

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003281.D
 Acq On : 22 Jul 2020 12:21
 Operator : SY/MD
 Sample : VY0722SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 12:23:00 PM

Quant Time: Jul 23 05:57:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	446727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	655460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	601124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	328052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	187081	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	7.72	113	177312	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
50) Toluene-d8	10.18	98	660200	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.48	95	234682	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	73354	22.910	ug/l	97
3) Chloromethane	2.11	50	97419	21.935	ug/l	100
4) Vinyl Chloride	2.26	62	100301	22.012	ug/l	95
5) Bromomethane	2.64	94	76848	22.705	ug/l	99
6) Chloroethane	2.79	64	65281	21.812	ug/l	98
7) Trichlorofluoromethane	3.13	101	145455	22.352	ug/l	97
8) Diethyl Ether	3.53	74	47532	21.798	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	86676	22.054	ug/l	96
10) Methyl Iodide	4.09	142	81588	19.108	ug/l	98
11) Tert butyl alcohol	4.97	59	48864	119.849	ug/l #	72
12) 1,1-Dichloroethene	3.88	96	80133	21.556	ug/l	93
13) Acrolein	3.73	56	27071	76.497	ug/l	98
14) Allyl chloride	4.49	41	133172	24.143	ug/l	94
15) Acrylonitrile	5.18	53	120654	115.184	ug/l	98
16) Acetone	3.95	43	94258	111.916	ug/l	98
17) Carbon Disulfide	4.19	76	251661	22.062	ug/l	98
18) Methyl Acetate	4.49	43	55515	23.735	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	223754	21.479	ug/l	98
20) Methylene Chloride	4.72	84	101870	20.834	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	92420	21.981	ug/l	97
22) Diisopropyl ether	6.12	45	286421	23.397	ug/l	97
23) Vinyl Acetate	6.07	43	917183	112.406	ug/l	100
24) 1,1-Dichloroethane	6.02	63	159836	22.536	ug/l	99
25) 2-Butanone	6.99	43	156394	113.095	ug/l	99
26) 2,2-Dichloropropane	6.99	77	142586	22.324	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	102607	22.165	ug/l	98
28) Bromochloromethane	7.34	49	71125	23.163	ug/l	94
29) Tetrahydrofuran	7.35	42	107567	115.791	ug/l	95
30) Chloroform	7.51	83	160481	21.970	ug/l	100
31) Cyclohexane	7.79	56	151383	22.073	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	144314	21.945	ug/l	100
36) 1,1-Dichloropropene	7.92	75	125593	21.141	ug/l	99
37) Ethyl Acetate	7.08	43	73607	23.008	ug/l	98
38) Carbon Tetrachloride	7.91	117	130959	21.354	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003281.D
 Acq On : 22 Jul 2020 12:21
 Operator : SY/MD
 Sample : VY0722SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 12:23:00 PM

Quant Time: Jul 23 05:57:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	155700	20.864	ug/l	97
40) Benzene	8.16	78	359923	22.004	ug/l	96
41) Methacrylonitrile	7.33	41	46042m	23.896	ug/l	
42) 1,2-Dichloroethane	8.24	62	108902	21.626	ug/l	100
43) Isopropyl Acetate	8.28	43	133068	21.489	ug/l	99
44) Trichloroethene	8.94	130	101222	20.186	ug/l	98
45) 1,2-Dichloropropane	9.22	63	91674	21.659	ug/l	95
46) Dibromomethane	9.31	93	52076	21.066	ug/l	98
47) Bromodichloromethane	9.50	83	128362	21.832	ug/l	99
48) Methyl methacrylate	9.29	41	58531	21.143	ug/l	98
49) 1,4-Dioxane	9.30	88	14080	448.768	ug/l #	85
51) 4-Methyl-2-Pentanone	10.07	43	355966	110.594	ug/l	97
52) Toluene	10.24	92	224535	21.476	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	131016	21.508	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	152818	21.773	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	72771	20.774	ug/l	99
56) Ethyl methacrylate	10.51	69	100468	21.096	ug/l	96
57) 1,3-Dichloropropane	10.79	76	126129	21.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	263688	108.564	ug/l	98
59) 2-Hexanone	10.83	43	245732	109.366	ug/l	96
60) Dibromochloromethane	10.99	129	93090	21.128	ug/l	99
61) 1,2-Dibromoethane	11.09	107	71731	20.747	ug/l	98
64) Tetrachloroethene	10.72	164	103927	19.390	ug/l	97
65) Chlorobenzene	11.52	112	246947	21.325	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	96372	21.427	ug/l	99
67) Ethyl Benzene	11.59	91	438752	21.220	ug/l	98
68) m/p-Xylenes	11.70	106	335600	42.777	ug/l	100
69) o-Xylene	12.03	106	155732	21.248	ug/l	98
70) Styrene	12.04	104	271040	21.618	ug/l	100
71) Bromoform	12.20	173	60539	20.508	ug/l	97
73) Isopropylbenzene	12.33	105	431136	20.623	ug/l	99
74) N-amyl acetate	12.14	43	122706	20.919	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	85414	21.154	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	61151m	21.059	ug/l	
77) Bromobenzene	12.61	156	108323	20.327	ug/l	99
78) n-propylbenzene	12.67	91	513824	20.851	ug/l	100
79) 2-Chlorotoluene	12.75	91	287805	20.933	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	365384	20.970	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	29779	19.958	ug/l	97
82) 4-Chlorotoluene	12.85	91	298716	20.816	ug/l	100
83) tert-Butylbenzene	13.07	119	322666	20.987	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	366910	20.929	ug/l	99
85) sec-Butylbenzene	13.25	105	449478	21.271	ug/l	100
86) p-Isopropyltoluene	13.37	119	410550	20.808	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	208085	20.649	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	208265	20.875	ug/l	99
89) n-Butylbenzene	13.69	91	399078	21.504	ug/l	98
90) Hexachloroethane	13.96	117	77659	21.614	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	186433	21.081	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14236	21.748	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
Data File : VY003281.D
Acq On : 22 Jul 2020 12:21
Operator : SY/MD
Sample : VY0722SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

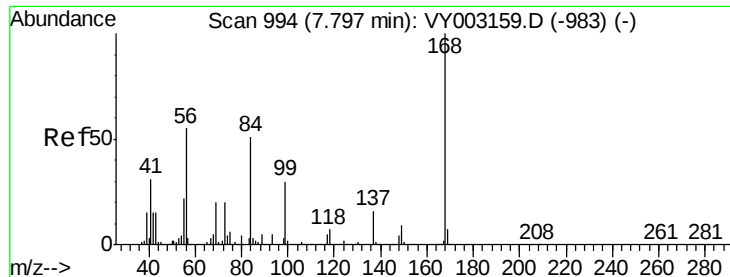
Manual Integrations
APPROVED

MMDadoda
7/23/2020 12:23:00 PM

Quant Time: Jul 23 05:57:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	130455	20.736	ug/l	99
94) Hexachlorobutadiene	15.11	225	91286	21.176	ug/l	99
95) Naphthalene	15.23	128	219148	21.077	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	105202	21.154	ug/l	99

(#) = 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: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

Tot Ion:168 Resp: 446727

Ion Ratio Lower Upper

168 100

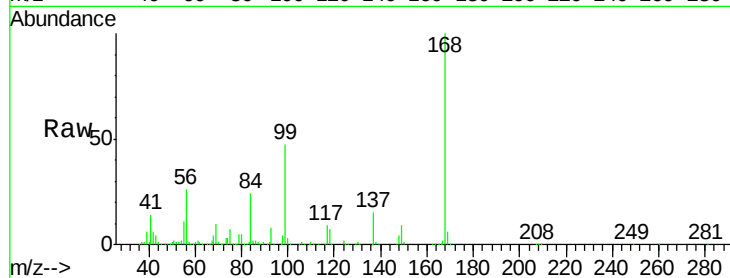
99 47.5 37.3 55.9

Manual Integrations

APPROVED

MMDadoda

7/23/2020 12:23:00 PM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

150000

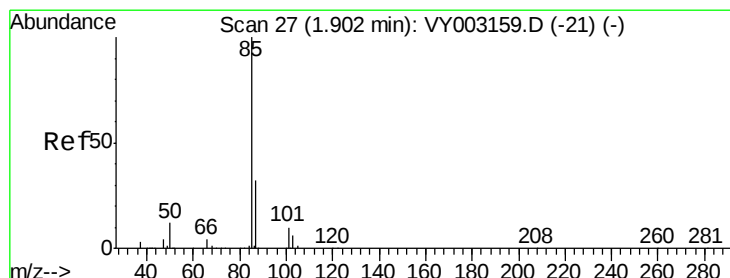
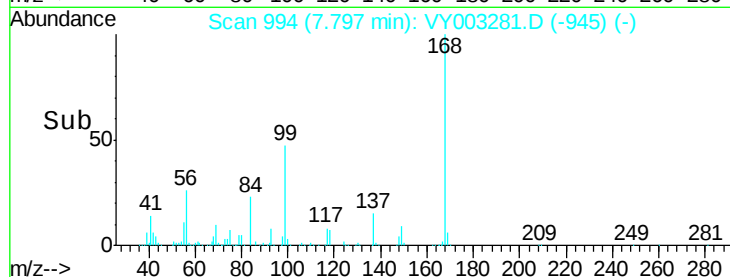
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.910 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003281.D

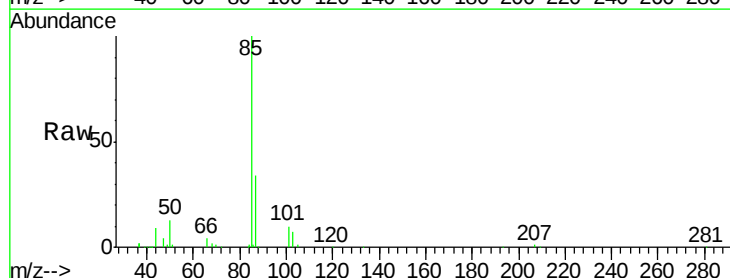
Acq: 22 Jul 2020 12:21

Tgt Ion: 85 Resp: 73354

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

50000

40000

30000

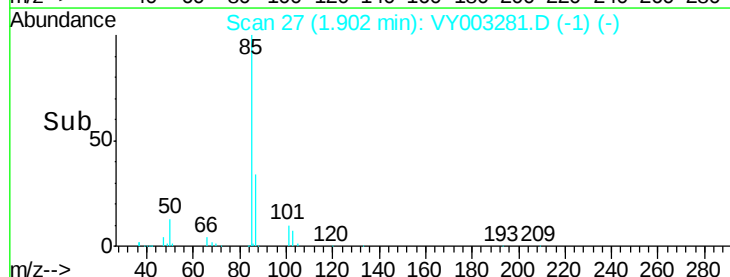
20000

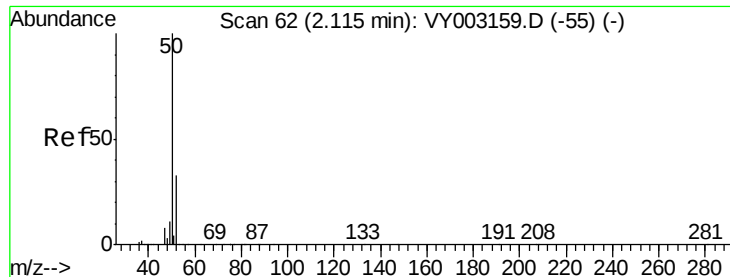
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.935 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

Tot Ion: 50 Resp: 97419

Ion Ratio Lower Upper

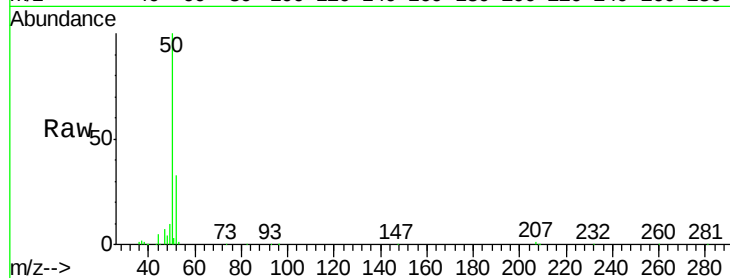
50 100

52 33.4 26.6 39.8

Manual Integrations
APPROVED

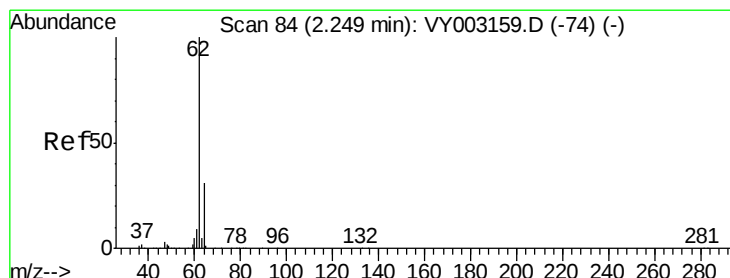
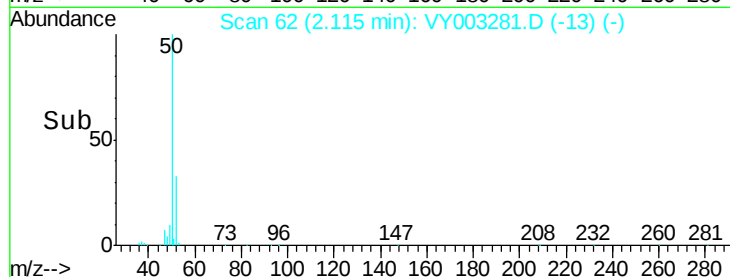
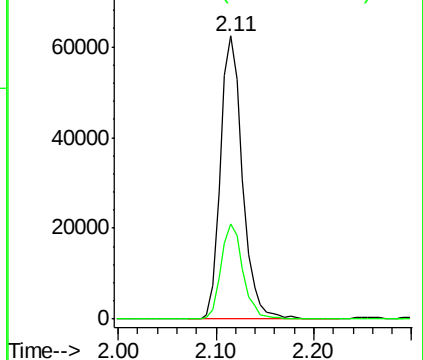
MMDadoda

