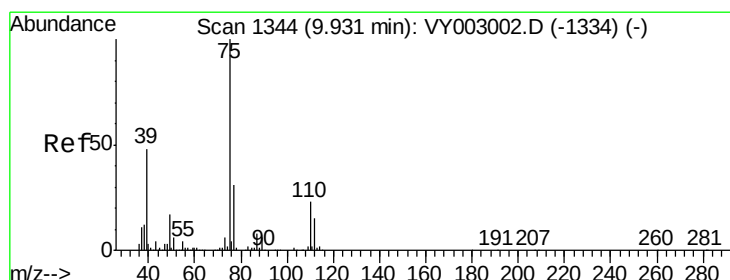
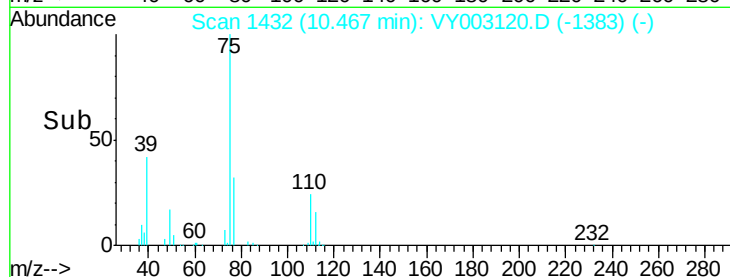
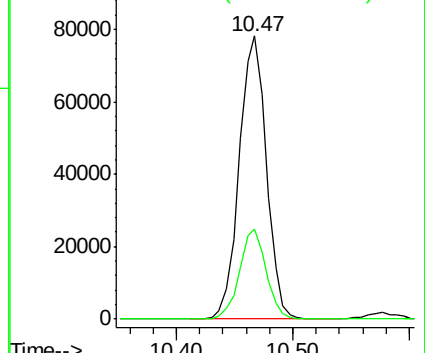
MMDadoda

7/8/2020 12:20:37 PM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.127 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

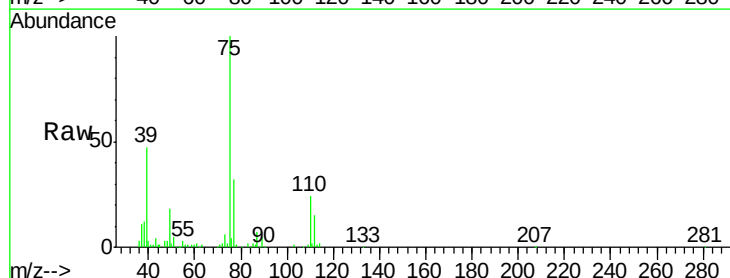
Tgt Ion: 75 Resp: 142671

Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0

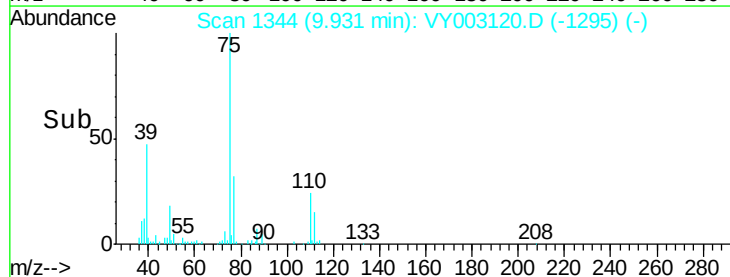
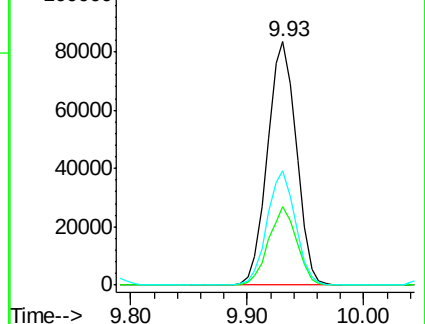
39 46.7 38.3 57.5

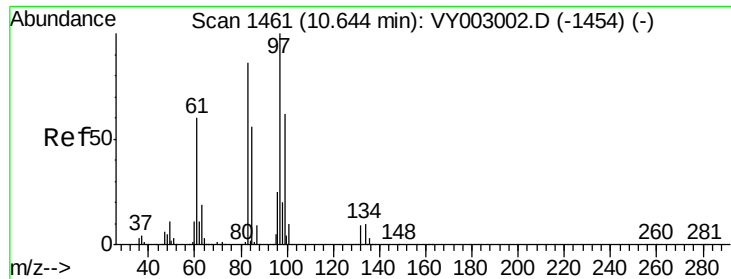


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





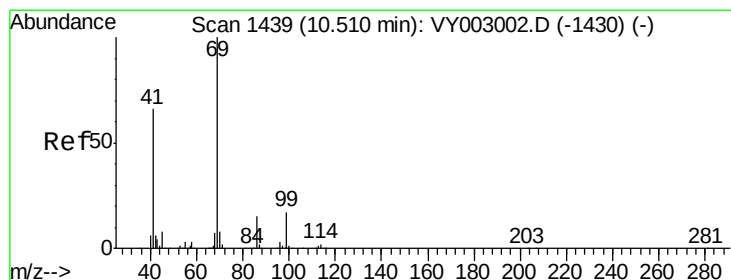
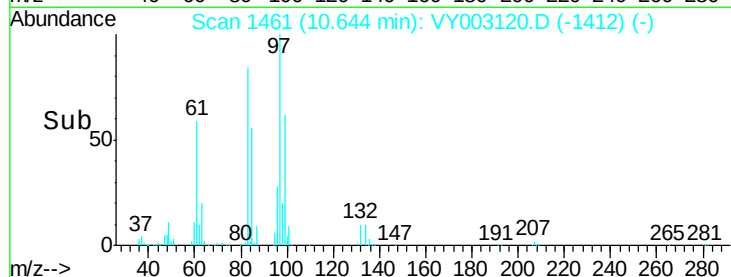
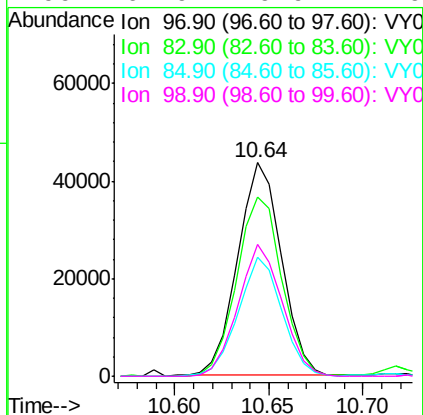
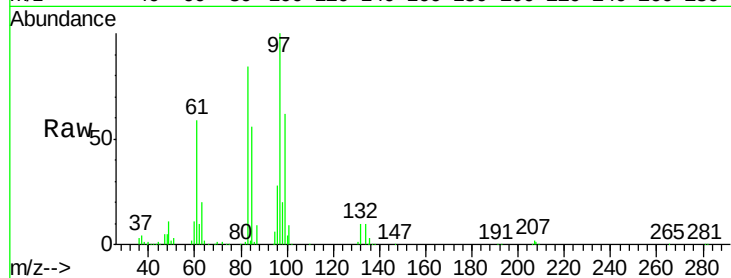
#55
 1,1,2-Trichloroethane
 Concen: 20.996 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	97	Resp	70441
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.0	103.6
85	55.7	44.8	67.2
99	61.9	49.9	74.9

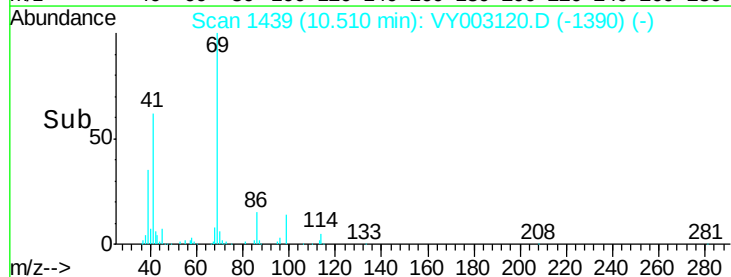
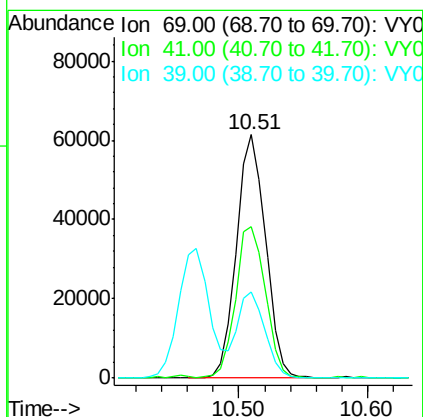
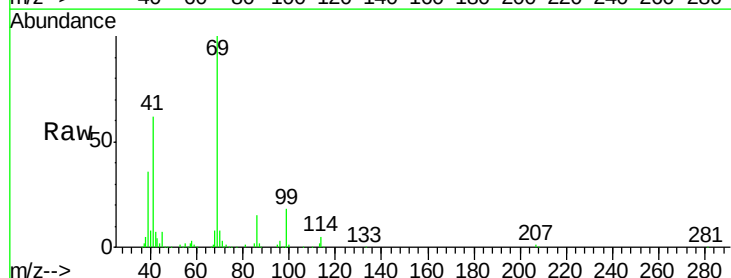
Manual Integrations
 APPROVED

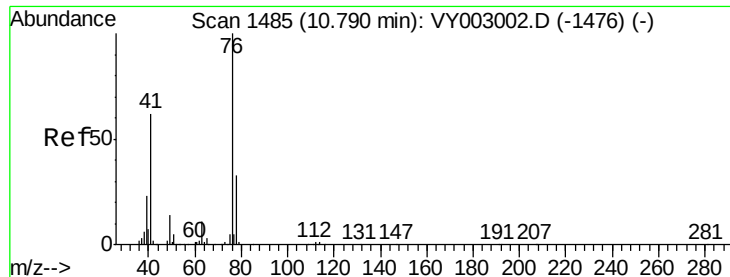
MMDadoda
 7/8/2020 12:20:37 PM



#56
 Ethyl methacrylate
 Concen: 19.859 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	69	Resp	96445
Ion	Ratio	Lower	Upper
69	100		
41	62.8	53.7	80.5
39	32.5	28.3	42.5





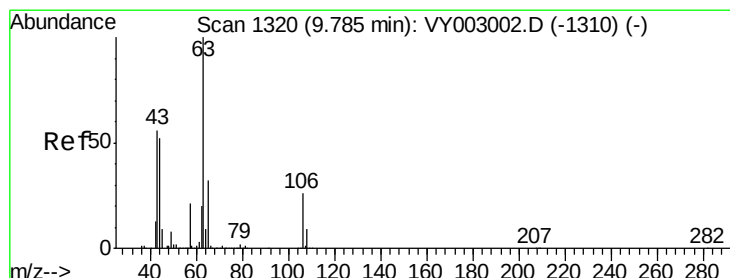
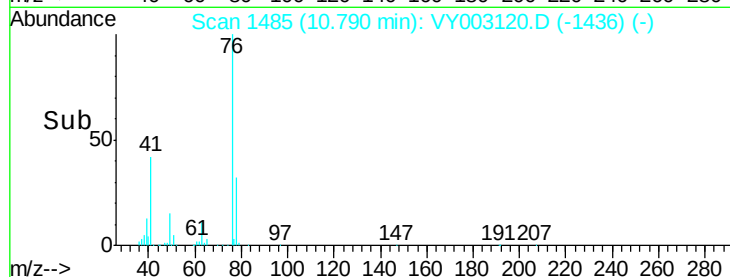
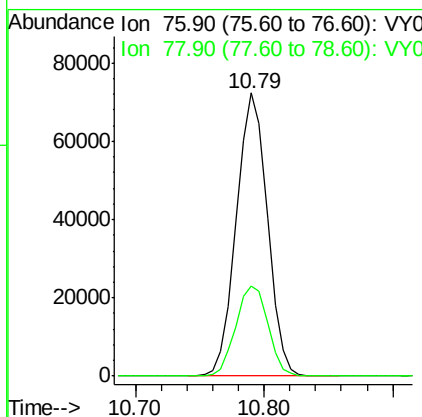
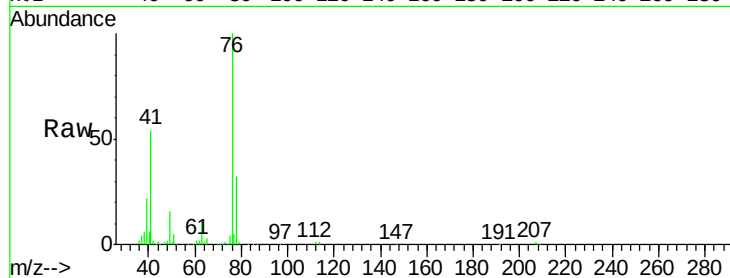
#57
 1,3-Dichloropropane
 Concen: 20.483 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.0	39.0

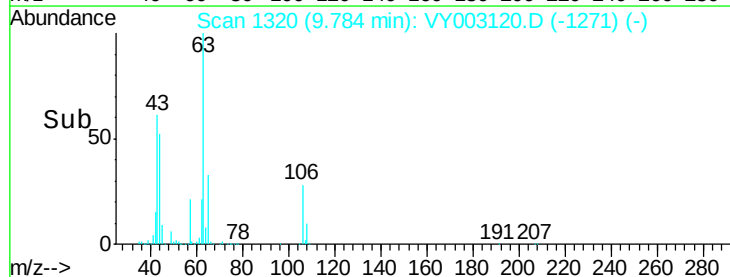
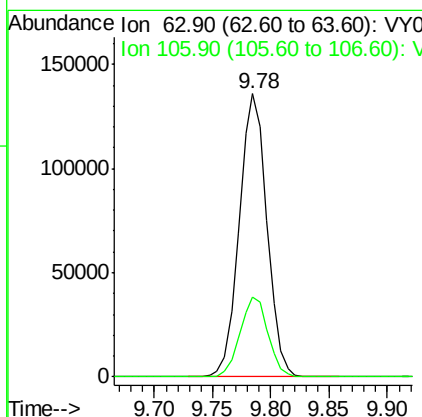
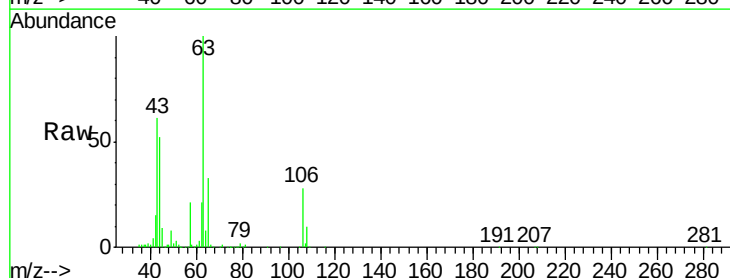
Manual Integrations
 APPROVED

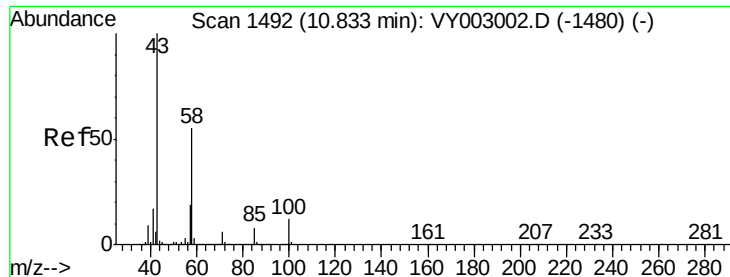
MMDadoda
 7/8/2020 12:20:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.405 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	21.5	32.3





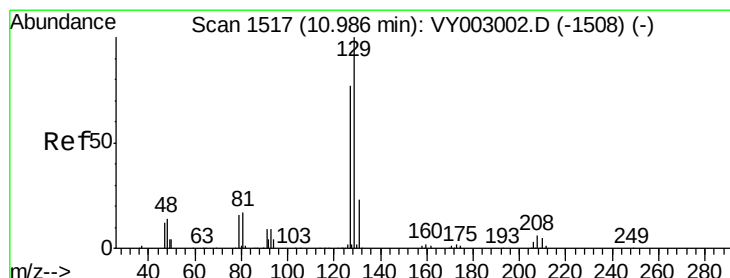
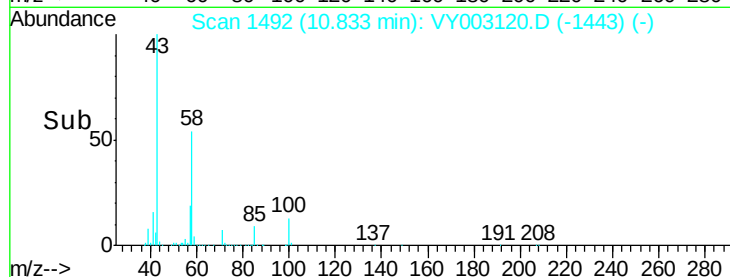
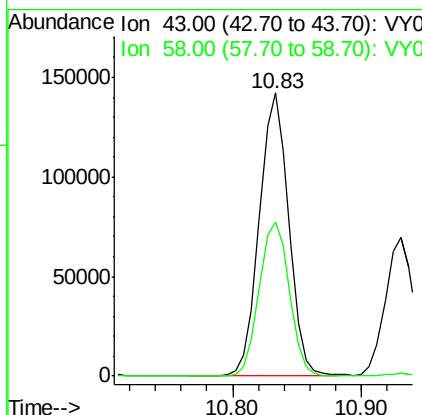
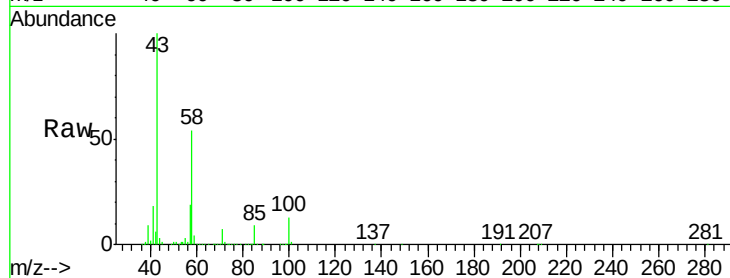
#59
2-Hexanone
Concen: 92.528 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	27.5	82.4

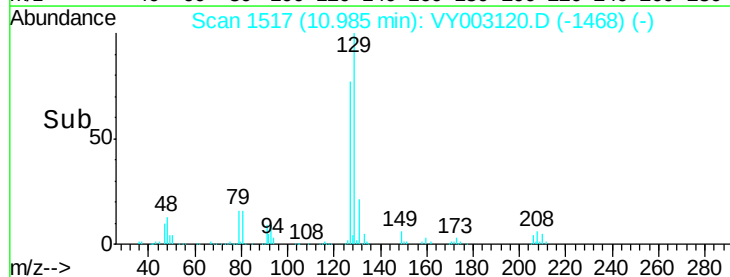
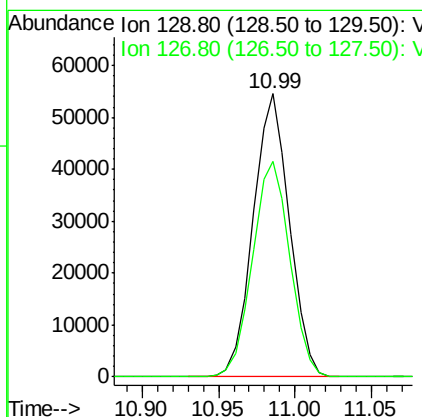
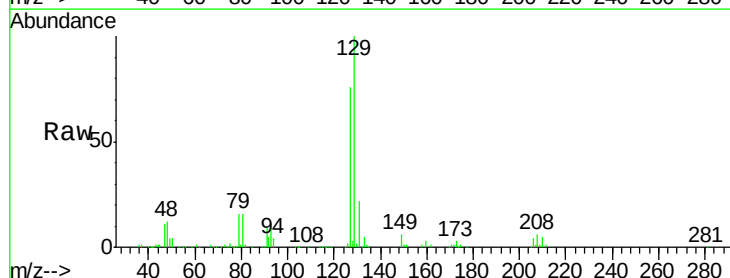
Manual Integrations
APPROVED

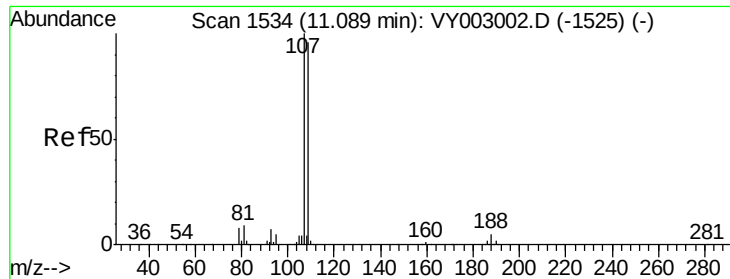
MMDadoda
7/8/2020 12:20:37 PM



#60
Dibromochloromethane
Concen: 20.943 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.1	117.3





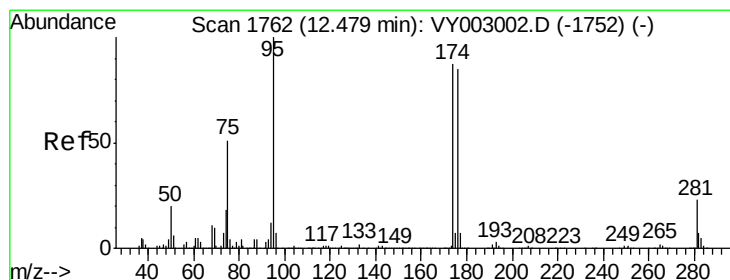
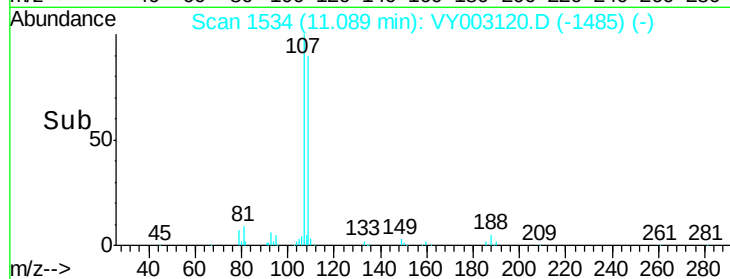
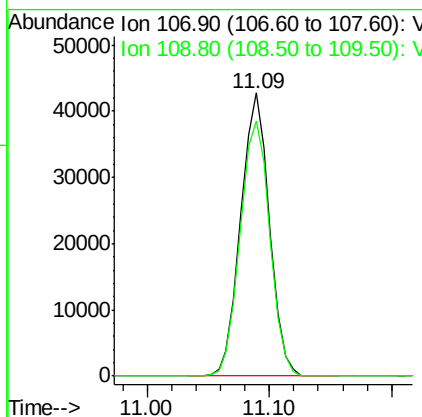
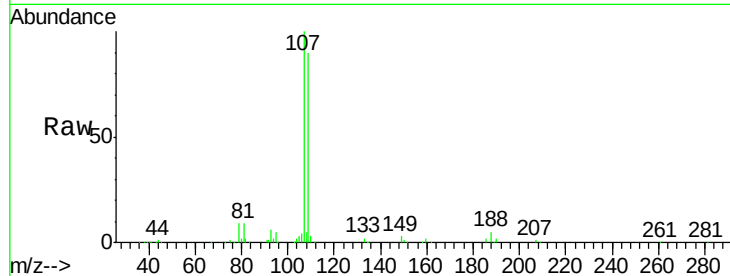
#61
 1,2-Dibromoethane
 Concen: 20.999 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.8	113.8

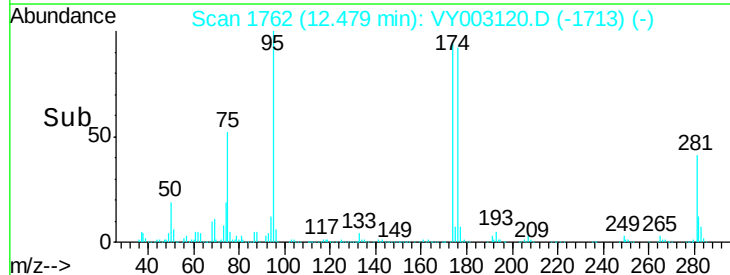
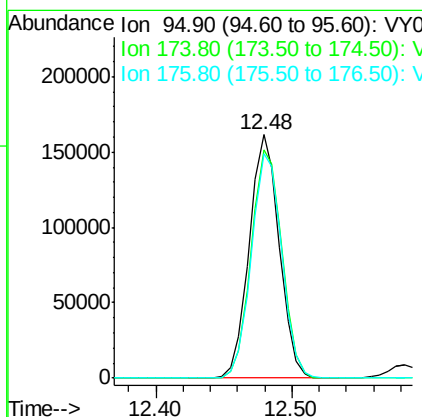
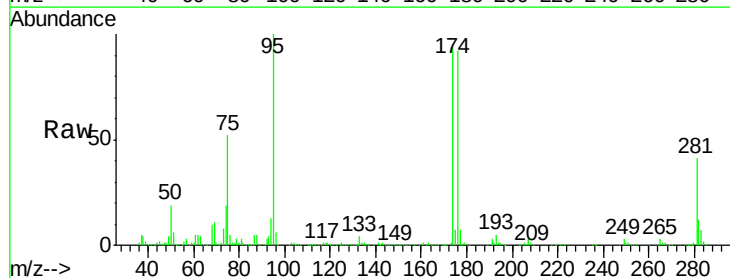
Manual Integrations
 APPROVED

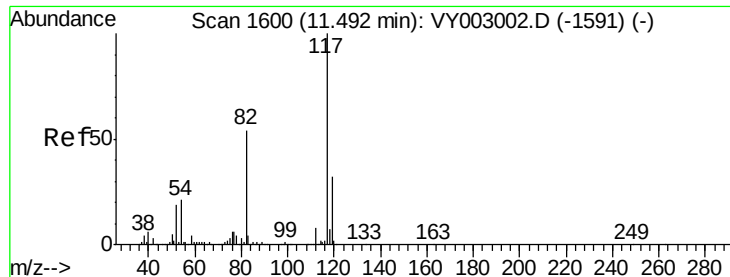
MMDadoda
 7/8/2020 12:20:37 PM



#62
 4-Bromofluorobenzene
 Concen: 50.129 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	184.8
176	93.6	0.0	183.0





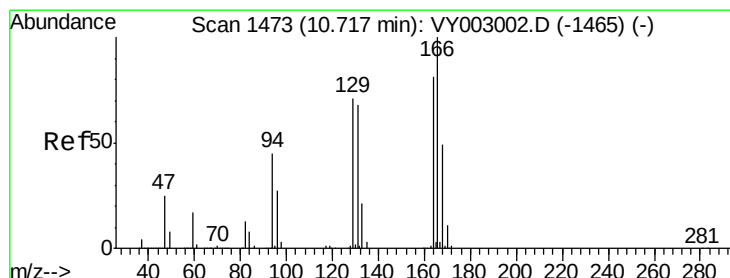
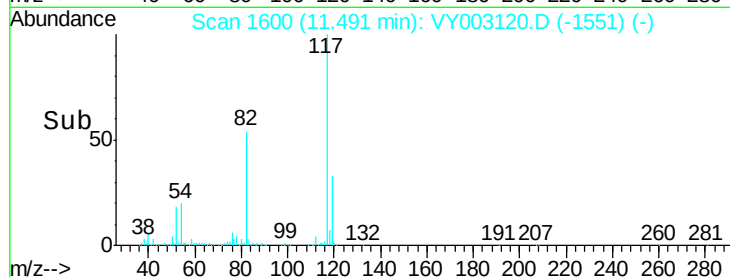
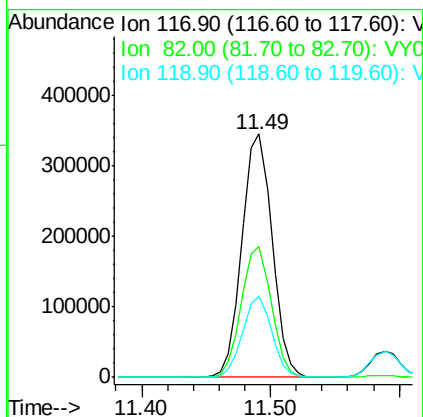
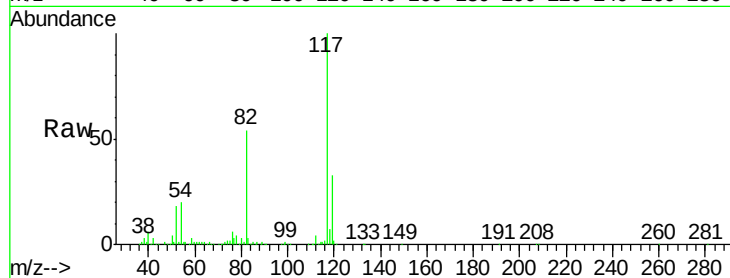
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.6
119	33.0	25.8	38.8