7/23/2020 12:23:00 PM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.012 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003281.D

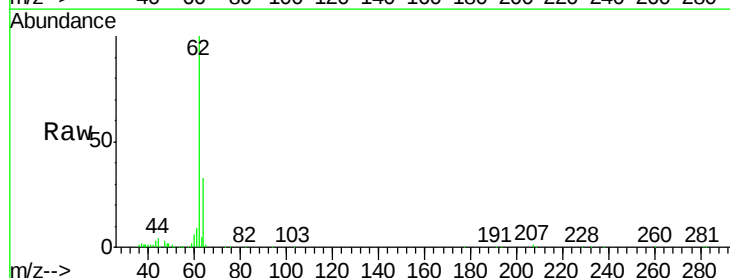
Acq: 22 Jul 2020 12:21

Tgt Ion: 62 Resp: 100301

Ion Ratio Lower Upper

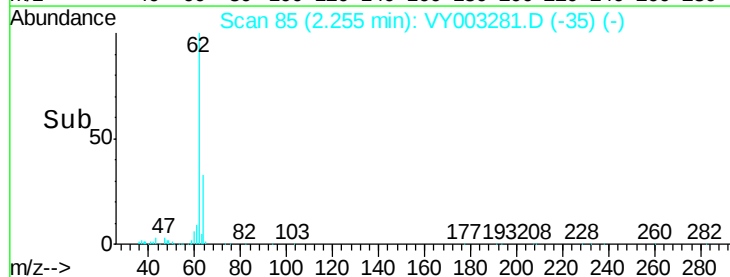
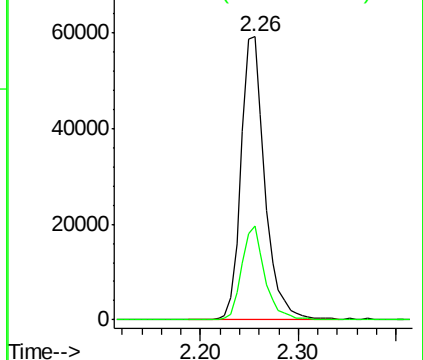
62 100

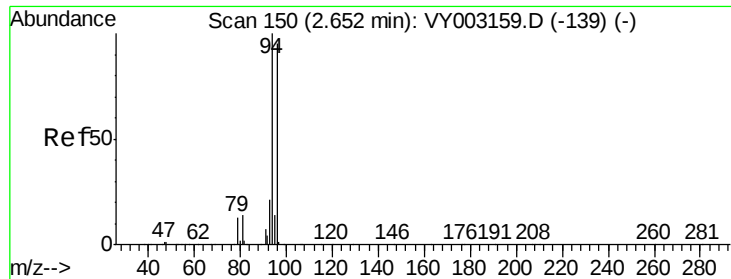
64 33.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.705 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

Tot Ion: 94 Resp: 76848

Ion Ratio Lower Upper

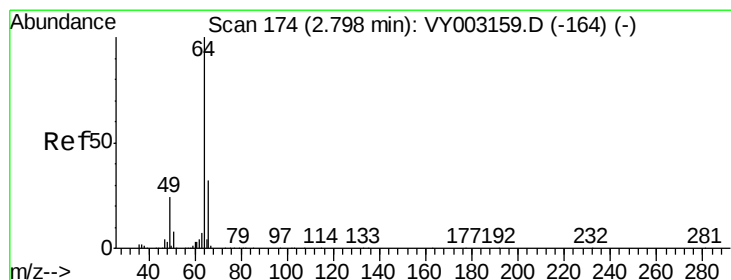
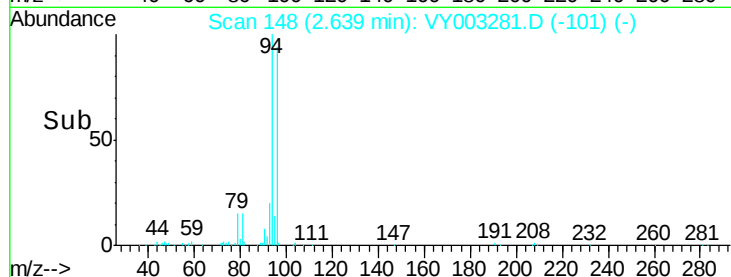
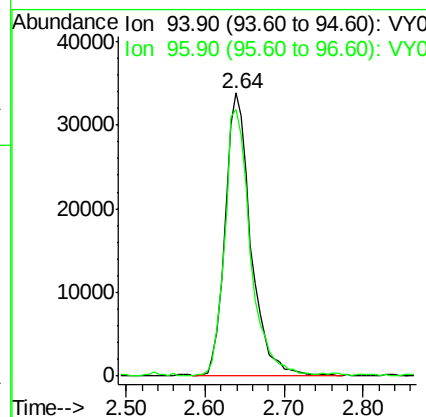
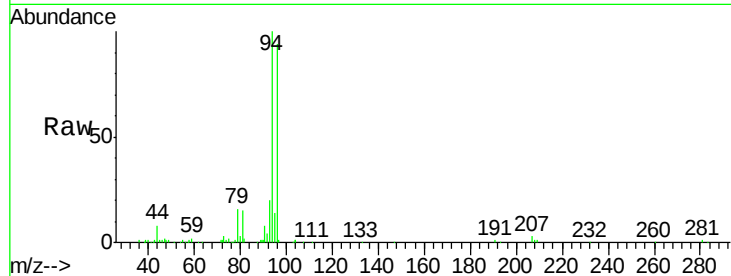
94 100

96 94.1 76.0 114.0

Manual Integrations
APPROVED

MMDadoda

7/23/2020 12:23:00 PM



#6

Chloroethane

Concen: 21.812 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003281.D

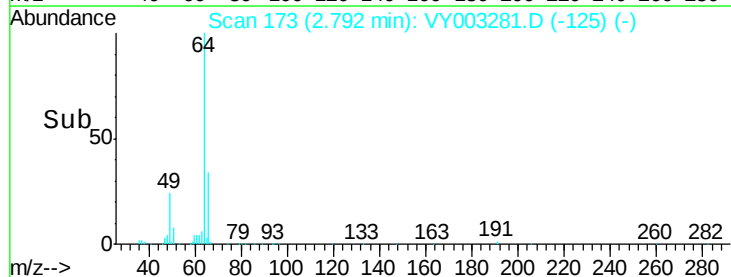
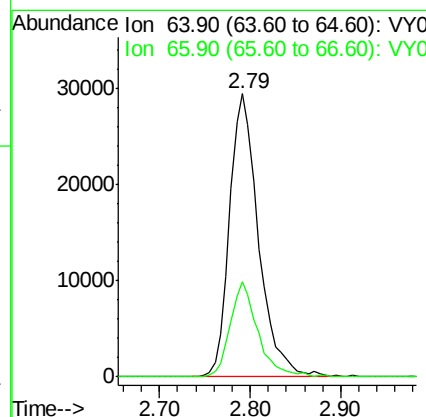
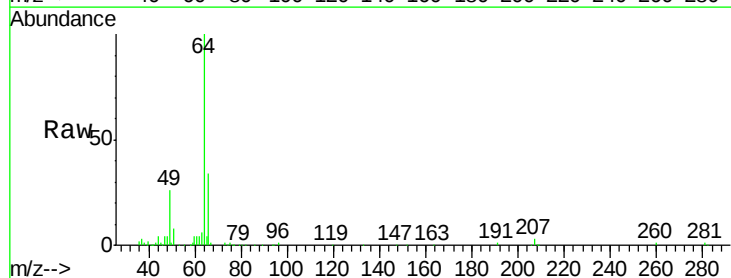
Acq: 22 Jul 2020 12:21

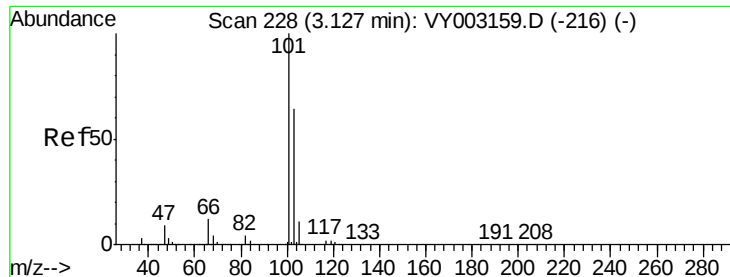
Tgt Ion: 64 Resp: 65281

Ion Ratio Lower Upper

64 100

66 33.6 26.0 39.0





#7

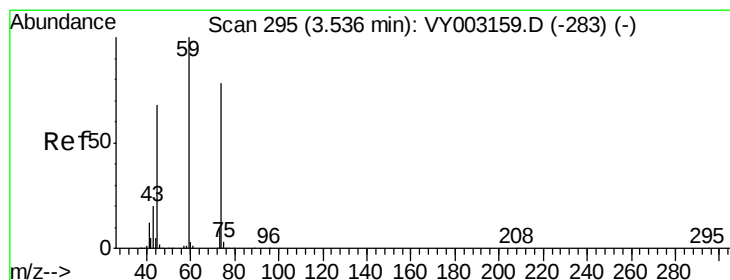
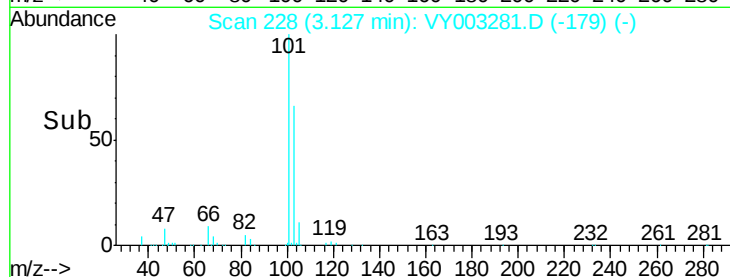
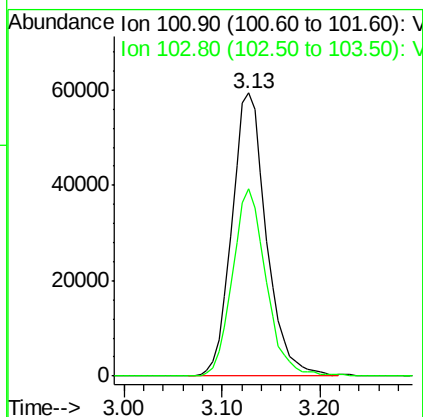
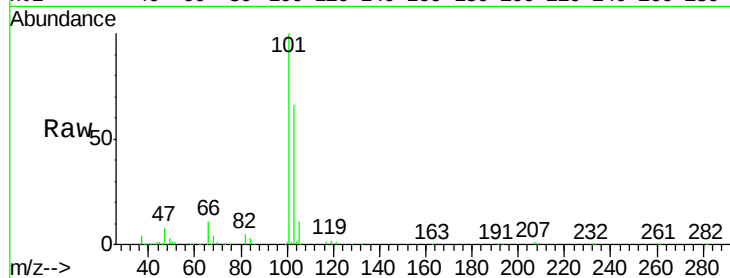
Trichlorofluoromethane
 Concen: 22.352 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.3	76.9

Manual Integrations
 APPROVED

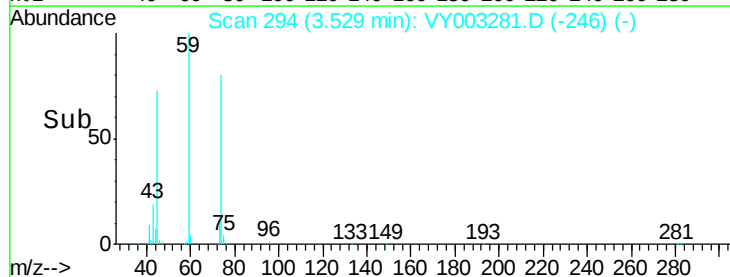
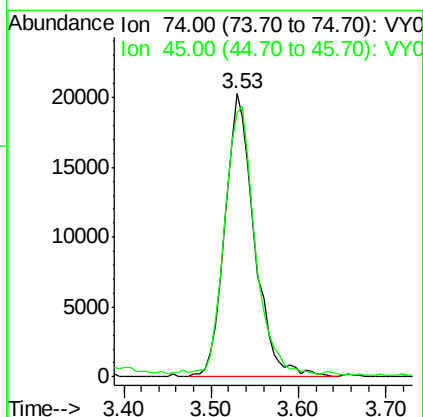
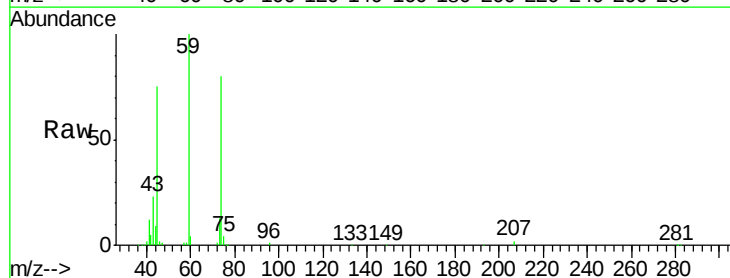
MMDadoda
 7/23/2020 12:23:00 PM

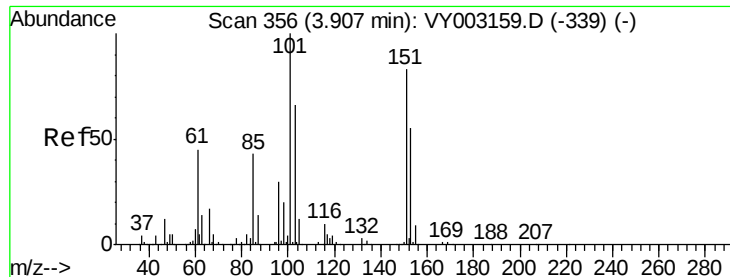


#8

Diethyl Ether
 Concen: 21.798 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.054 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