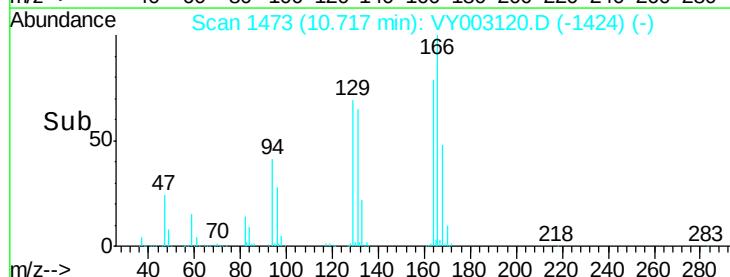
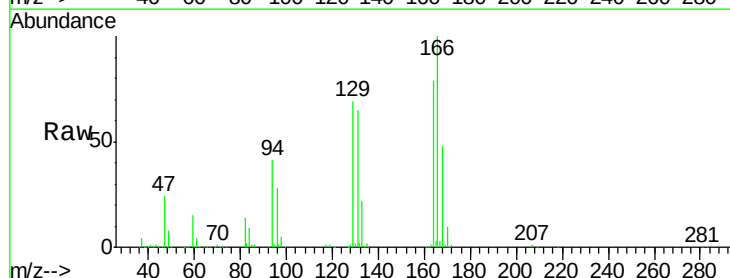
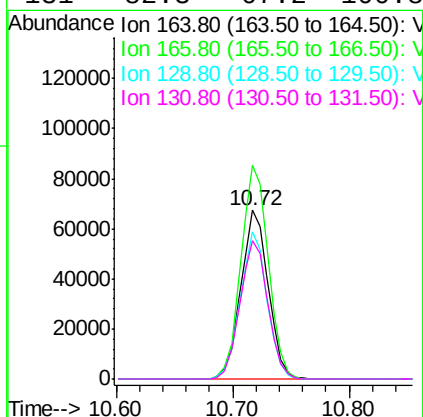
Manual Integrations
APPROVED

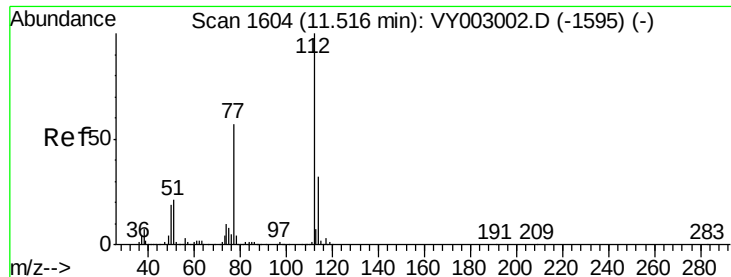
MMDadoda
7/8/2020 12:20:37 PM



#64
Tetrachloroethene
Concen: 23.312 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	98.5	147.7
129	87.2	69.7	104.5
131	82.3	67.2	100.8





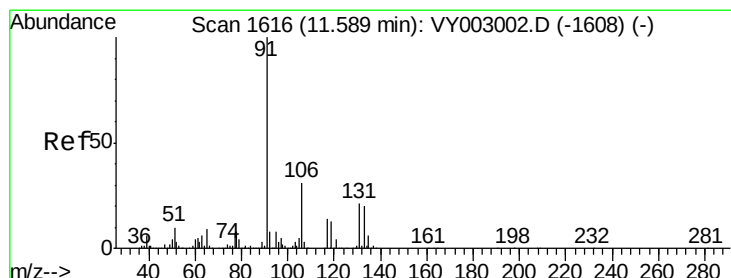
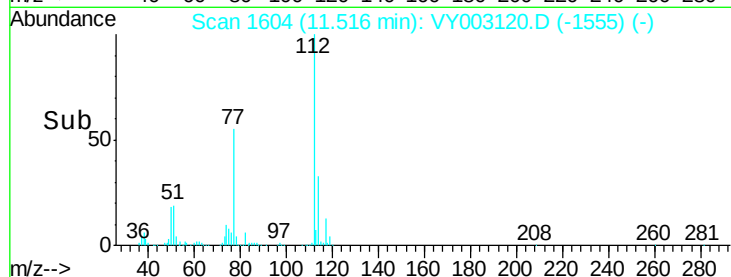
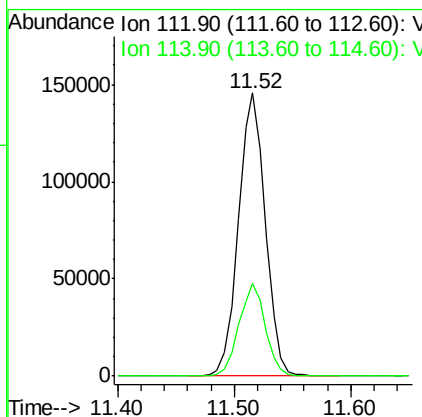
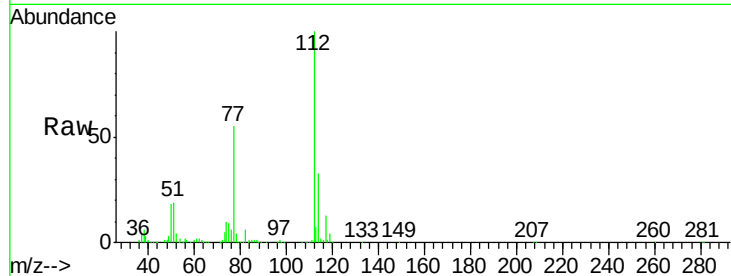
#65
Chlorobenzene
Concen: 21.146 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.7	38.5

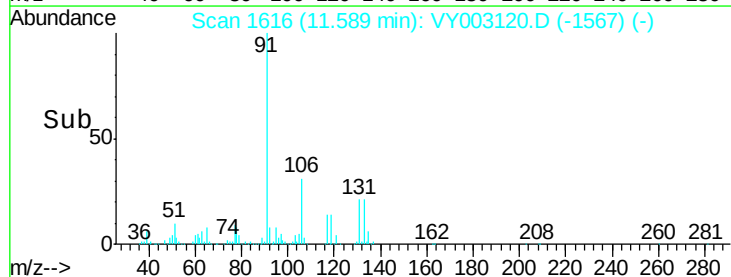
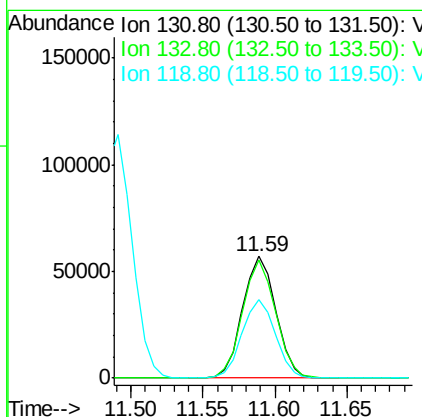
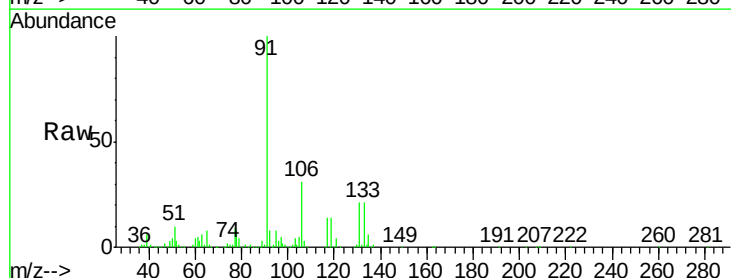
Manual Integrations
APPROVED

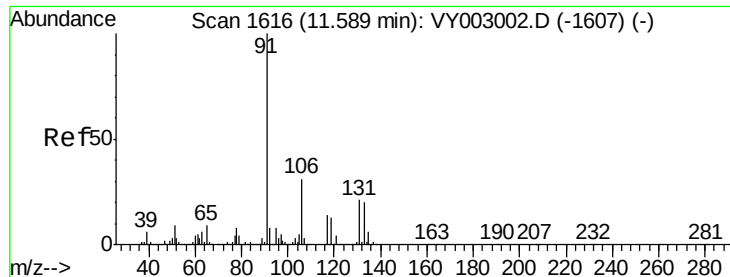
MMDadoda
7/8/2020 12:20:37 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.148 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.9	143.8
119	64.9	31.8	95.3





#67

Ethyl Benzene

Concen: 20.811 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 91 Resp: 420499

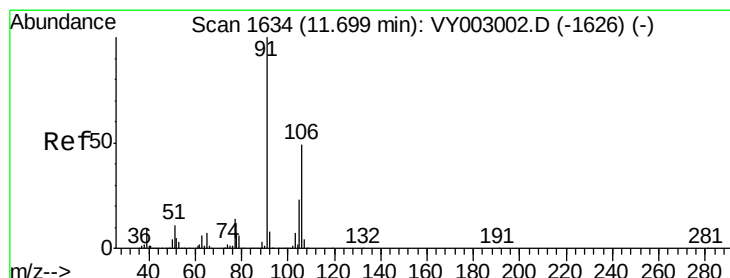
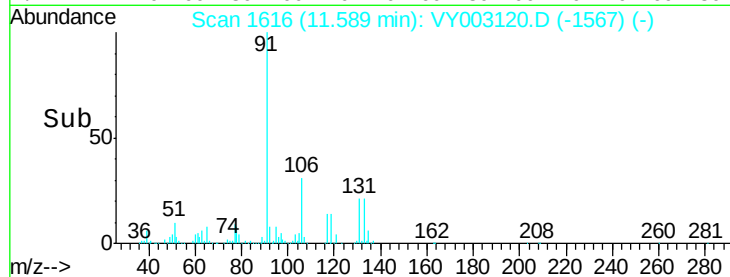
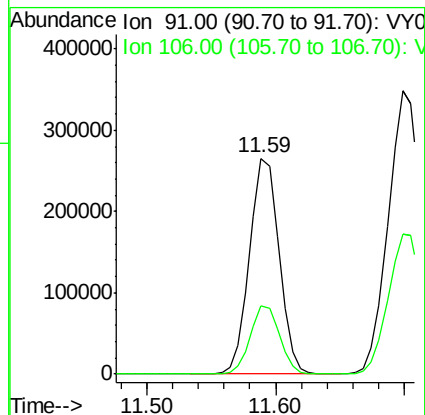
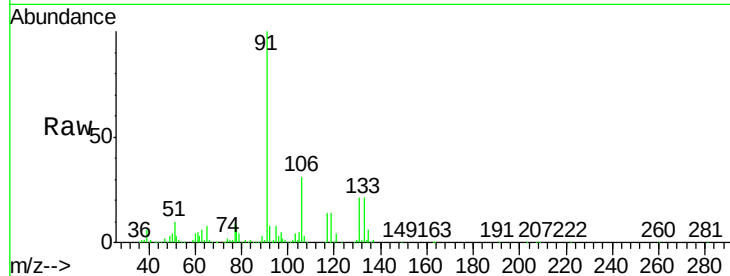
Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.4

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:20:37 PM



#68

m/p-Xylenes

Concen: 42.587 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003120.D

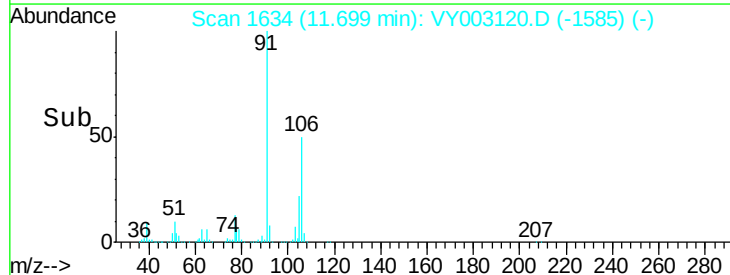
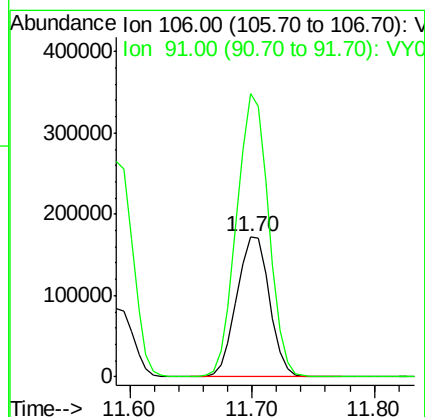
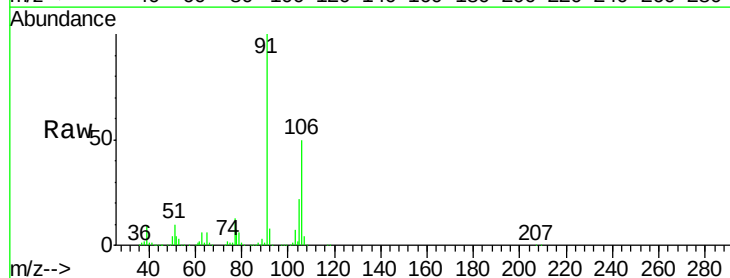
Acq: 07 Jul 2020 12:26

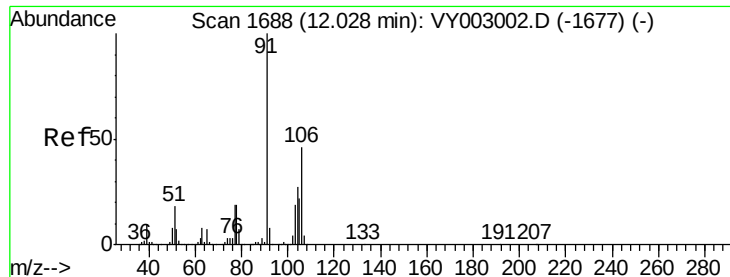
Tgt Ion: 106 Resp: 320269

Ion Ratio Lower Upper

106 100

91 197.3 161.9 242.9





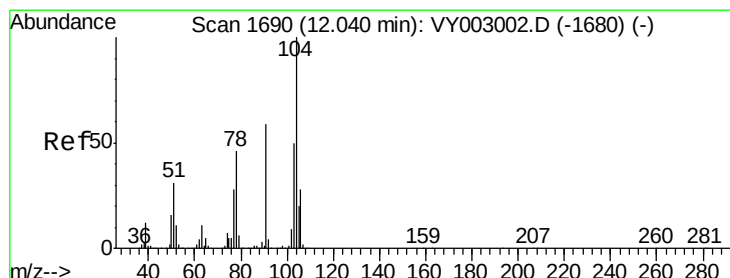
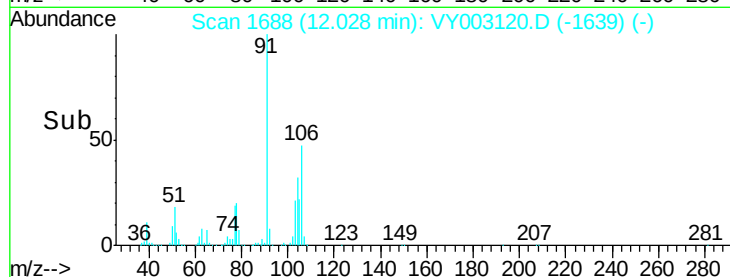
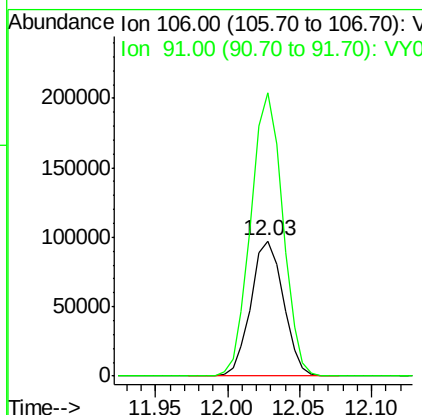
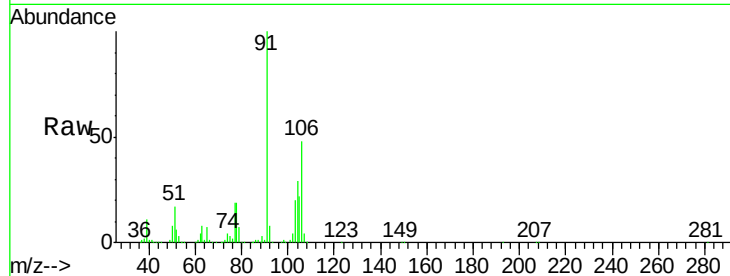
#69
o-Xylene
Concen: 21.434 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	205.8	107.9	323.8	

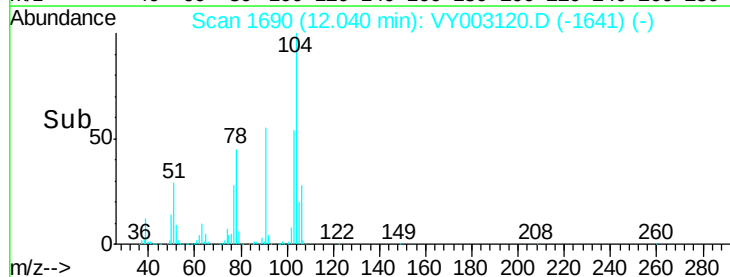
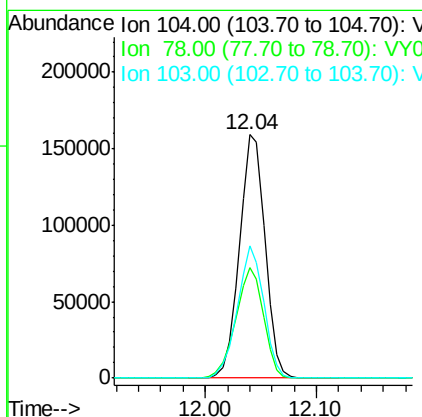
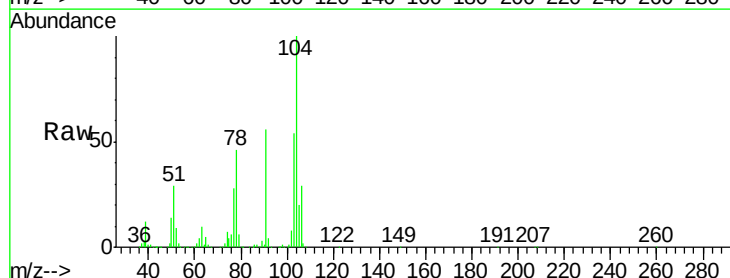
Manual Integrations
APPROVED

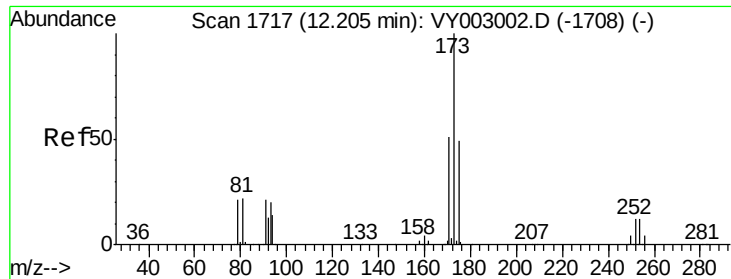
MMDadoda
7/8/2020 12:20:37 PM



#70
Styrene
Concen: 20.899 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	49.2	40.4	60.6	
103	56.3	44.1	66.1	





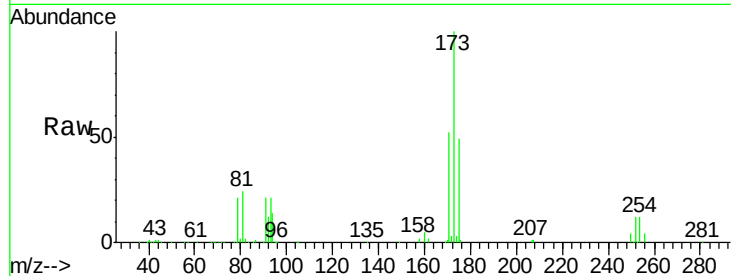
#71
Bromoform
Concen: 20.749 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	73.6
254	0.0	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:20:37 PM

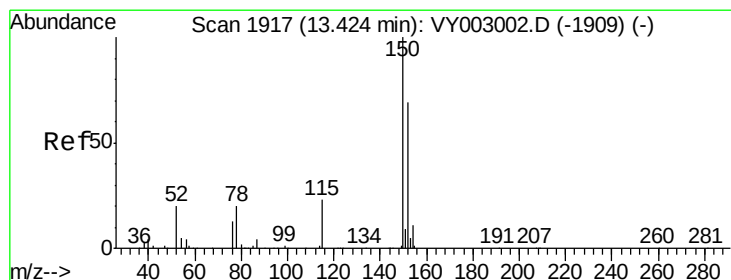
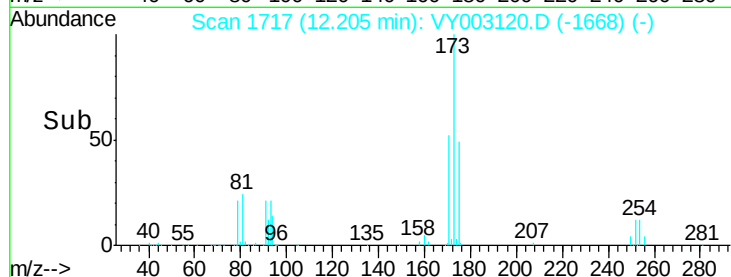
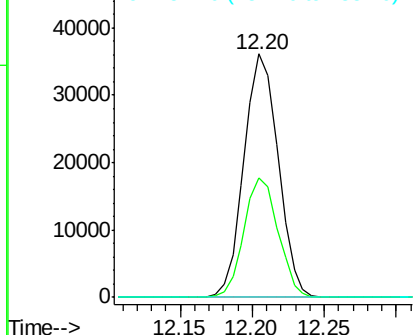


Abundance

Ion 172.70 (172.40 to 173.40): V

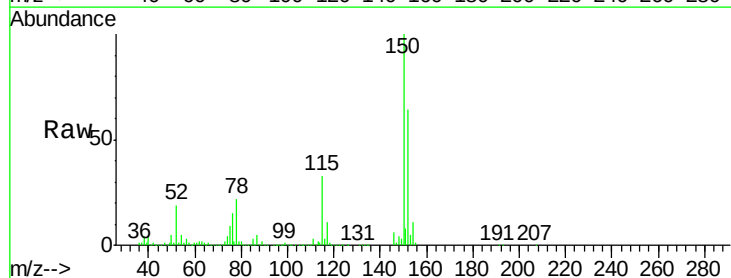
Ion 174.70 (174.40 to 175.40): V

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: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.3	81.9
150	162.1	0.0	343.4

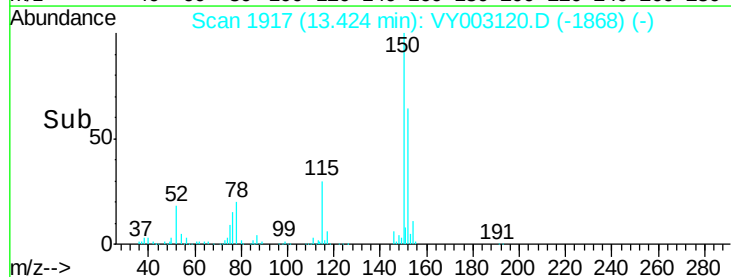
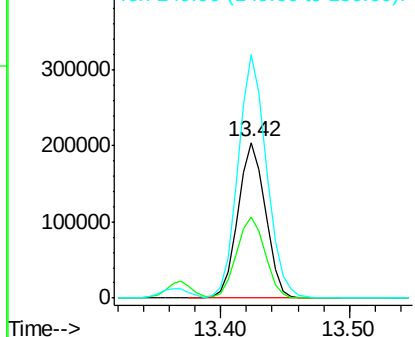


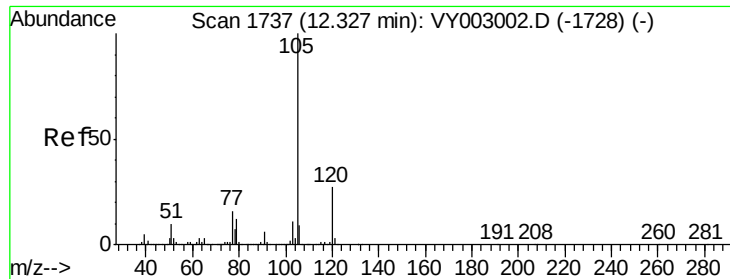
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.858 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

Tot Ion: 105 Resp: 410831

Ion Ratio Lower Upper

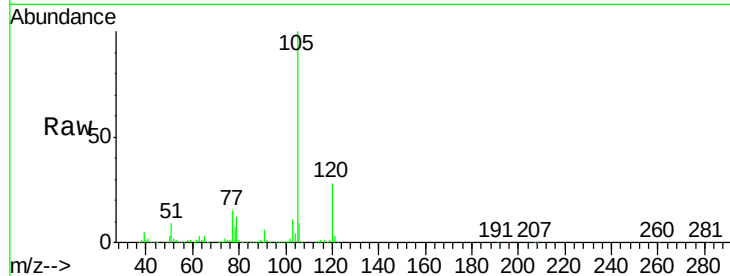
105 100

120 27.5 13.4 40.1

Manual Integrations
APPROVED

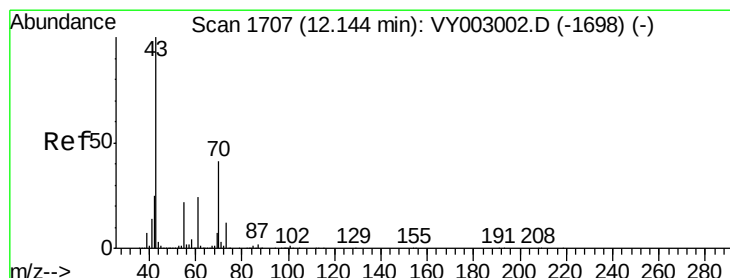
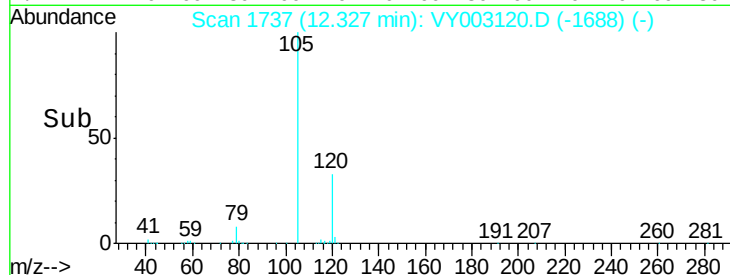
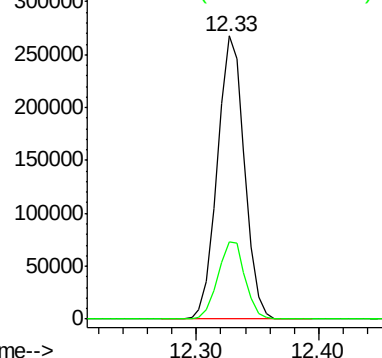
MMDadoda

7/8/2020 12:20:37 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.119 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Tgt Ion: 43 Resp: 116177

Ion Ratio Lower Upper

43 100

70 45.4 33.0 49.4

55 25.0 18.2 27.2

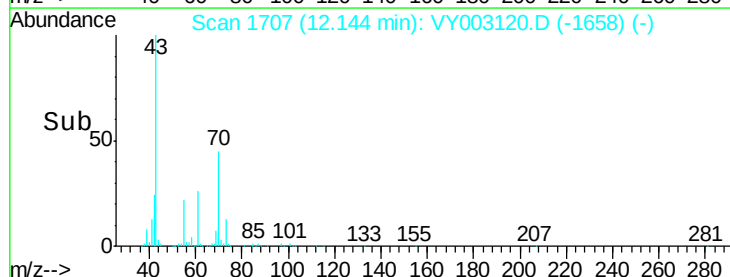
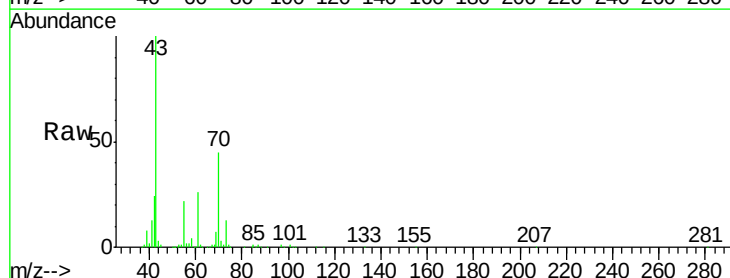
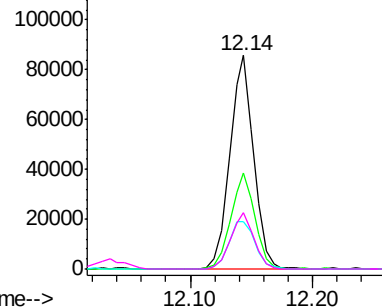
61 25.8 19.4 29.2