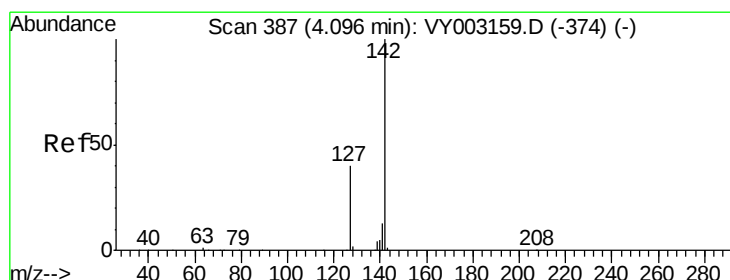
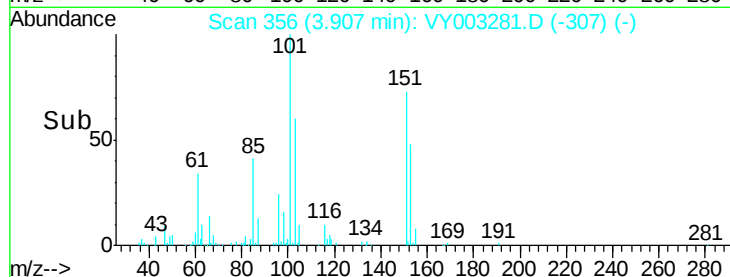
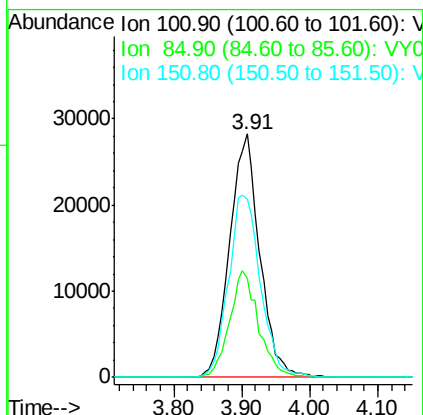
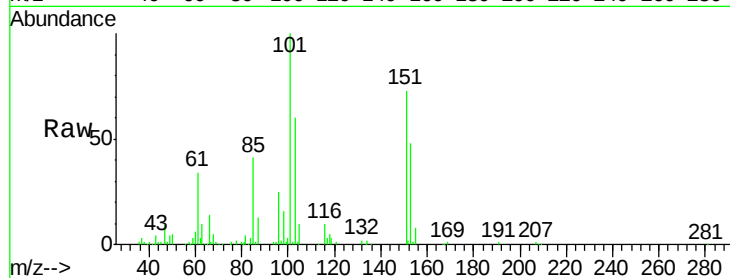
ClientSampleId :

VY0722SBS01

Tot Ion:	101	Resp:	86676
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.9	52.3
151	79.6	67.0	100.6

Manual Integrations
APPROVED

MMDadoda
7/23/2020 12:23:00 PM



#10

Methyl Iodide

Concen: 19.108 ug/l

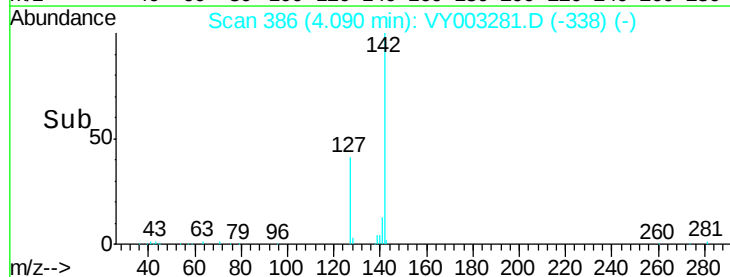
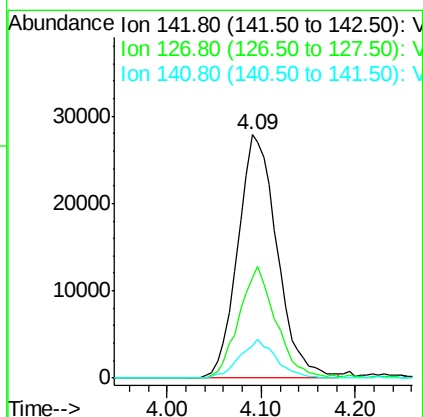
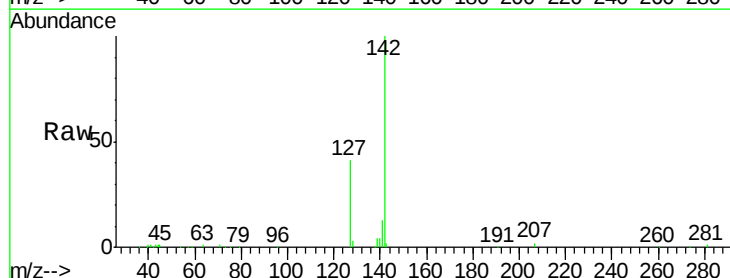
RT: 4.09 min Scan# 386

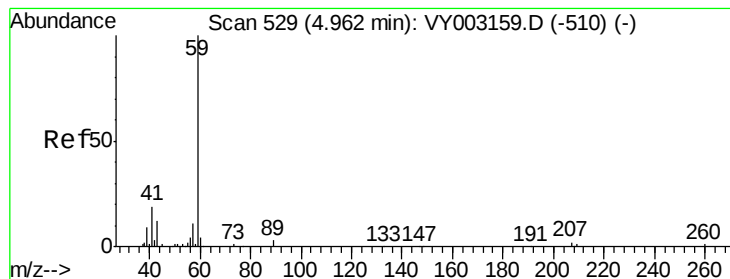
Delta R.T. -0.01 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Tgt Ion:	142	Resp:	81588
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.5	50.3
141	14.8	11.2	16.8





#11

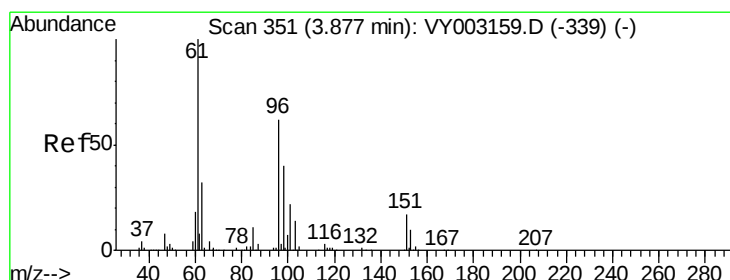
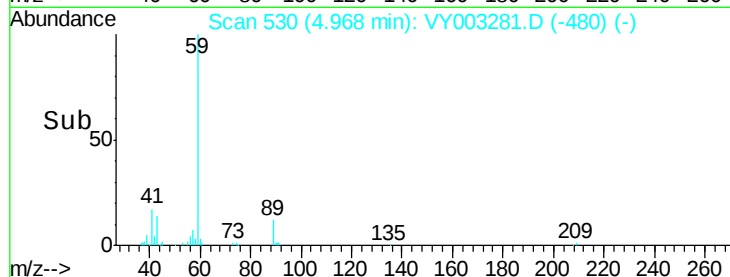
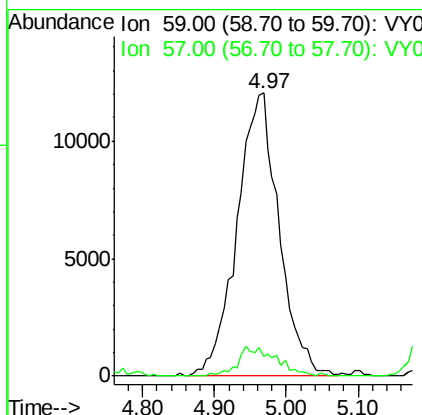
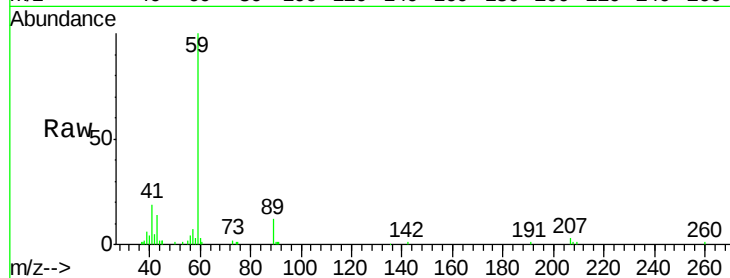
Tert butyl alcohol
 Concen: 119.849 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

Manual Integrations
 APPROVED

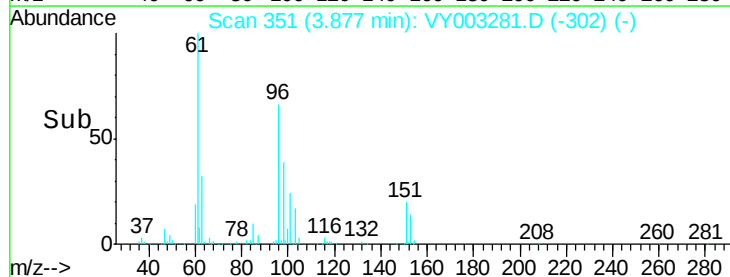
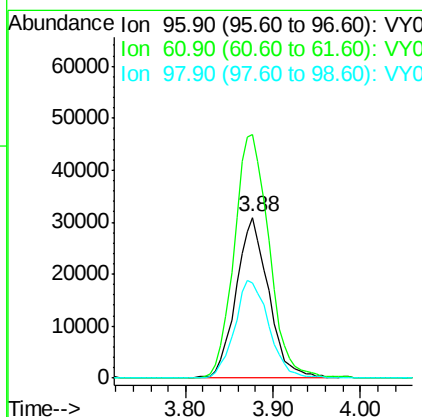
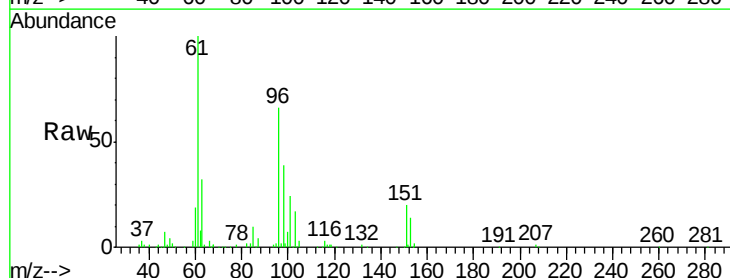
MMDadoda
 7/23/2020 12:23:00 PM

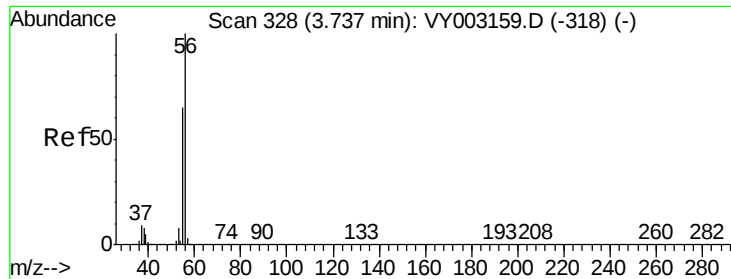


#12

1,1-Dichloroethene
 Concen: 21.556 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.4	128.6	193.0
98	59.3	51.6	77.4





#13

Acrolein

Concen: 76.497 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

Tot Ion: 56 Resp: 27071

Ion Ratio Lower Upper

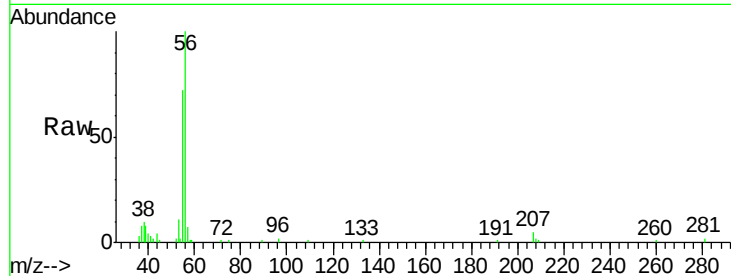
56 100

55 72.0 56.0 84.0

Manual Integrations
APPROVED

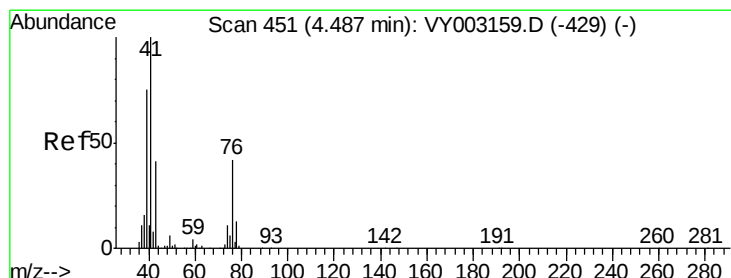
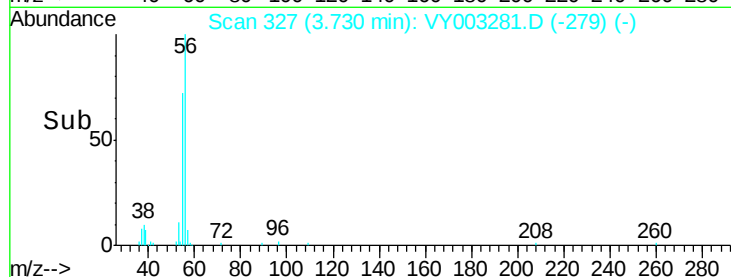
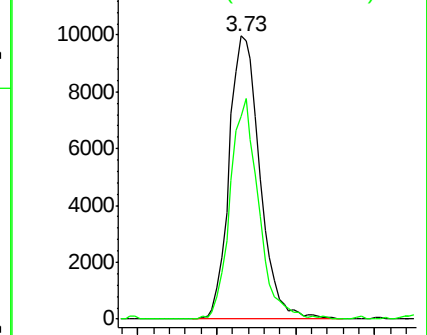
MMDadoda

7/23/2020 12:23:00 PM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 24.143 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