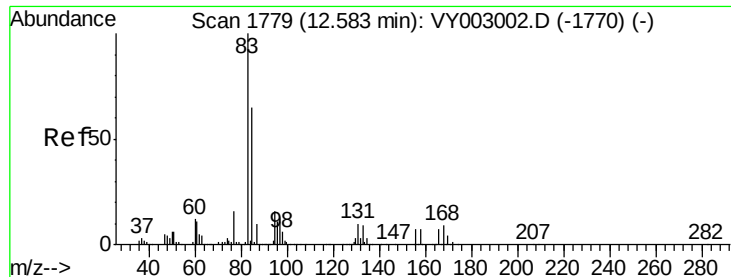
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.955 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

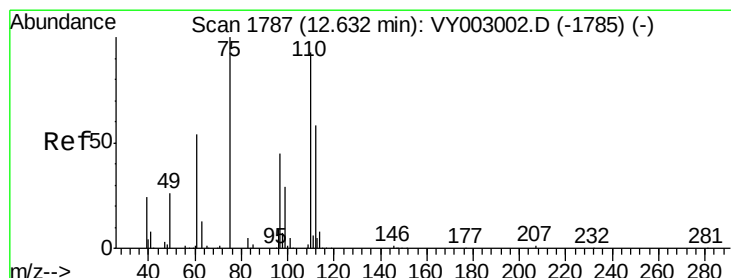
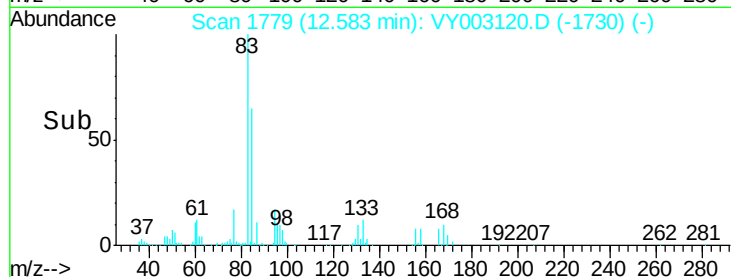
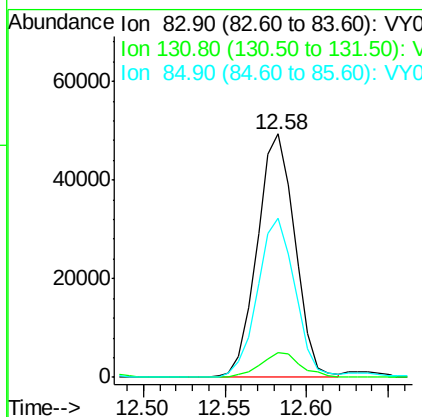
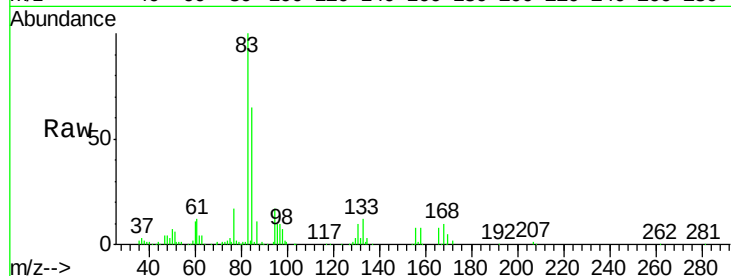
ClientSampleId :

VY0707SBS01

Tot Ion:	83	Resp:	79317
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	65.4	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:20:37 PM



#76

1,2,3-Trichloropropane

Concen: 24.360 ug/l m

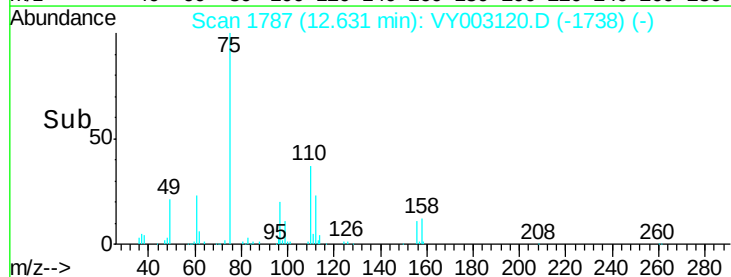
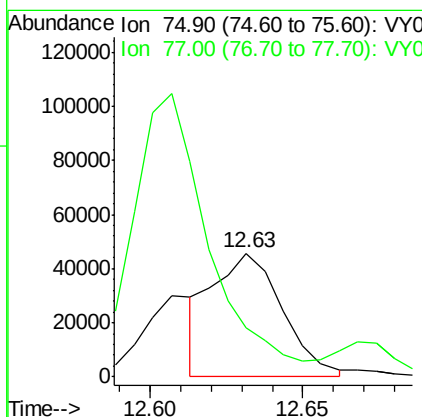
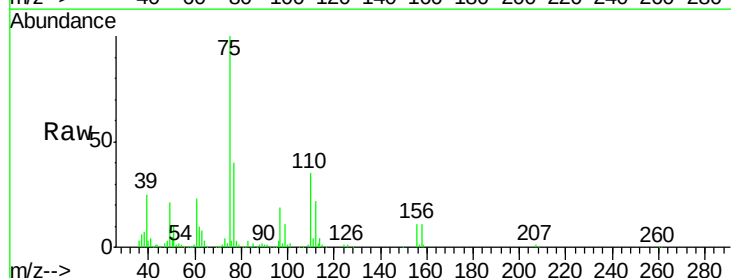
RT: 12.63 min Scan# 1787

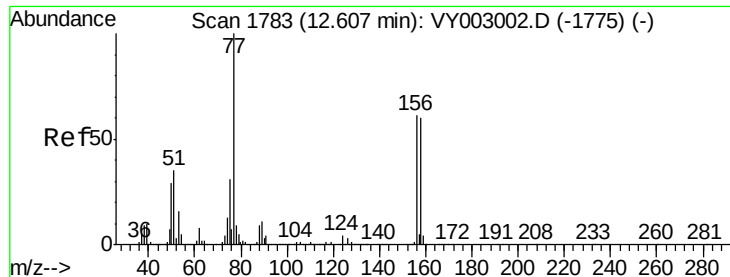
Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Tgt Ion:	75	Resp:	72557
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





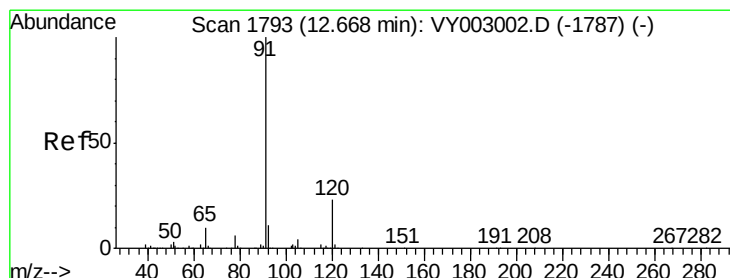
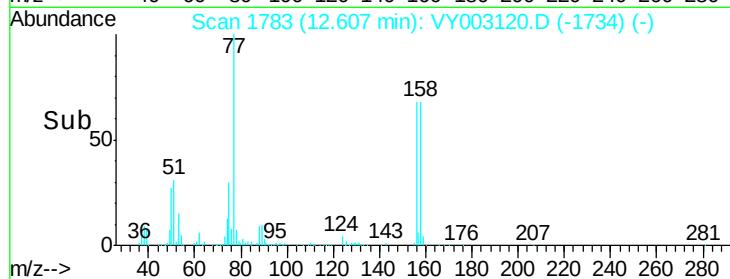
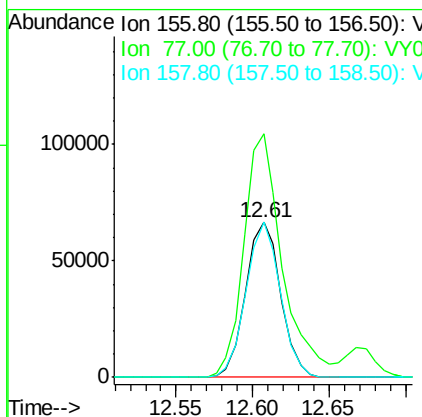
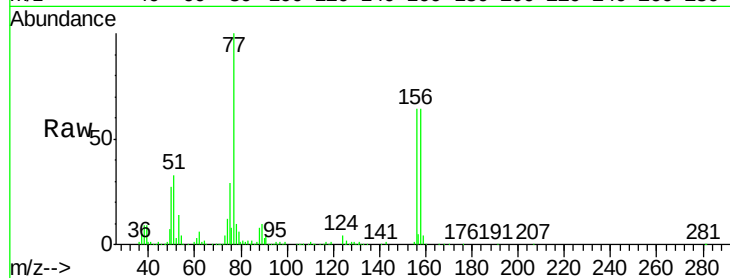
#77
Bromobenzene
Concen: 20.968 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.1	90.0	270.0
158	97.8	48.5	145.5

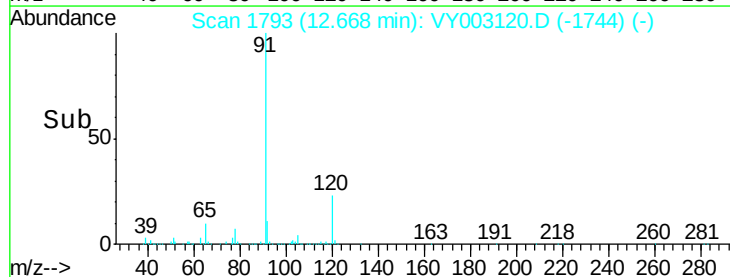
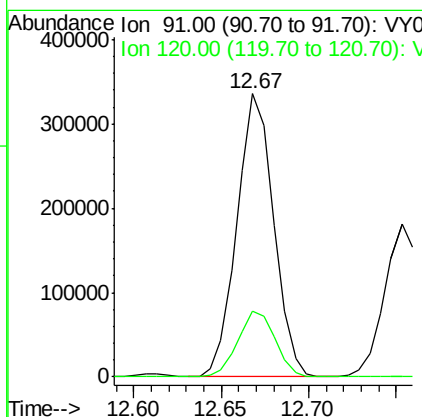
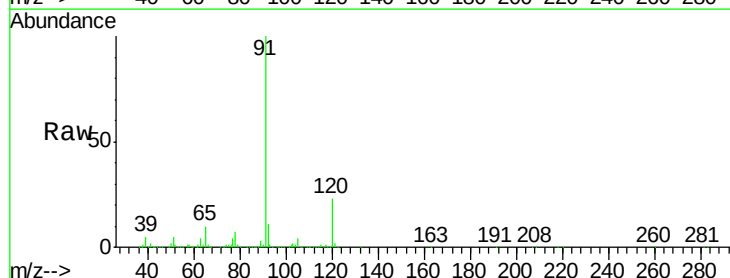
Manual Integrations
APPROVED

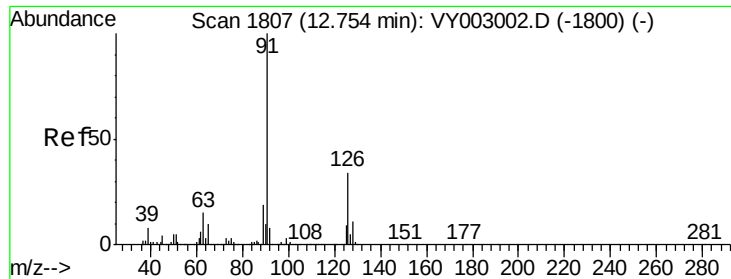
MMDadoda
7/8/2020 12:20:37 PM



#78
n-propylbenzene
Concen: 20.699 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.5	34.5





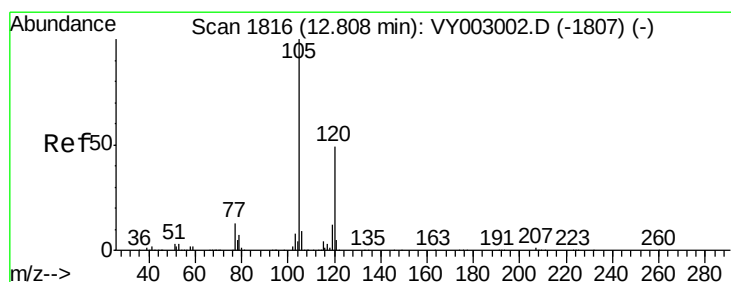
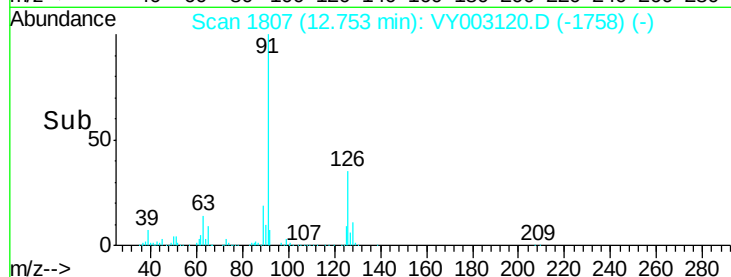
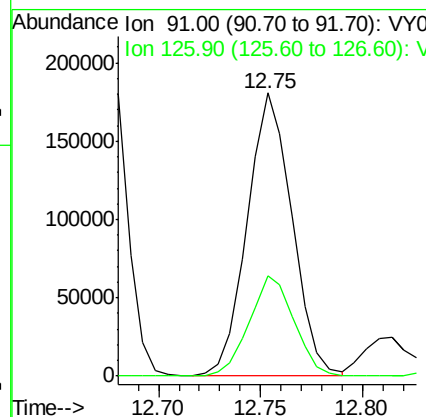
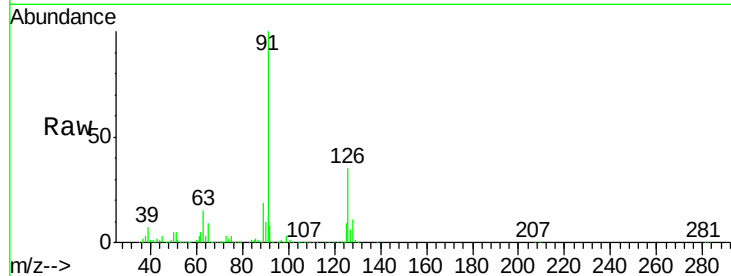
#79
 2-Chlorotoluene
 Concen: 20.862 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.1	51.3