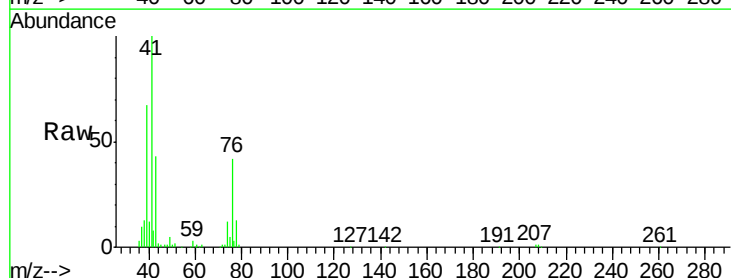
Tgt Ion: 41 Resp: 133172

Ion Ratio Lower Upper

41 100

39 64.9 56.6 85.0

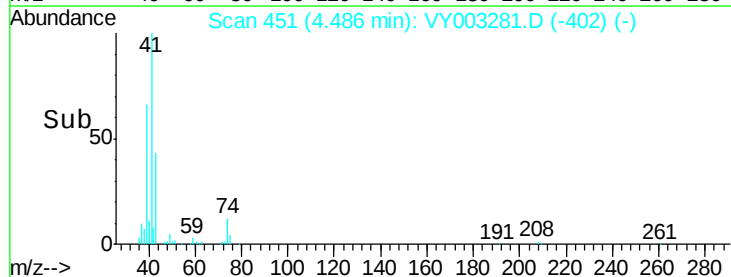
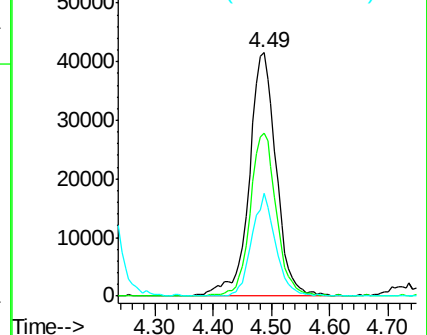
76 36.9 31.6 47.4

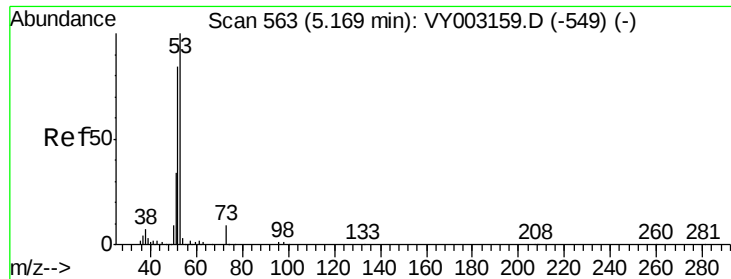


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 115.184 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

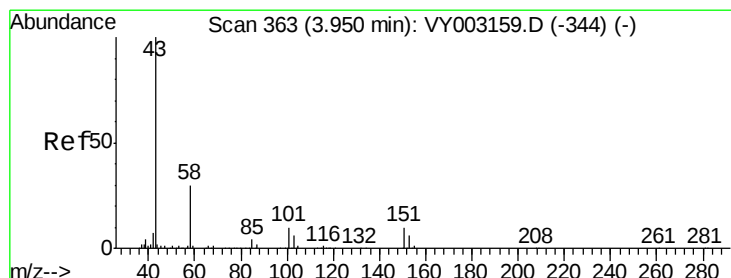
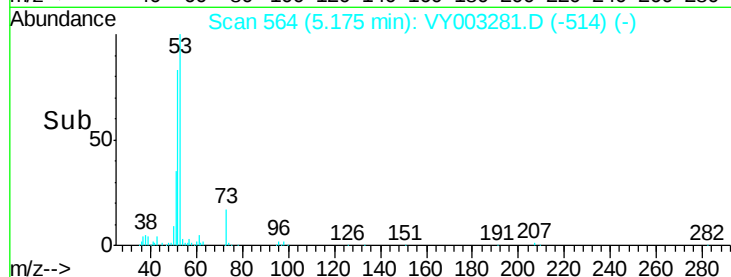
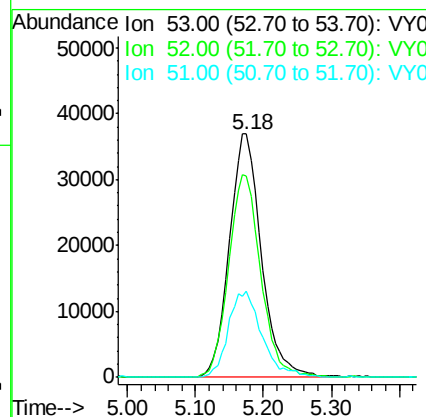
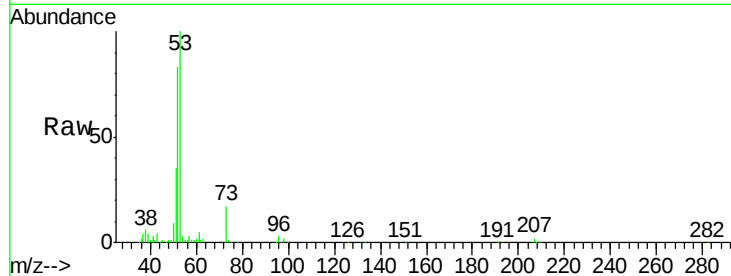
ClientSampleId :

VY0722SBS01

Tot Ion:	53	Resp:	120654
Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.8	98.6
51	37.0	29.0	43.4

Manual Integrations
APPROVED

MMDadoda
7/23/2020 12:23:00 PM



#16

Acetone

Concen: 111.916 ug/l

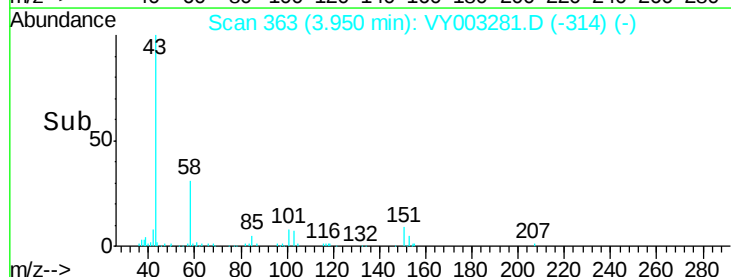
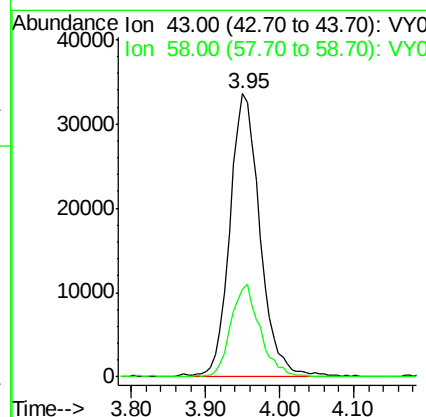
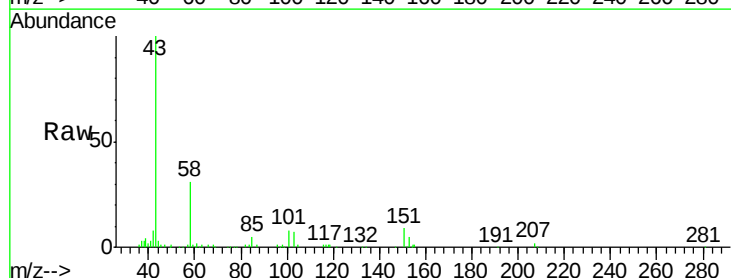
RT: 3.95 min Scan# 363

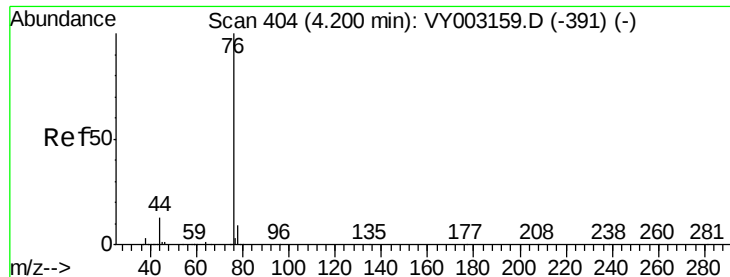
Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Tgt Ion:	43	Resp:	94258
Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.8	35.6





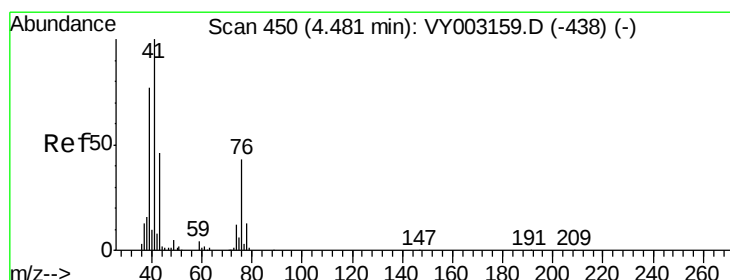
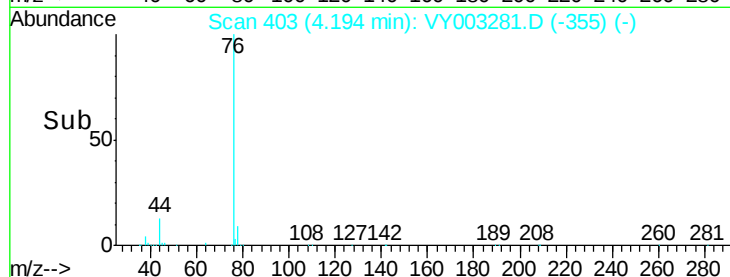
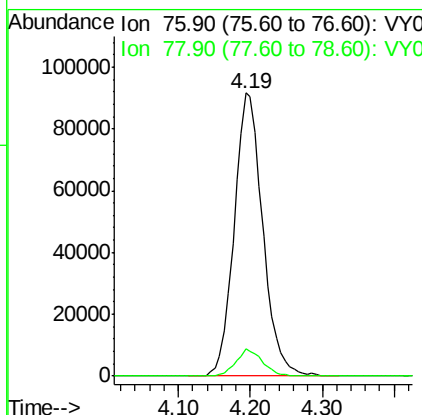
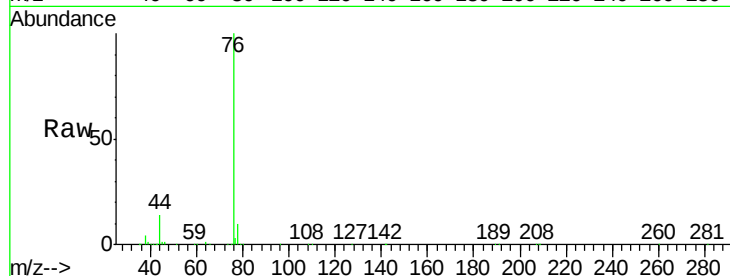
#17
Carbon Disulfide
Concen: 22.062 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9

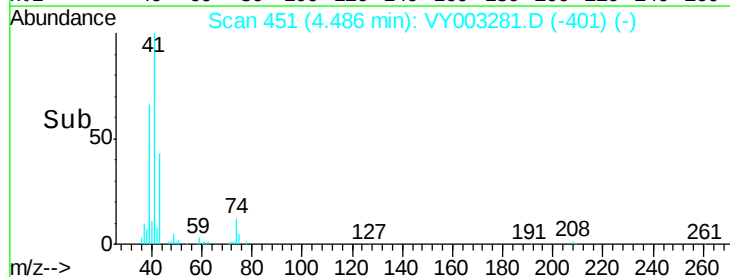
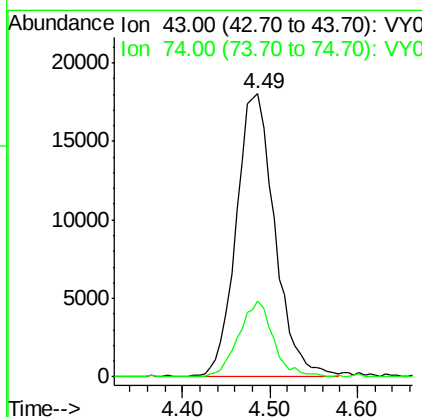
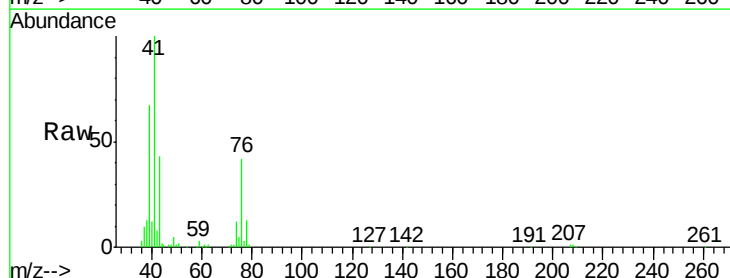
Manual Integrations
APPROVED

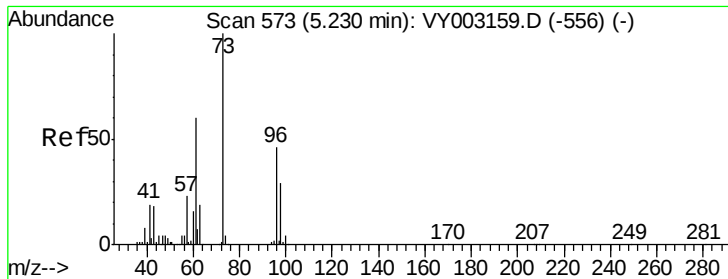
MMDadoda
7/23/2020 12:23:00 PM



#18
Methyl Acetate
Concen: 23.735 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	20.8	31.2





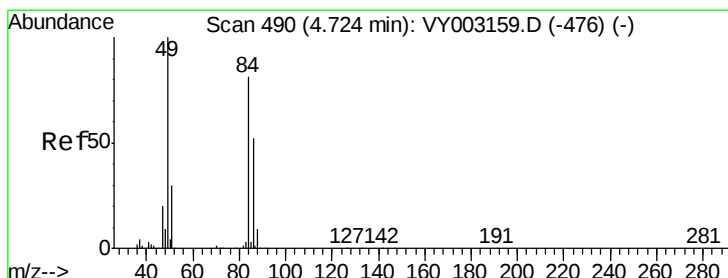
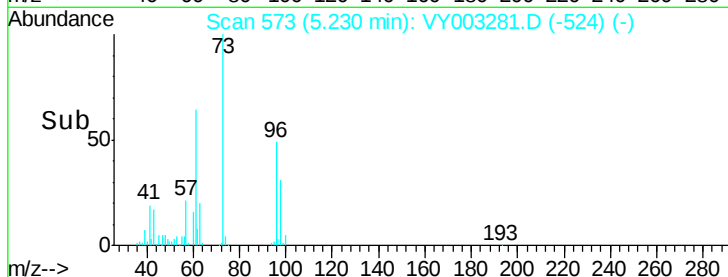
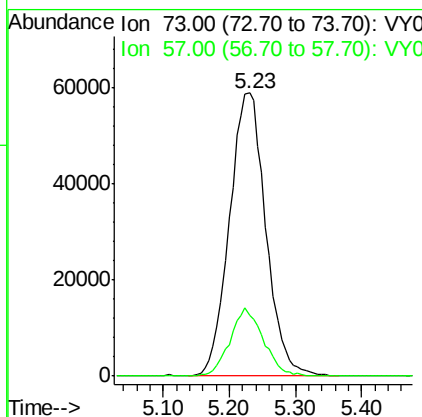
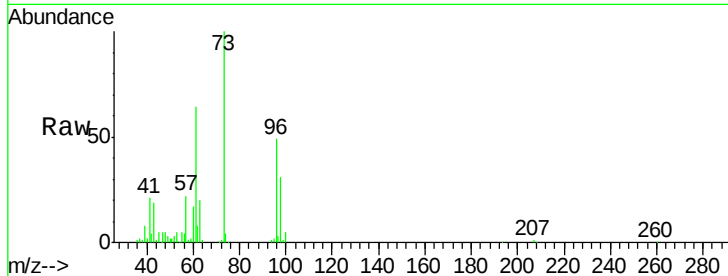
#19
Methvl tert-butvl Ether
Concen: 21.479 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion: 73 Resp: 223754
Ion Ratio Lower Upper
73 100
57 21.6 18.1 27.1

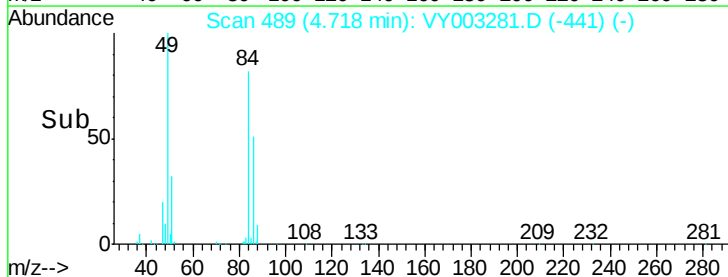
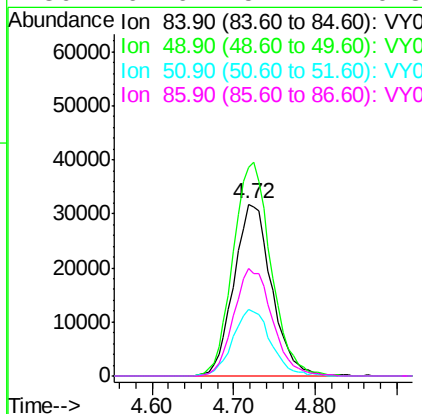
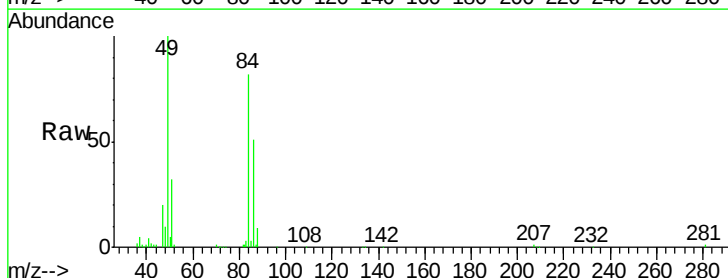
Manual Integrations
APPROVED

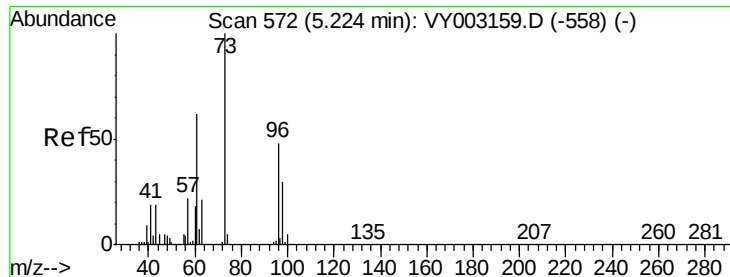
MMDadoda
7/23/2020 12:23:00 PM



#20
Methylene Chloride
Concen: 20.834 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion: 84 Resp: 101870
Ion Ratio Lower Upper
84 100
49 121.7 98.2 147.4
51 38.5 29.8 44.6
86 62.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.981 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

Tot Ion: 96 Resp: 92420

Ion Ratio Lower Upper

96 100

61 131.3 102.5 153.7

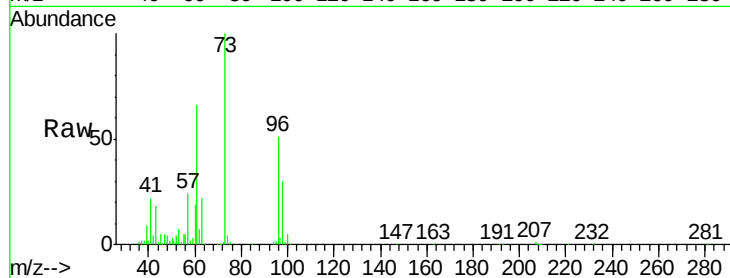
98 58.9 49.8 74.8

Manual Integrations

APPROVED

MMDadoda

7/23/2020 12:23:00 PM

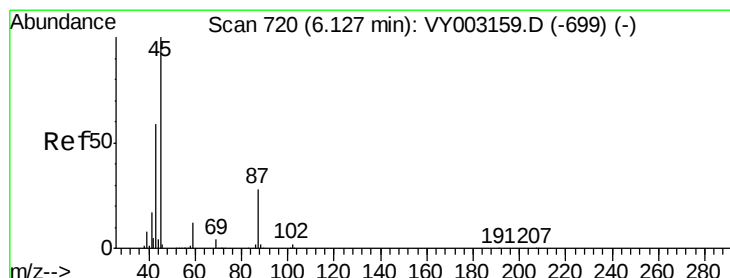
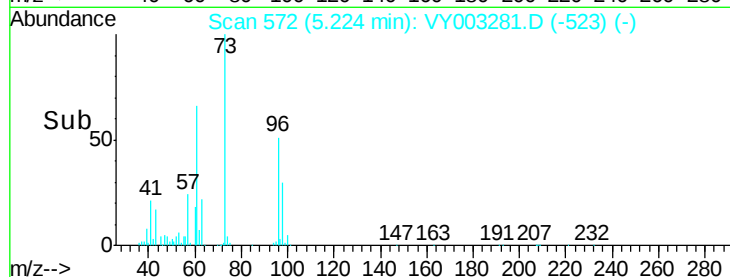
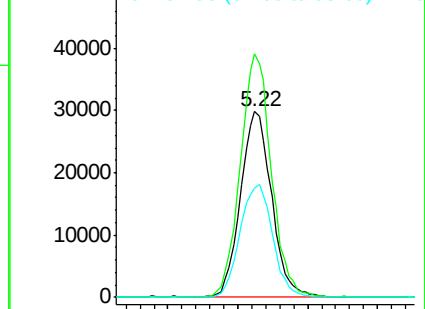


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 23.397 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Tgt Ion: 45 Resp: 286421

Ion Ratio Lower Upper

45 100

43 60.7 47.0 70.4

87 26.1 22.6 33.8

59 10.9 9.8 14.6

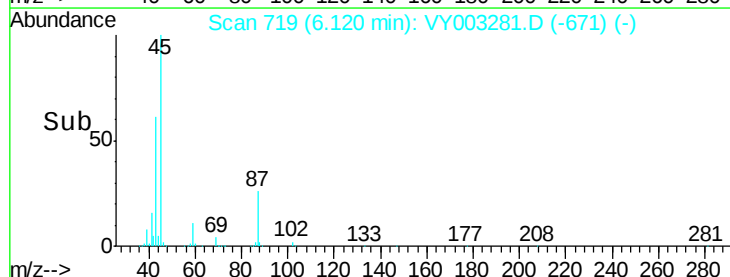
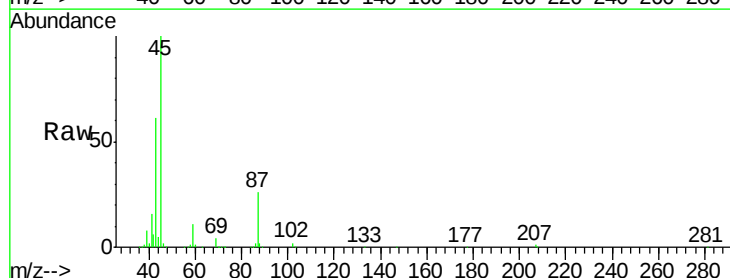
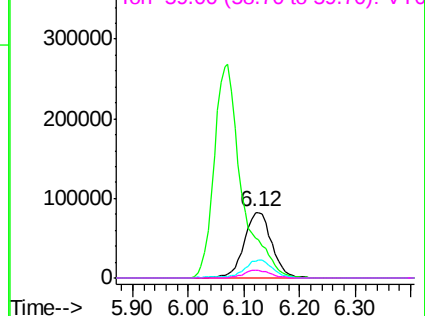
Abundance

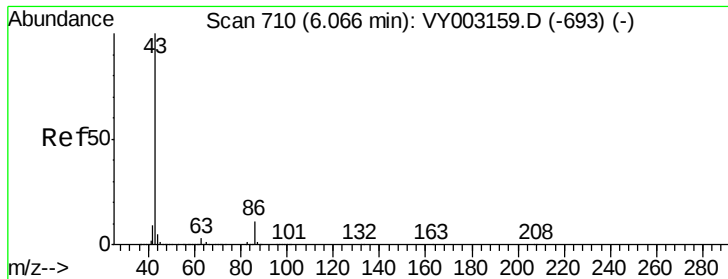
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 112.406 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

Tot Ion: 43 Resp: 917183

Ion Ratio Lower Upper

43 100

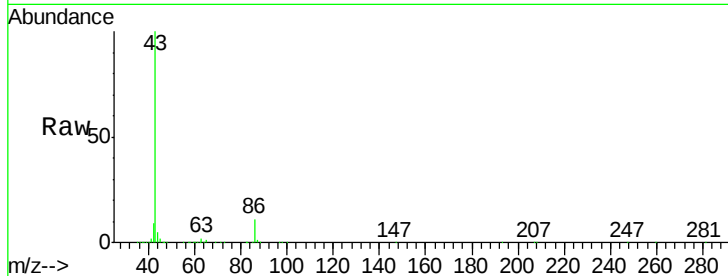
86 10.9 8.8 13.2

Manual Integrations

APPROVED

MMDadoda

7/23/2020 12:23:00 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

250000

200000

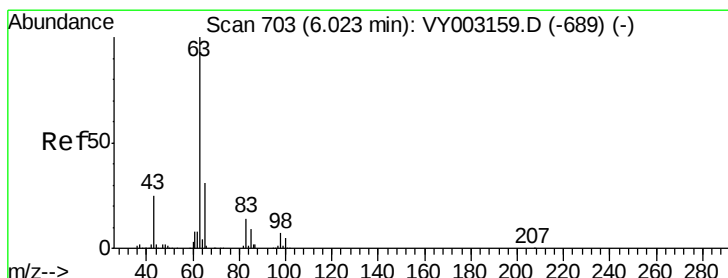
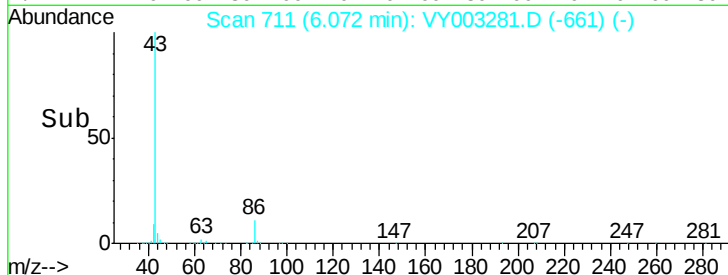
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.536 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

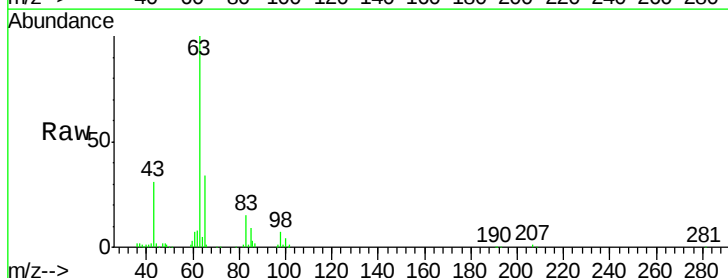
Tgt Ion: 63 Resp: 159836

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.5 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