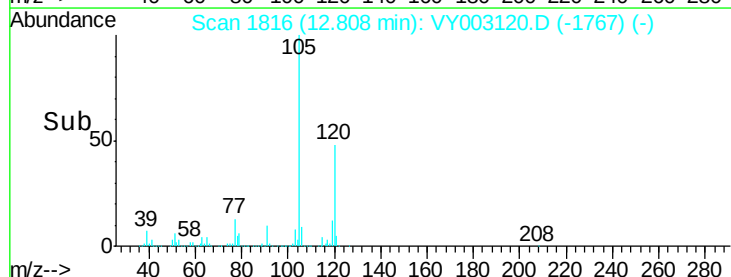
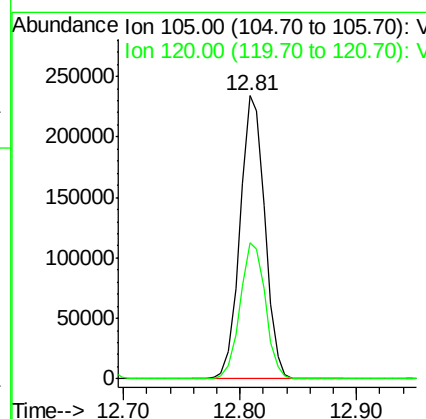
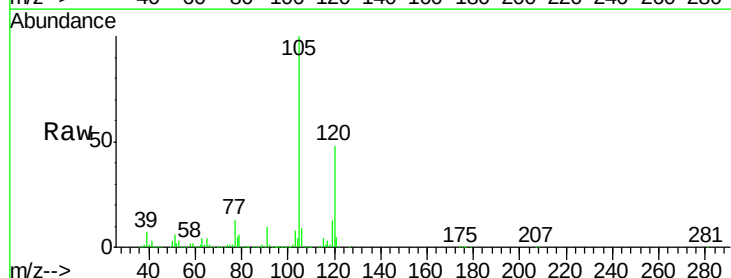
Manual Integrations
 APPROVED

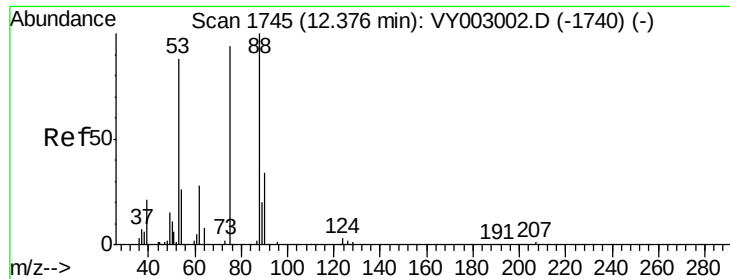
MMDadoda
 7/8/2020 12:20:37 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.002 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.6	73.6





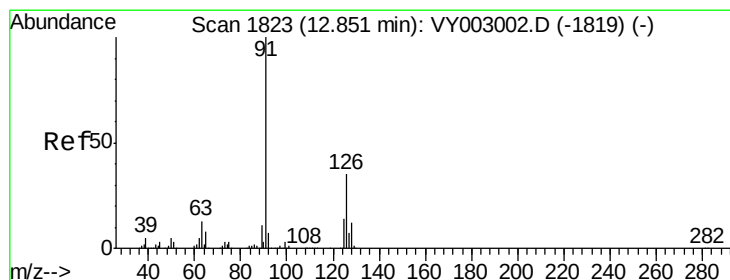
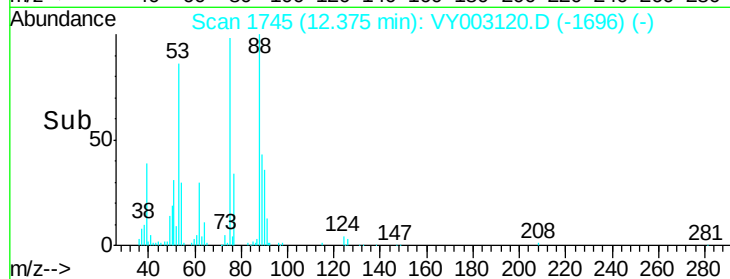
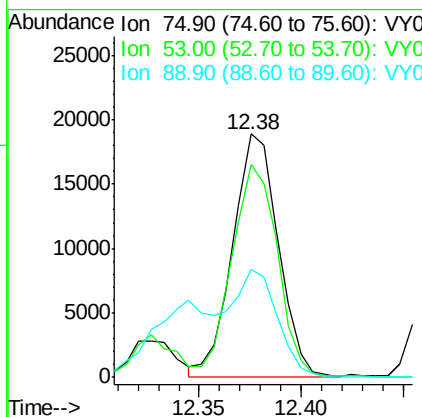
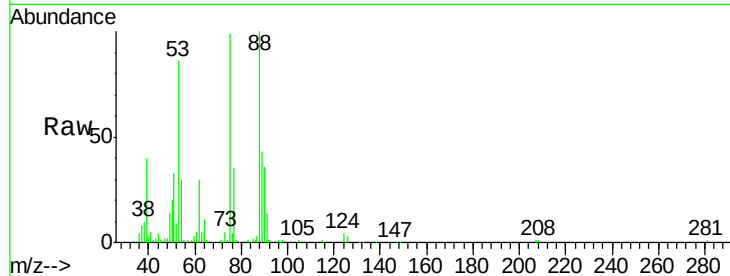
#81
trans-1,4-Dichloro-2-butene
Concen: 18.999 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.0	73.9	110.9
89	45.3	37.5	56.3

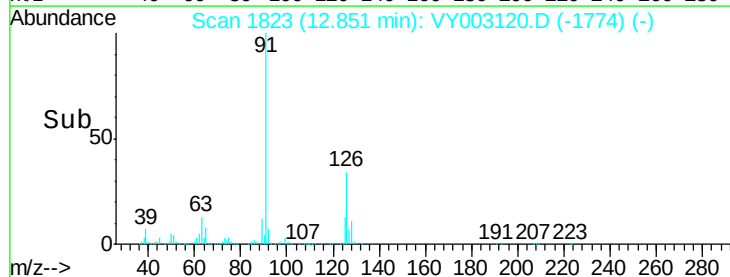
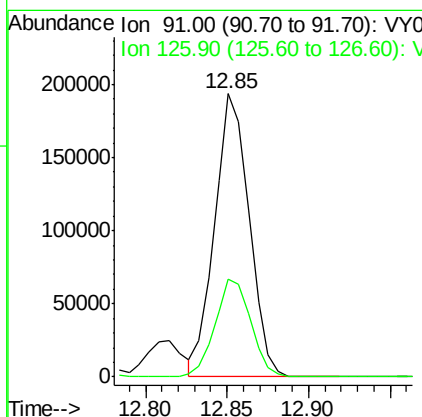
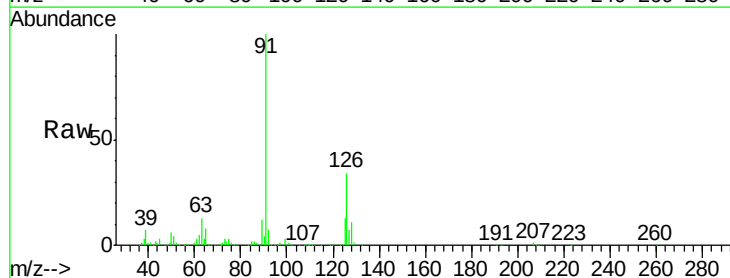
Manual Integrations
APPROVED

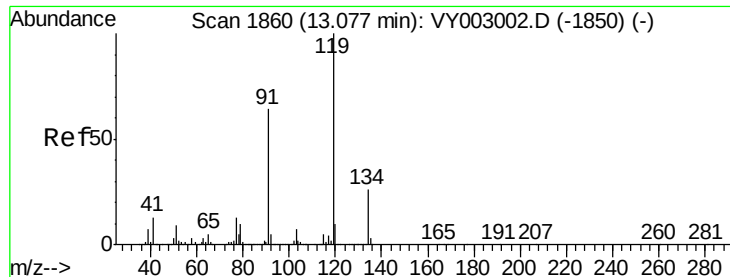
MMDadoda
7/8/2020 12:20:37 PM



#82
4-Chlorotoluene
Concen: 20.700 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.4	52.3





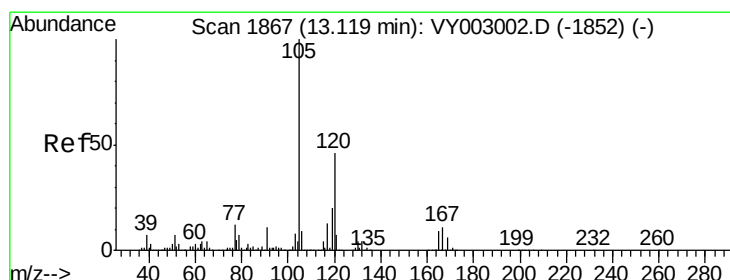
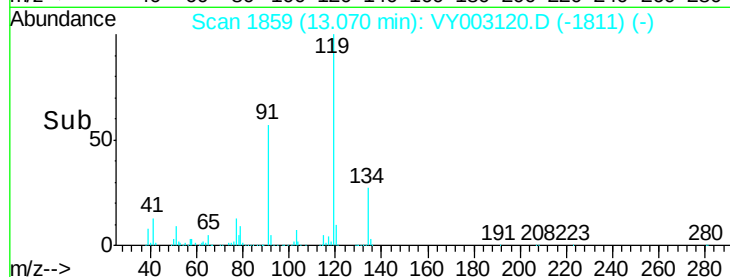
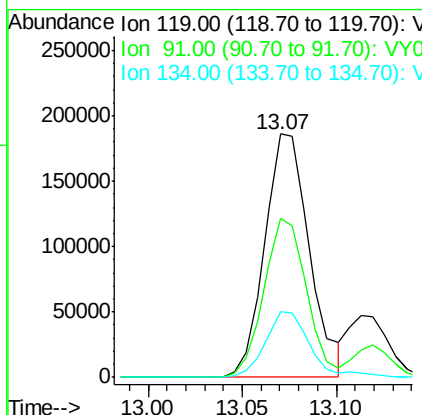
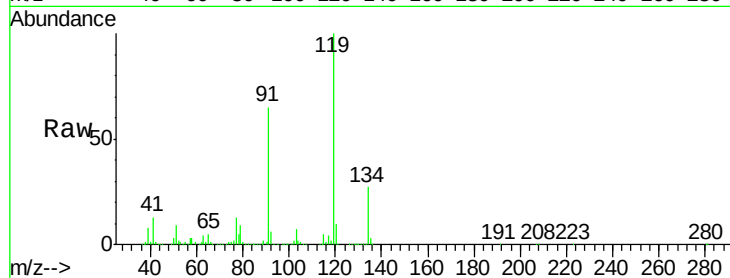
#83
tert-Butylbenzene
Concen: 21.134 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	31.6	95.0
134	27.0	13.2	39.5

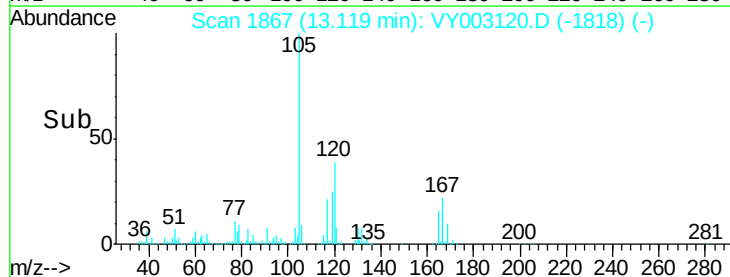
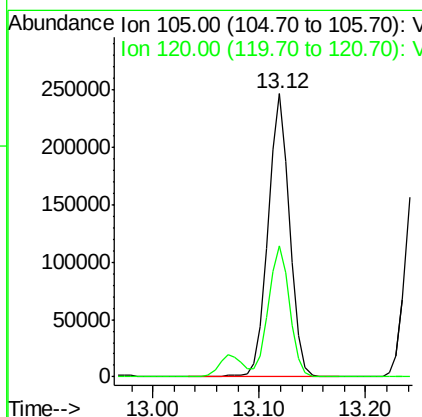
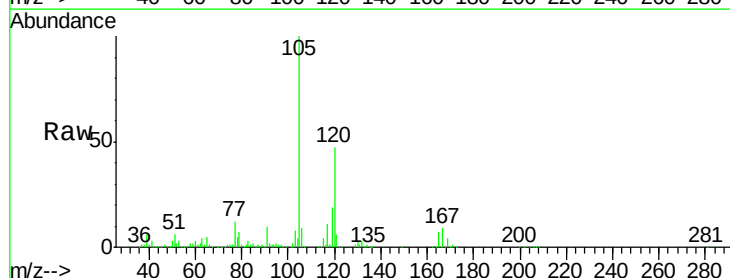
Manual Integrations
APPROVED

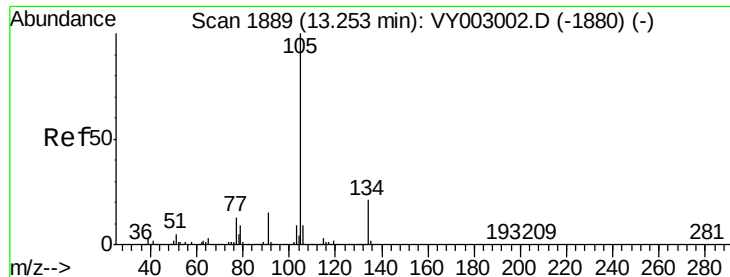
MMDadoda
7/8/2020 12:20:37 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.972 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 21.147 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion:105 Resp: 423030