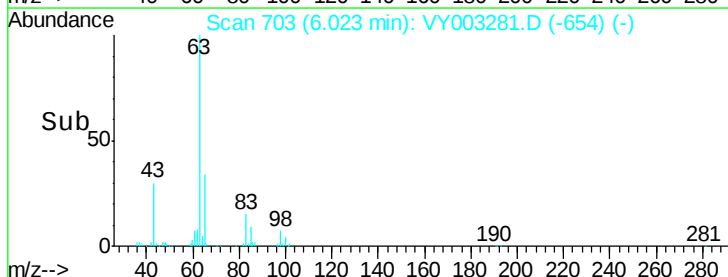
60000

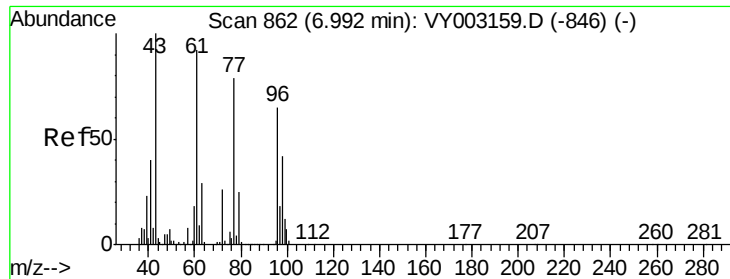
40000

20000

0

Time-->





#25

2-Butanone

Concen: 113.095 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

Tot Ion: 43 Resp: 156394

Ion Ratio Lower Upper

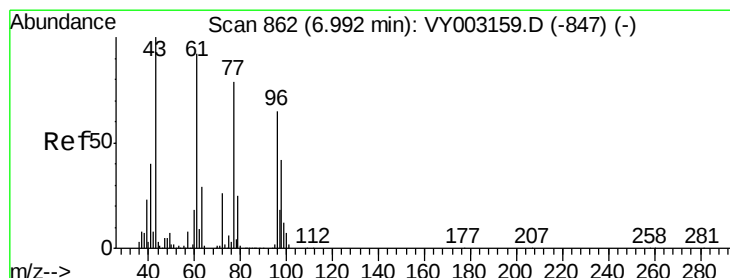
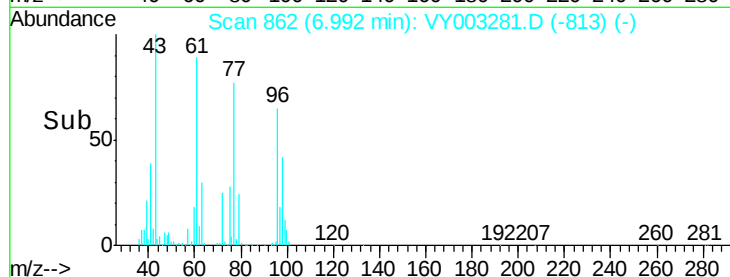
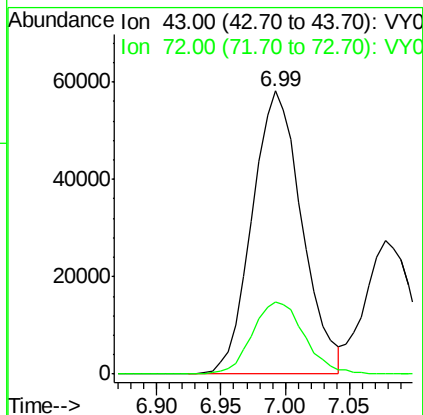
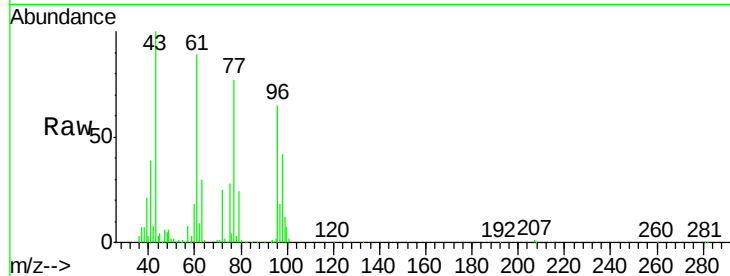
43 100

72 25.4 20.9 31.3

Manual Integrations
APPROVED

MMDadoda

7/23/2020 12:23:00 PM



#26

2,2-Dichloropropane

Concen: 22.324 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003281.D

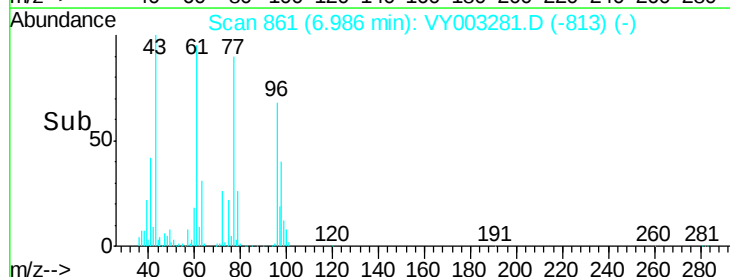
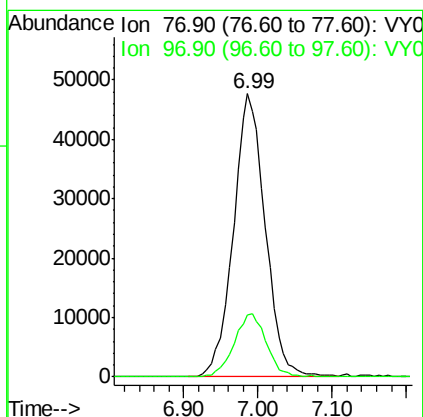
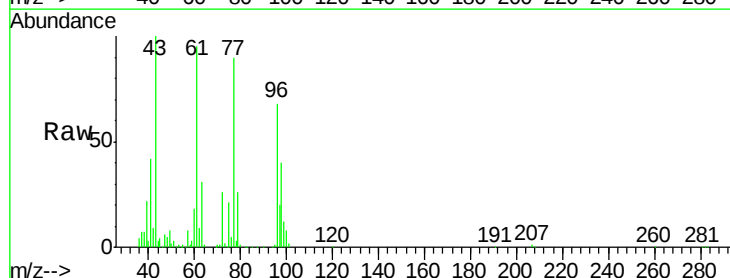
Acq: 22 Jul 2020 12:21

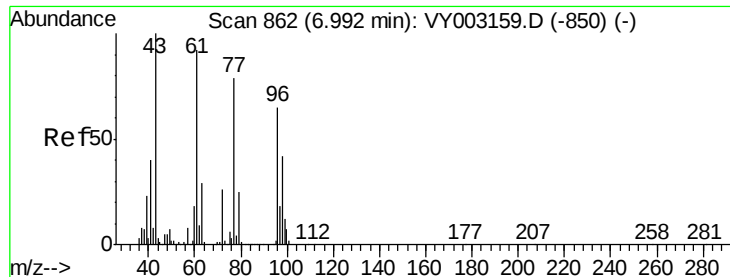
Tgt Ion: 77 Resp: 142586

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7





#27

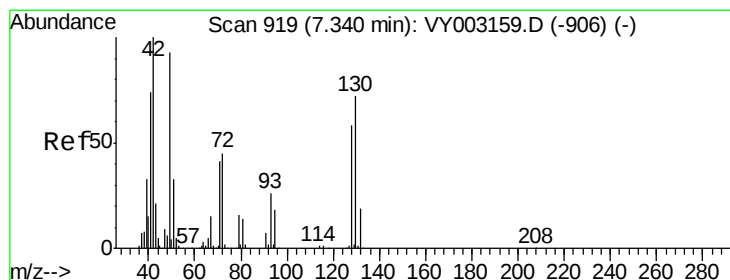
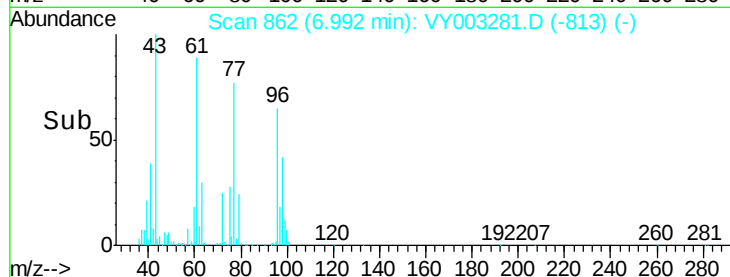
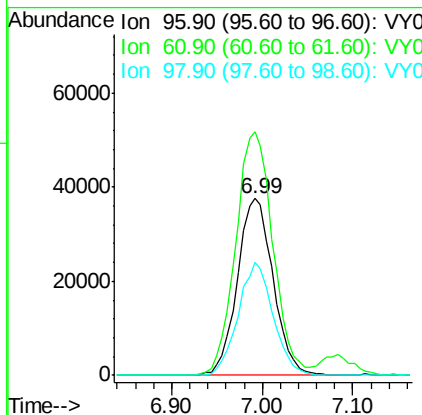
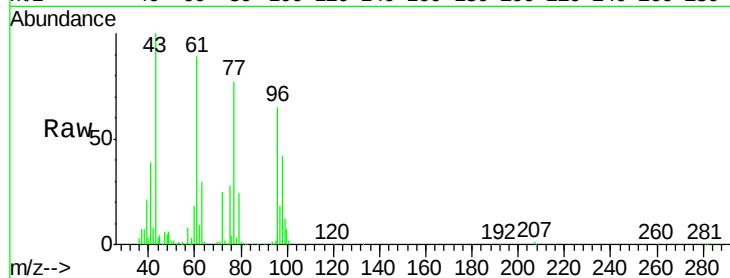
cis-1,2-Dichloroethene
Concen: 22.165 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.7	0.0	281.2	
98	62.6	0.0	129.8	

Manual Integrations
APPROVED

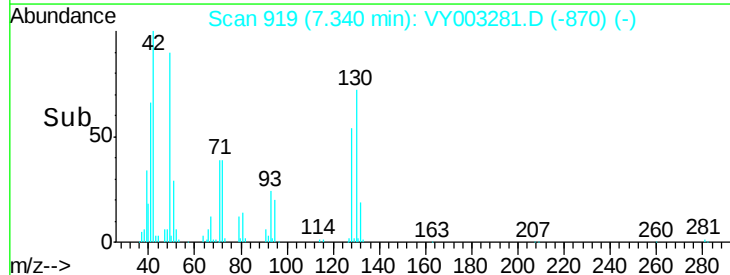
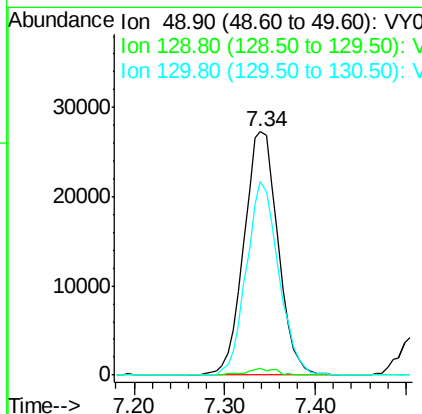
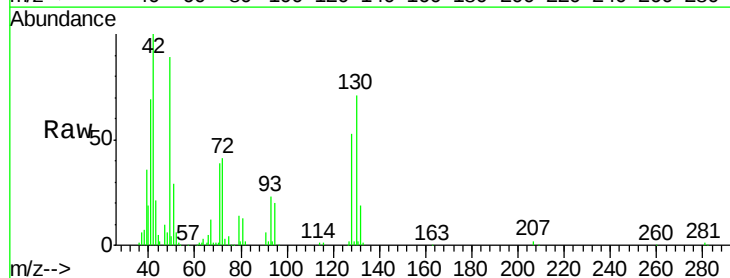
MMDadoda
7/23/2020 12:23:00 PM

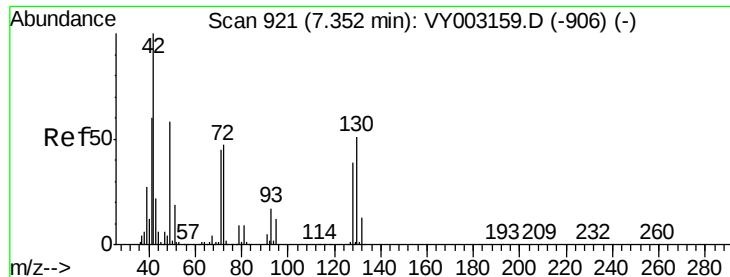


#28

Bromochloromethane
Concen: 23.163 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.0	
130	75.5	64.9	97.3	





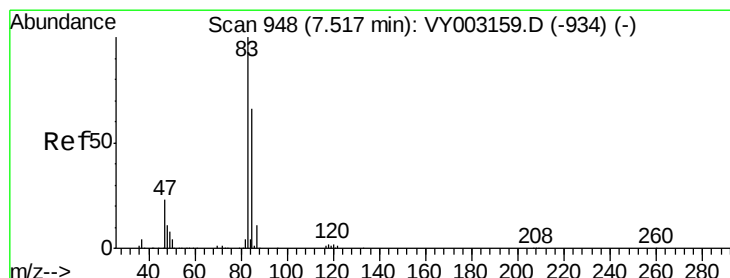
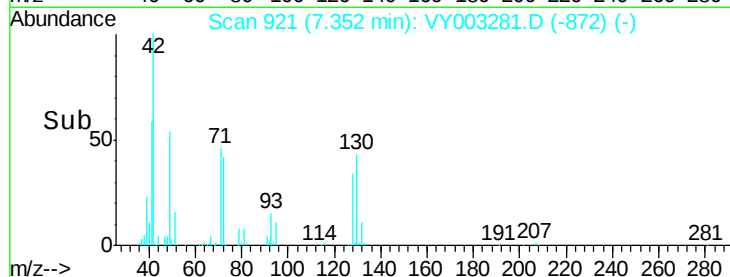
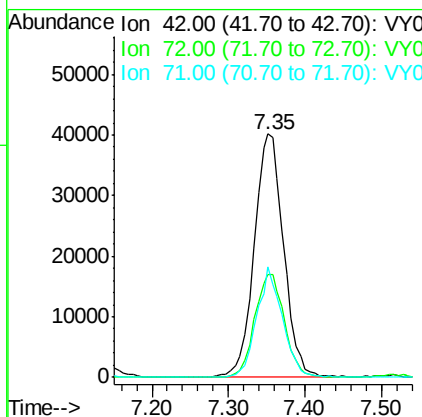
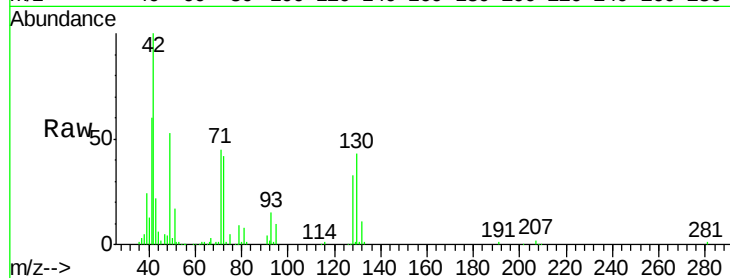
#29
Tetrahydrofuran
Concen: 115.791 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	36.7	55.1
71	39.7	34.2	51.4

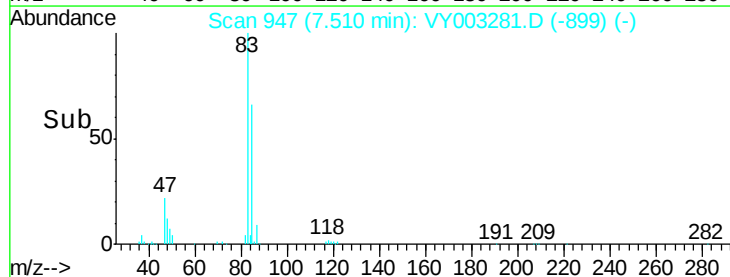
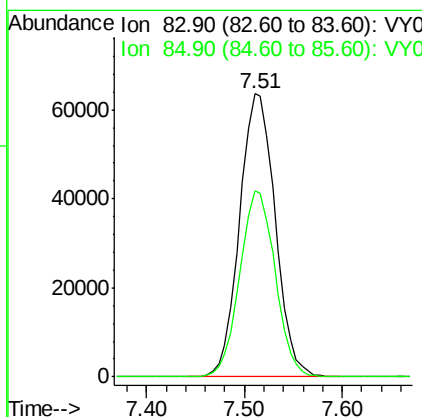
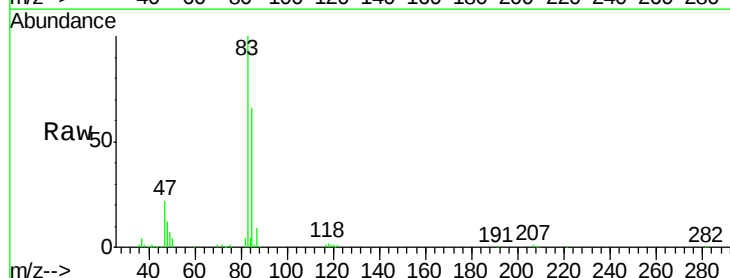
Manual Integrations
APPROVED

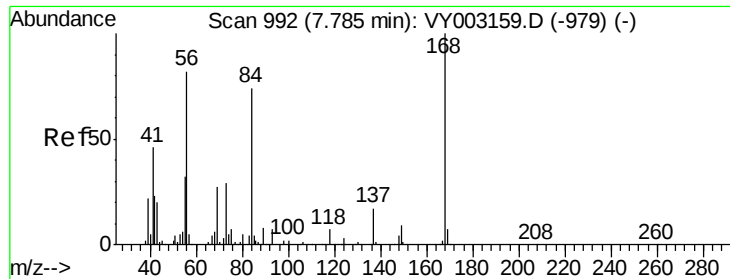
MMDadoda
7/23/2020 12:23:00 PM



#30
Chloroform
Concen: 21.970 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.6	78.8





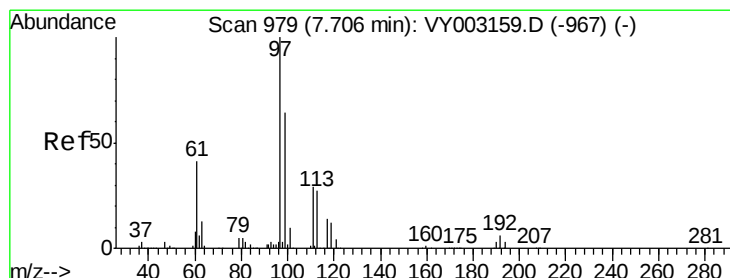
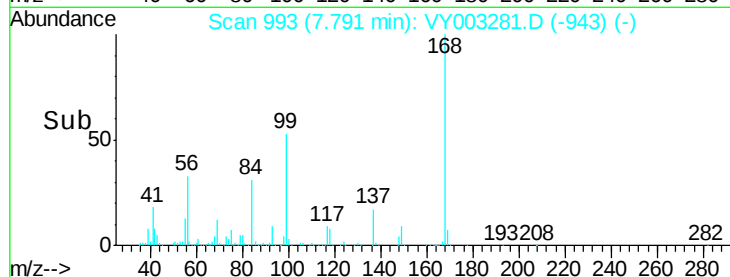
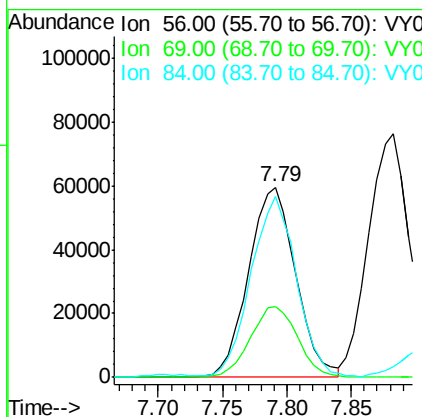
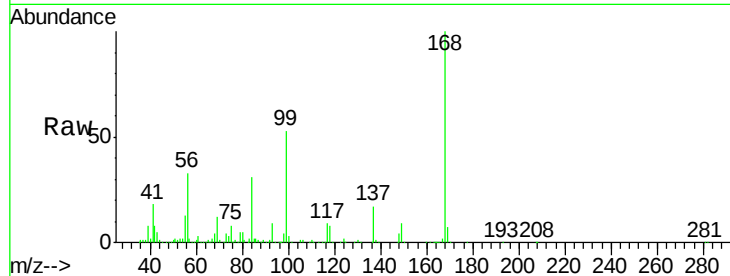
#31
Cyclohexane
Concen: 22.073 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	37.3	26.7	40.1	
84	94.8	72.3	108.5	

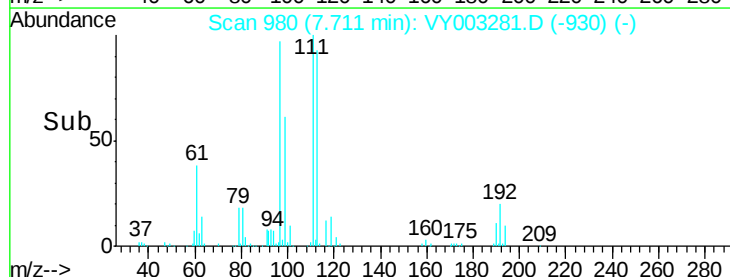
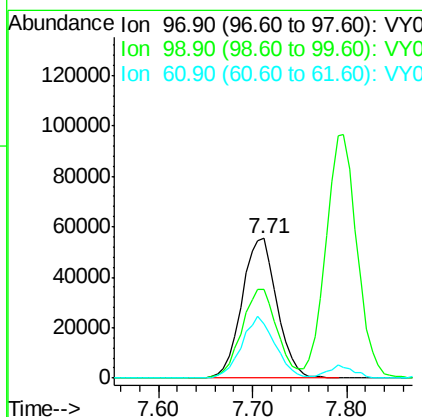
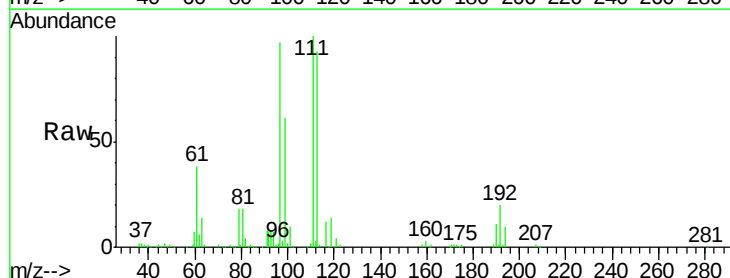
Manual Integrations
APPROVED

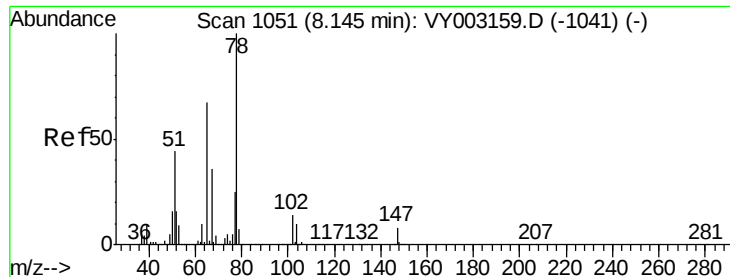
MMDadoda
7/23/2020 12:23:00 PM



#32
1,1,1-Trichloroethane
Concen: 21.945 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.9	52.1	78.1	
61	42.1	33.9	50.9	





#33

1,2-Dichloroethane-d4

Concen: 49.617 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

Tot Ion: 65 Resp: 187081

Ion Ratio Lower Upper

65 100

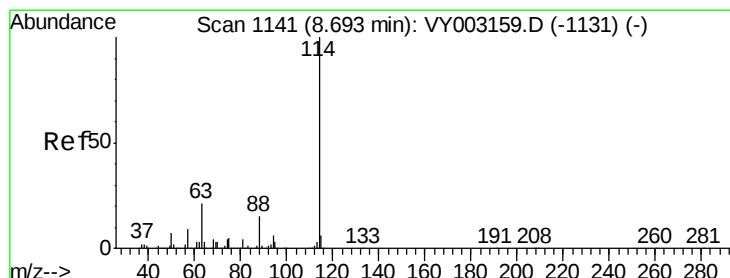
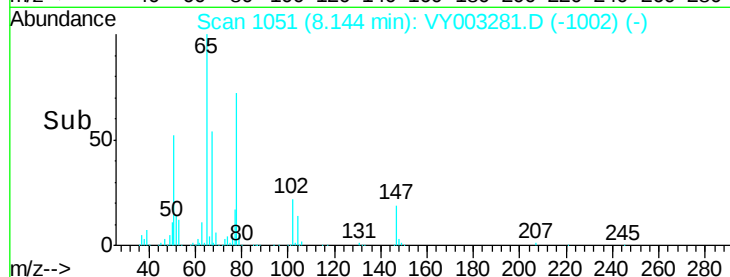
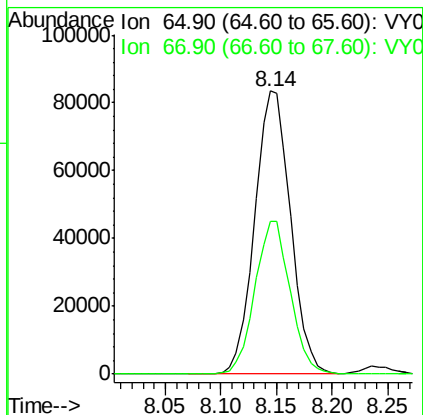
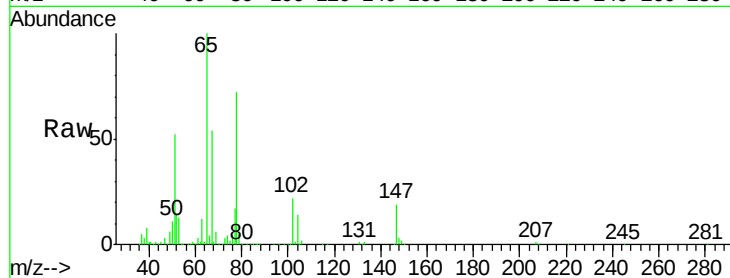
67 53.6 0.0 105.2

Manual Integrations

APPROVED

MMDadoda

7/23/2020 12:23:00 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

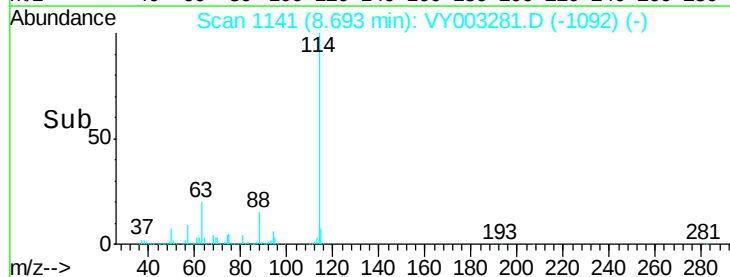
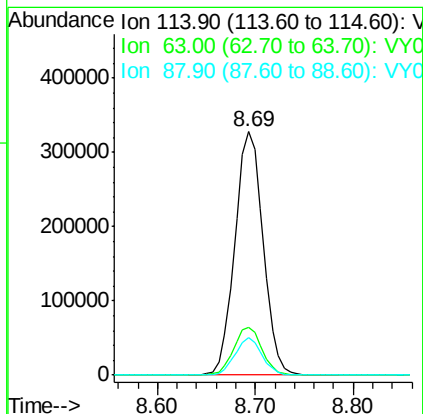
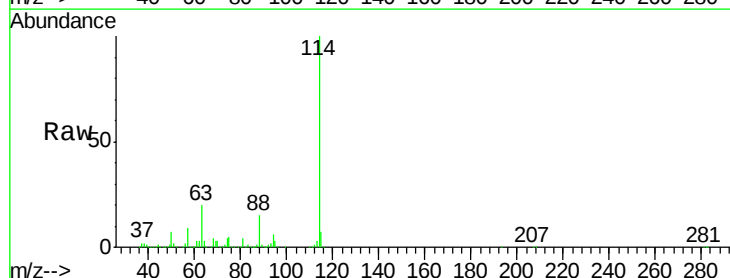
Tgt Ion: 114 Resp: 655460

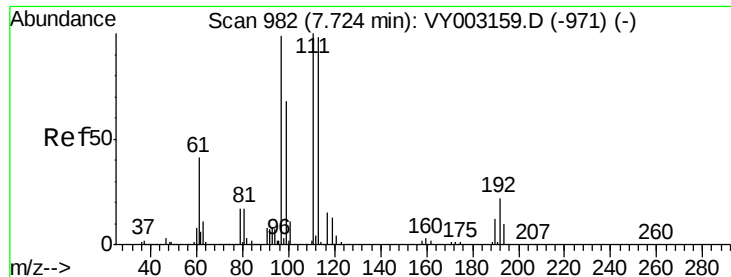
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.2