Ion Ratio Lower Upper

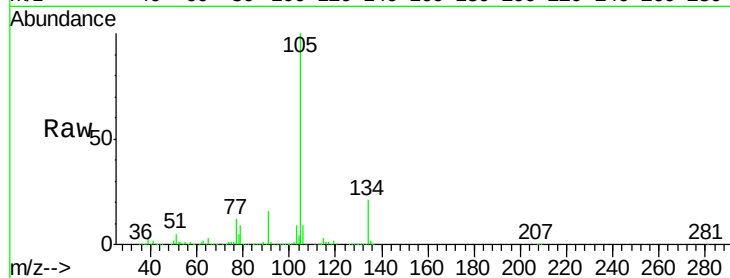
105 100

134 21.2 10.4 31.2

Manual Integrations
APPROVED

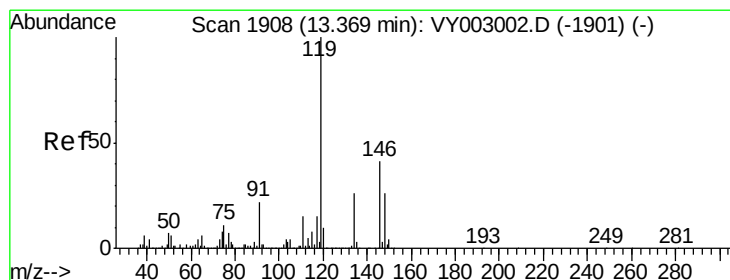
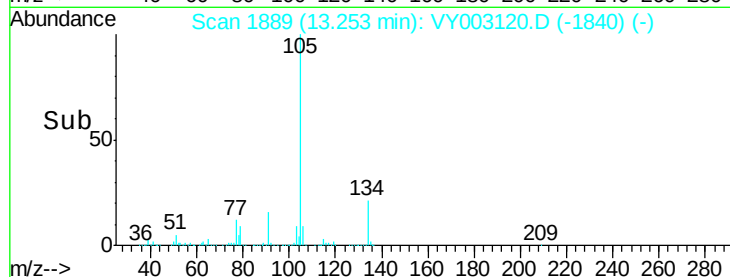
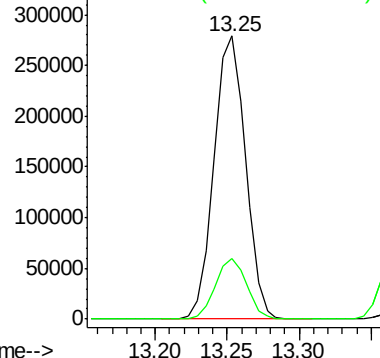
MMDadoda

7/8/2020 12:20:37 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.181 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

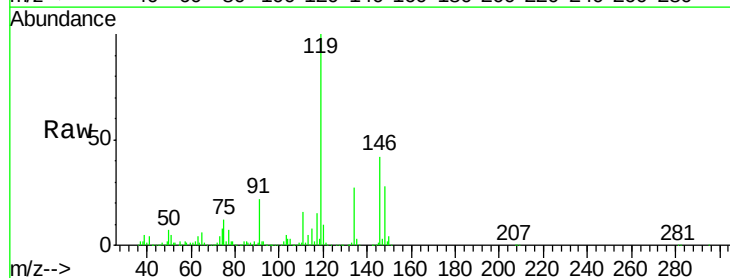
Tgt Ion:119 Resp: 392614

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

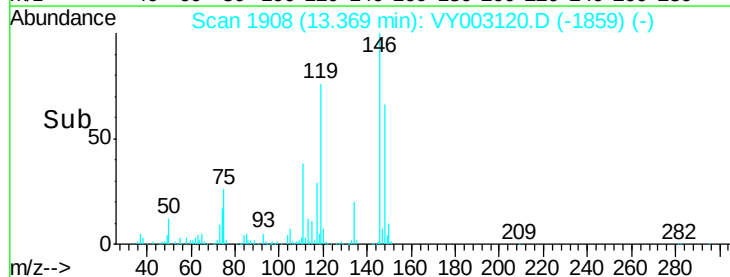
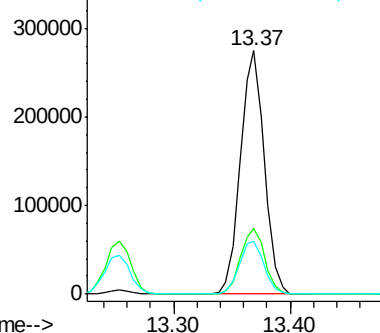
91 22.4 11.5 34.5

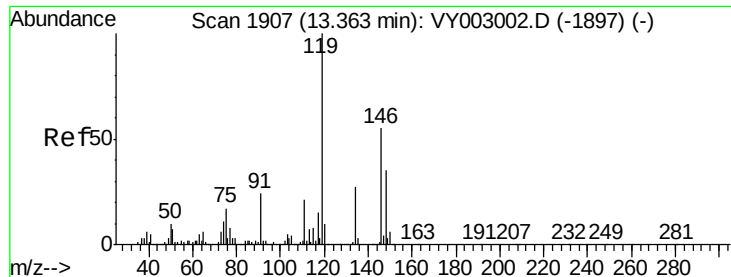


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





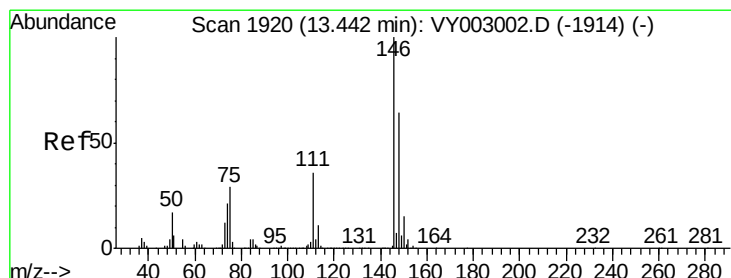
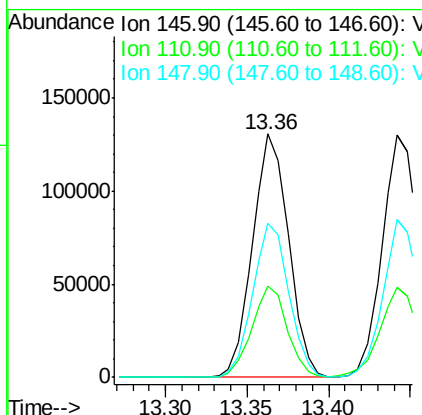
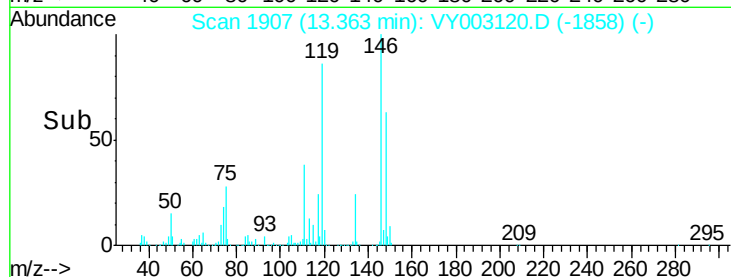
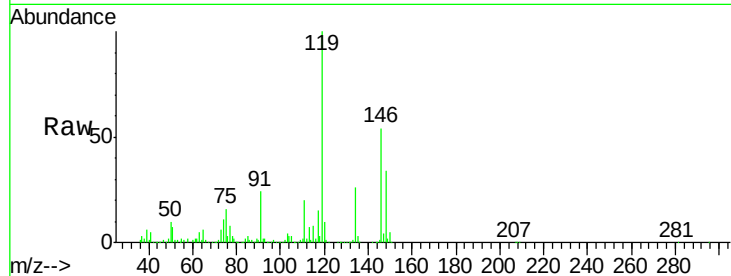
#87
 1,3-Dichlorobenzene
 Concen: 21.311 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.3
148	63.4	31.8	95.3

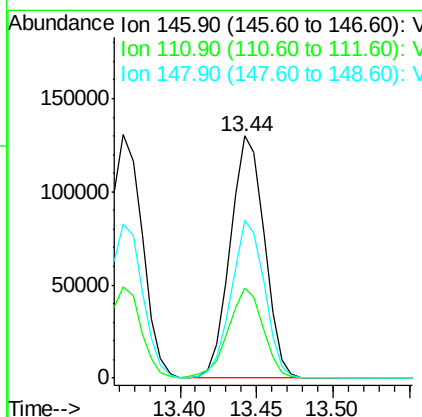
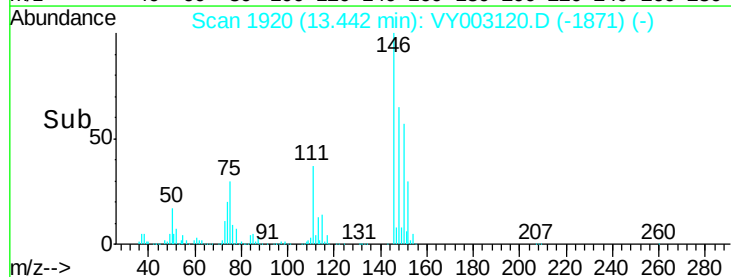
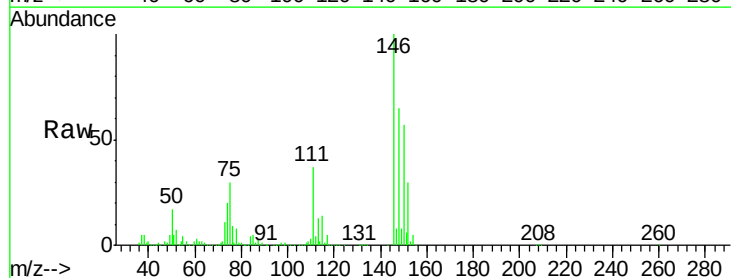
Manual Integrations
 APPROVED

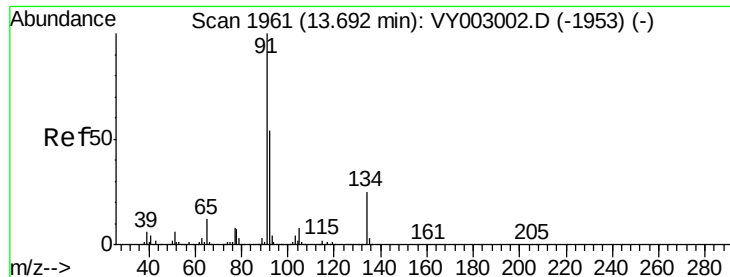
MMDadoda
 7/8/2020 12:20:37 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.654 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.4
148	63.7	32.3	96.9





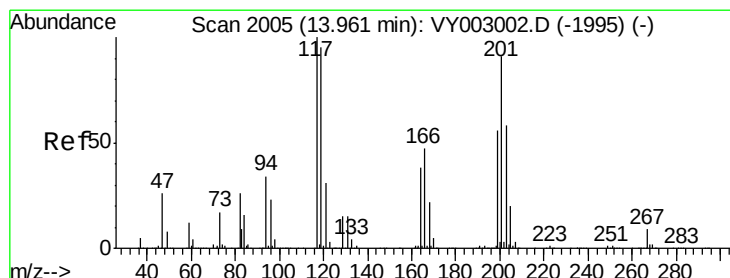
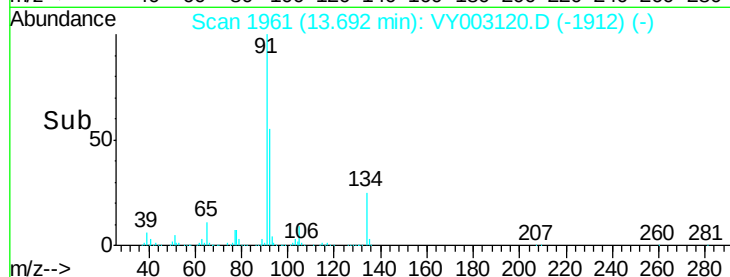
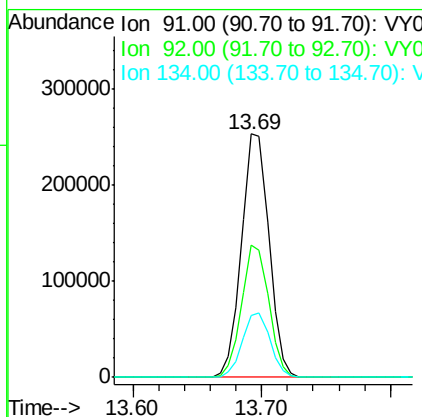
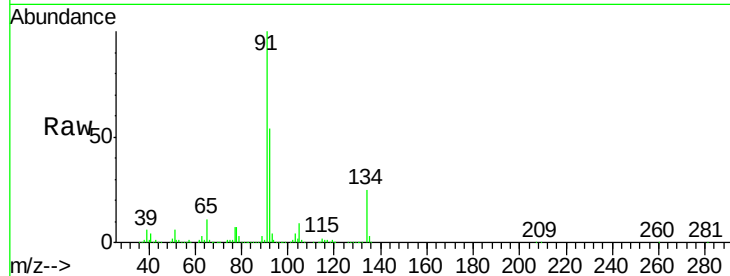
#89
n-Butylbenzene
Concen: 21.080 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.8	80.3
134	26.7	13.1	39.1

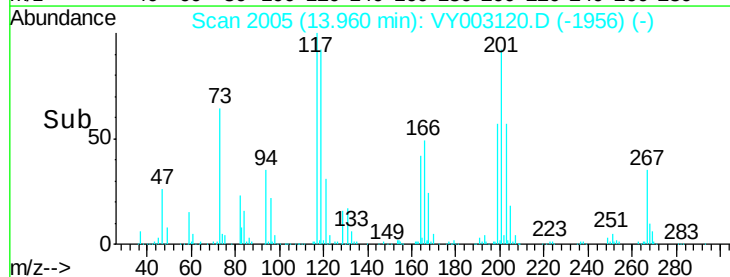
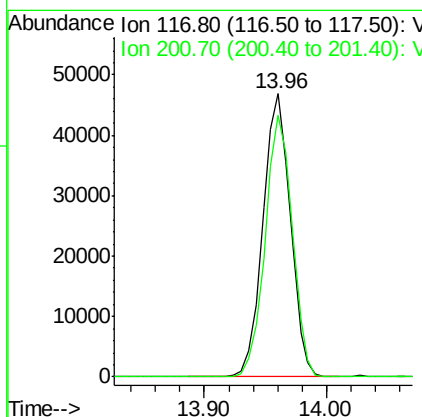
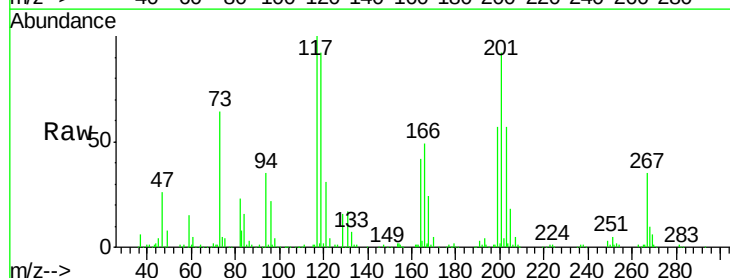
Manual Integrations
APPROVED

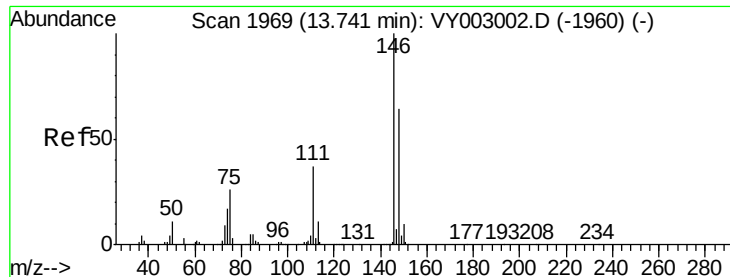
MMDadoda
7/8/2020 12:20:37 PM



#90
Hexachloroethane
Concen: 19.927 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.2	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 21.354 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

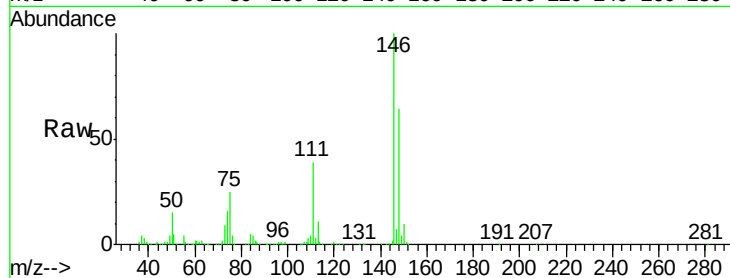
ClientSampleId :

VY0707SBS01

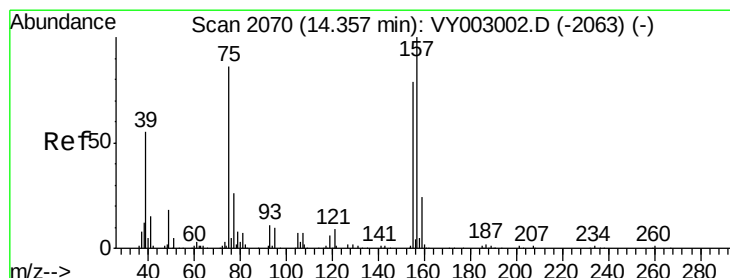
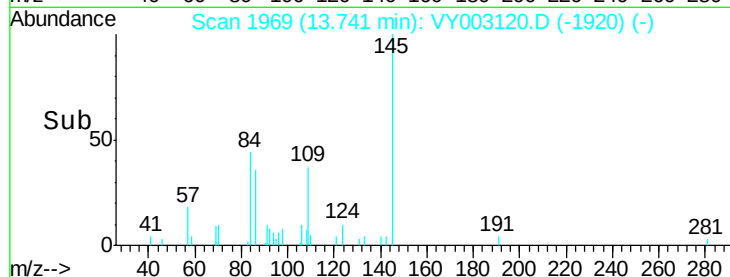
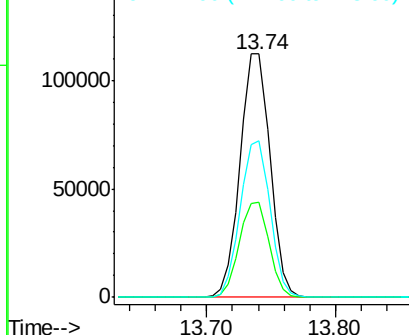
Tot Ion:	146	Resp:	180639
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.1	57.5
148	63.9	31.8	95.3

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:20:37 PM



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.331 ug/l

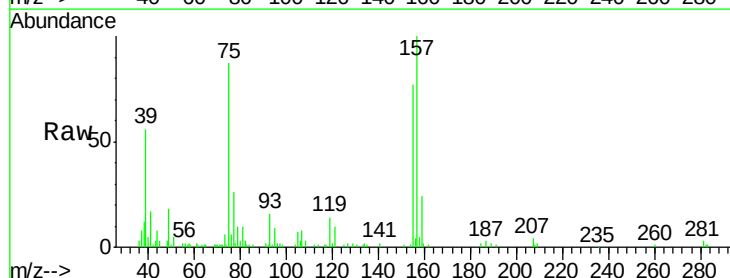
RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

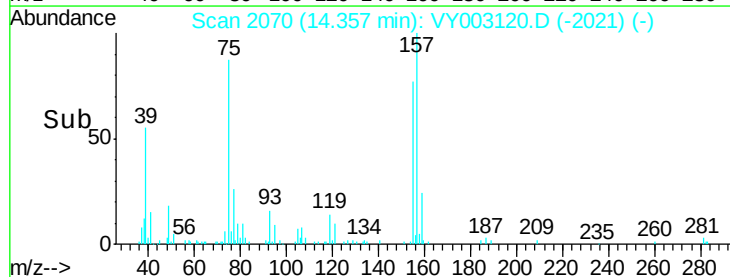
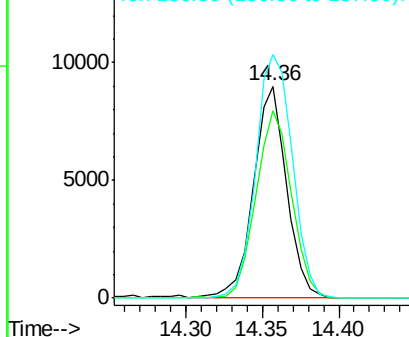
Lab File: VY003120.D

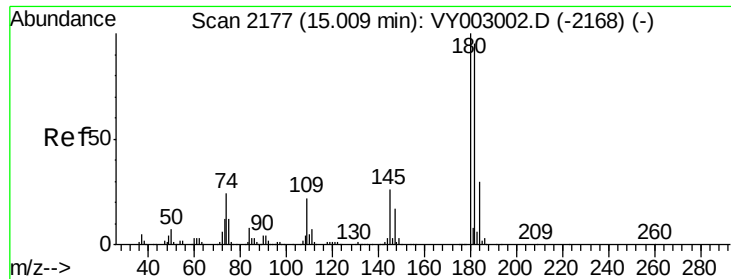
Acq: 07 Jul 2020 12:26

Tgt Ion:	75	Resp:	13602
Ion Ratio	Lower	Upper	
75	100		
155	94.6	46.5	139.3
157	126.7	59.2	177.5



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





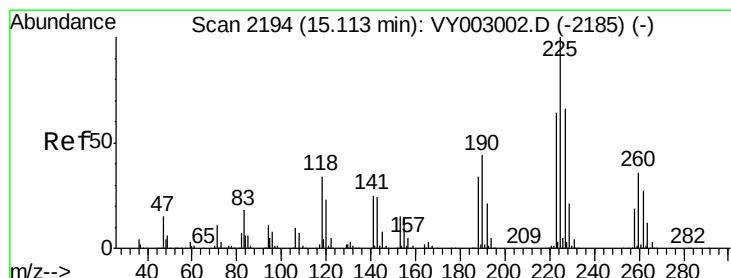
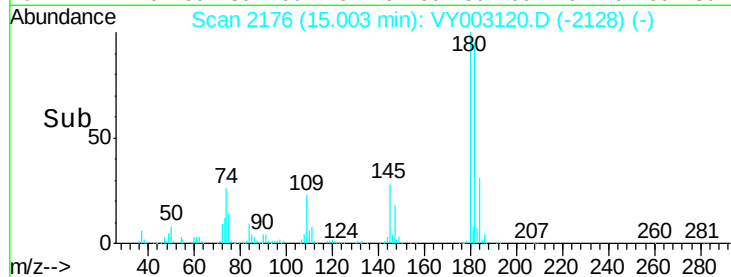
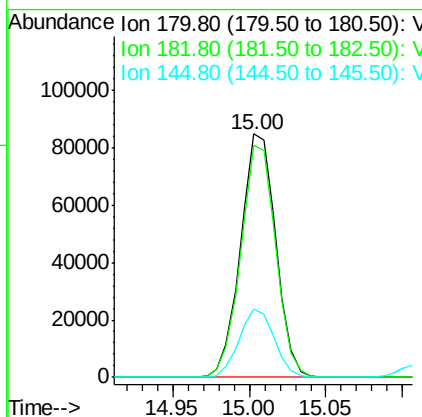
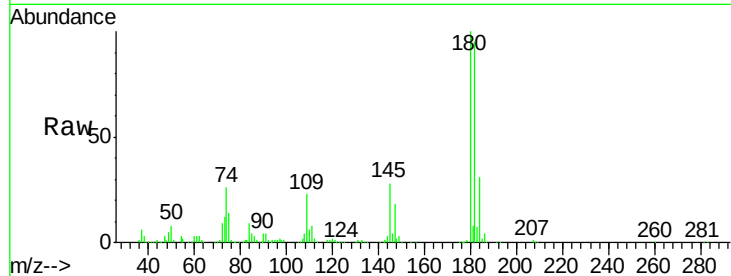
#93
 1,2,4-Trichlorobenzene
 Concen: 21.573 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	135601		
182	94.8	48.1	144.3	
145	27.9	13.9	41.6	

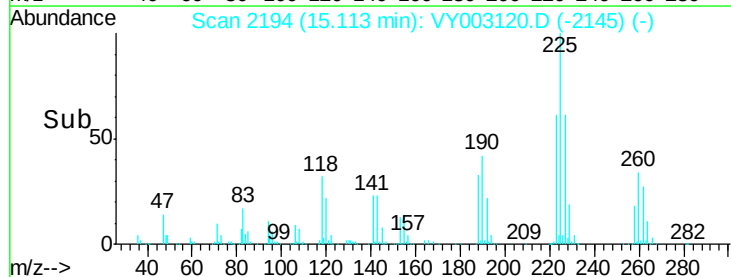
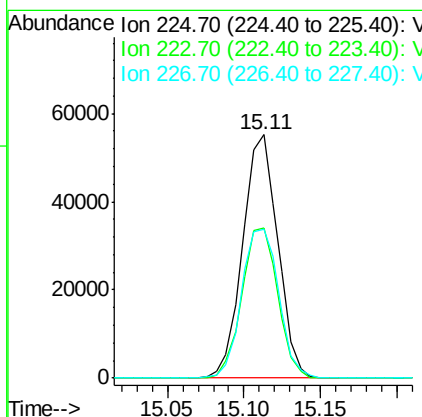
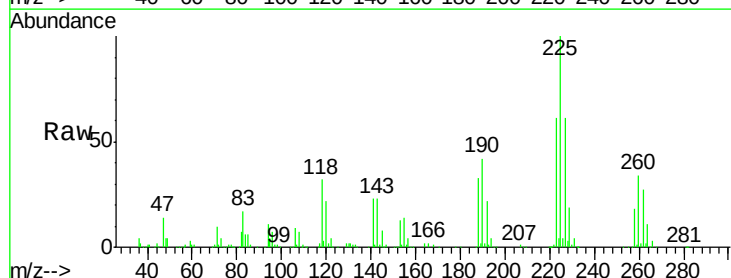
Manual Integrations
 APPROVED

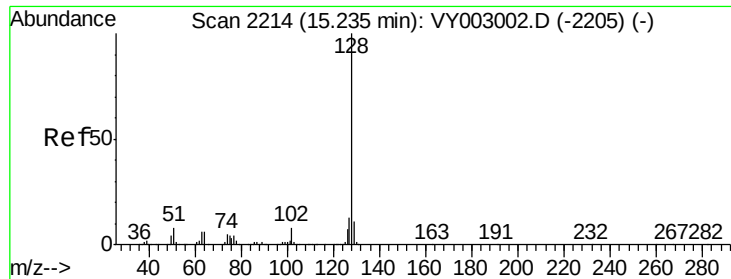
MMDadoda
 7/8/2020 12:20:37 PM



#94
 Hexachlorobutadiene
 Concen: 22.202 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88029		
223	63.1	32.4	97.0	
227	64.8	32.4	97.2	





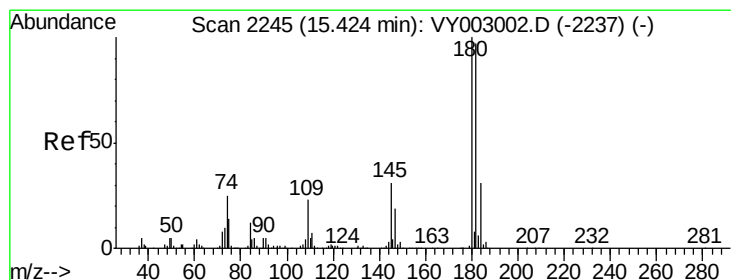
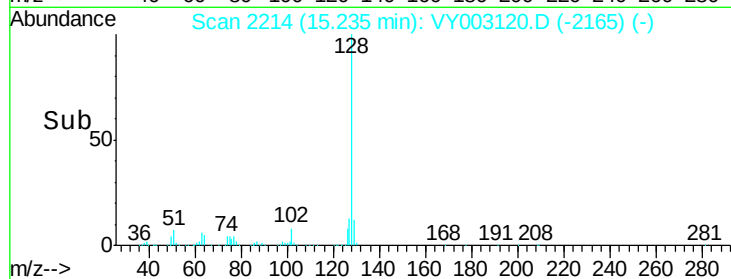
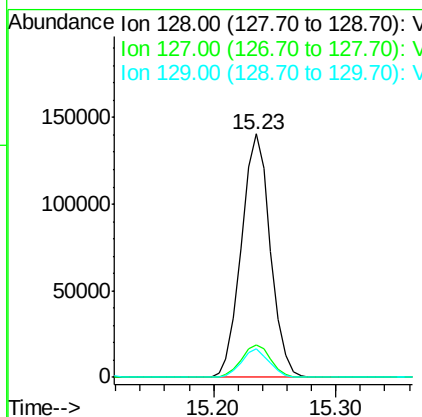
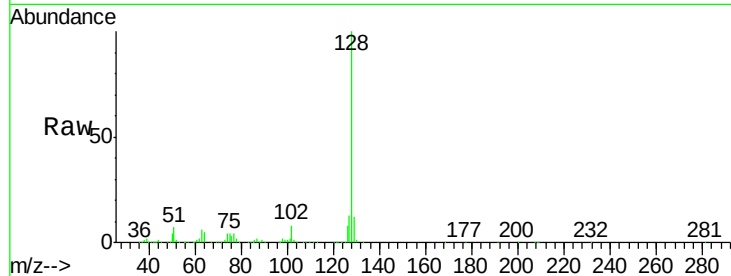
#95
Naphthalene
Concen: 19.997 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	229585		
127	13.6		10.8	16.2
129	11.3		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:20:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.763 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	113326		
182	96.0		47.8	143.3
145	29.5		14.7	44.1