88 15.4 0.0 30.2





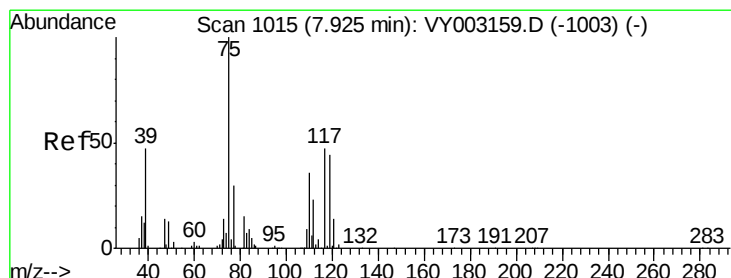
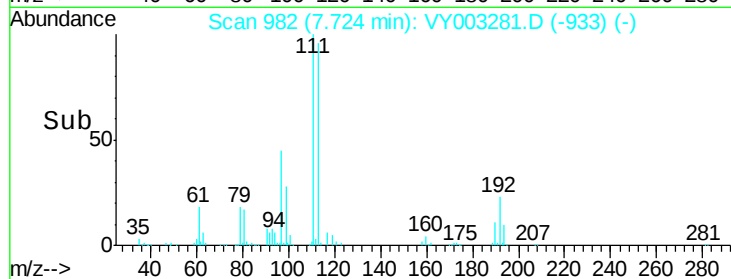
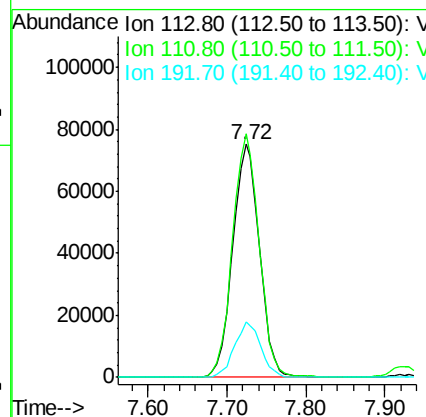
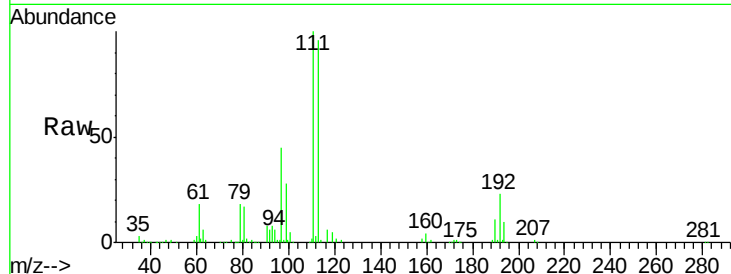
#35
Dibromofluoromethane
Concen: 47.007 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	177312		
111	103.8	82.1	123.1	
192	23.3	18.8	28.2	

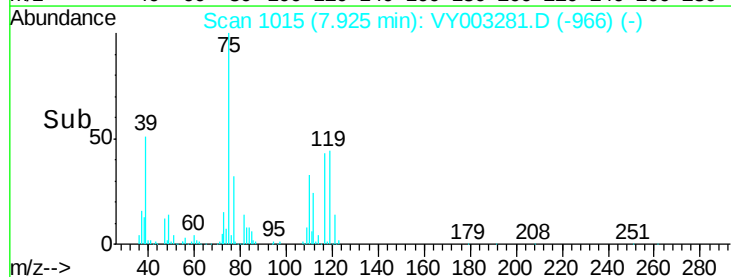
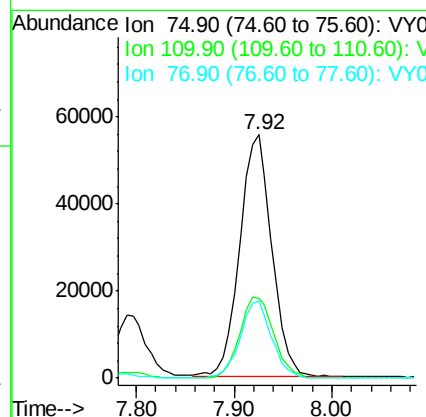
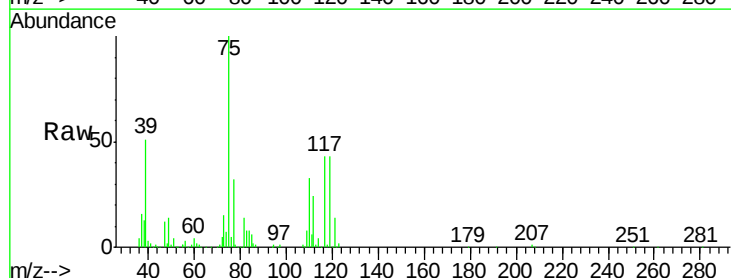
Manual Integrations
APPROVED

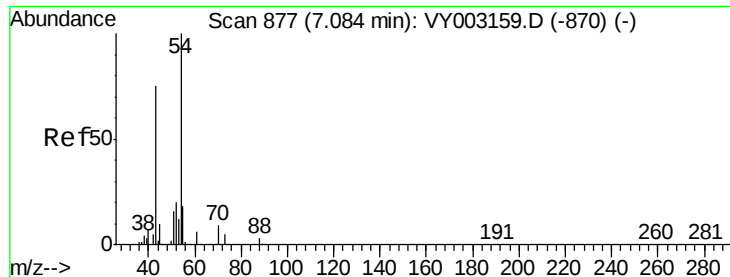
MMDadoda
7/23/2020 12:23:00 PM



#36
1,1-Dichloropropene
Concen: 21.141 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	125593		
110	35.7	18.1	54.1	
77	31.7	24.8	37.2	





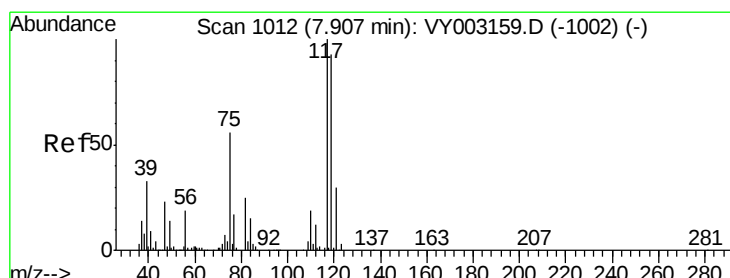
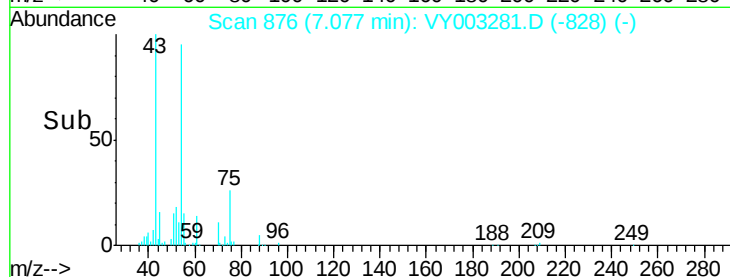
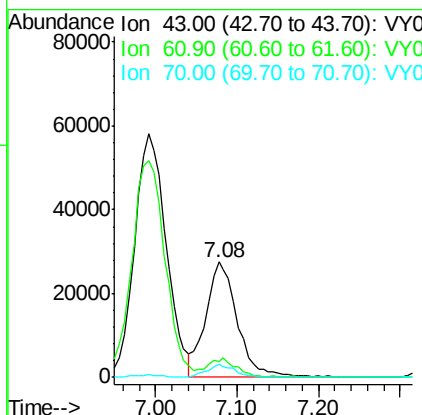
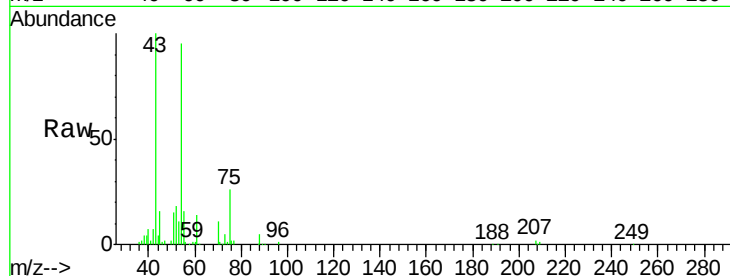
#37
Ethyl Acetate
Concen: 23.008 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.8	17.6
70	9.9	8.6	13.0

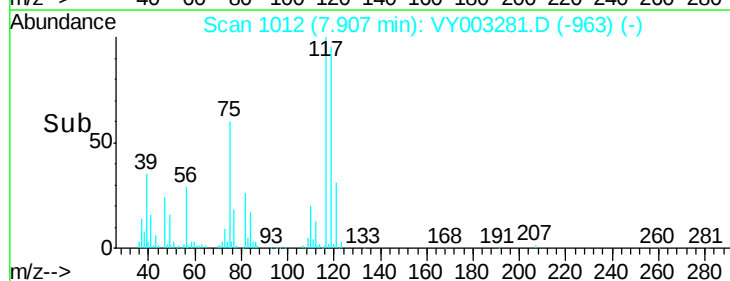
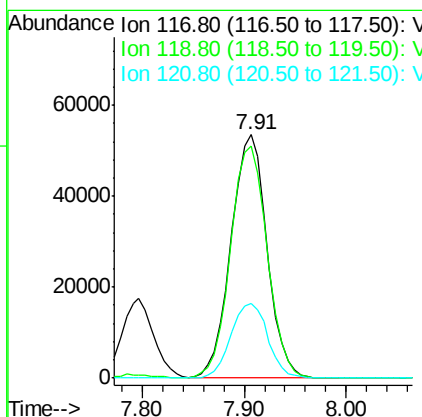
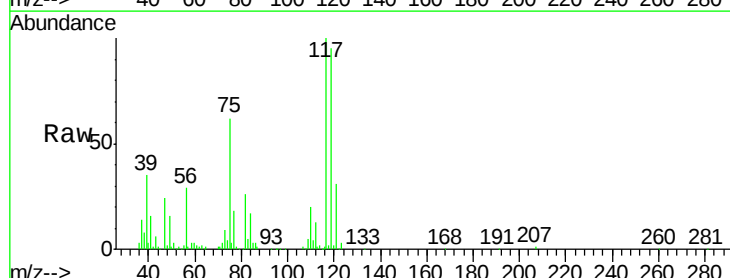
Manual Integrations
APPROVED

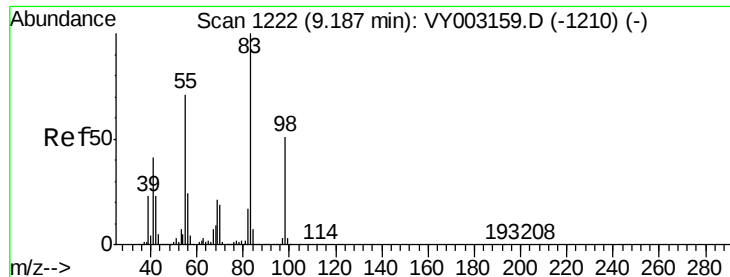
MMDadoda
7/23/2020 12:23:00 PM



#38
Carbon Tetrachloride
Concen: 21.354 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.5	111.7
121	30.6	24.2	36.2





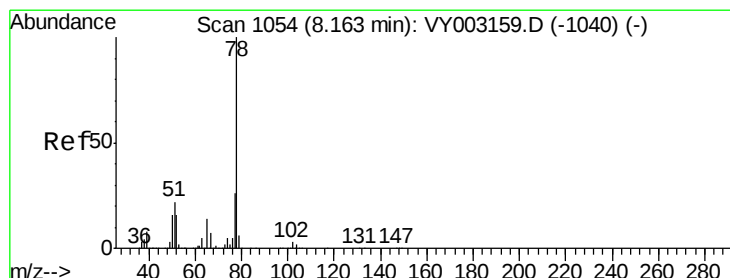
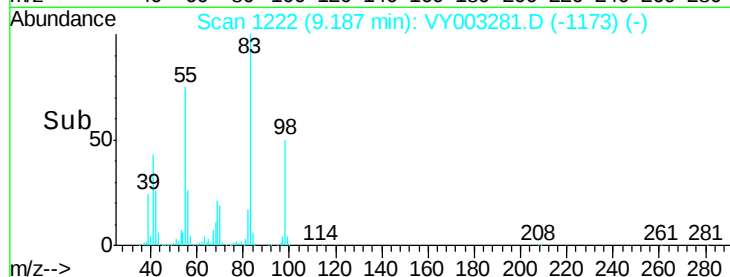
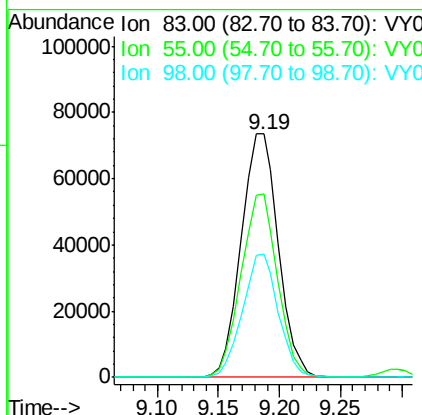
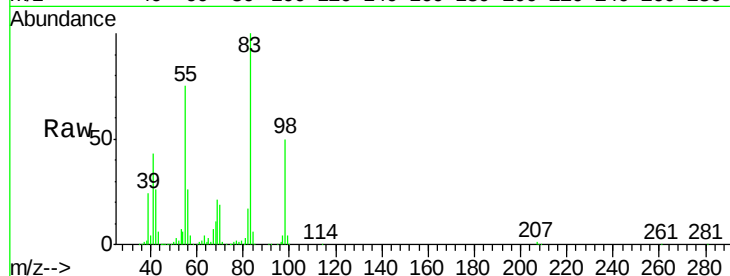
#39
Methvlcvclohexane
Concen: 20.864 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	57.2	85.8
98	50.5	41.0	61.6

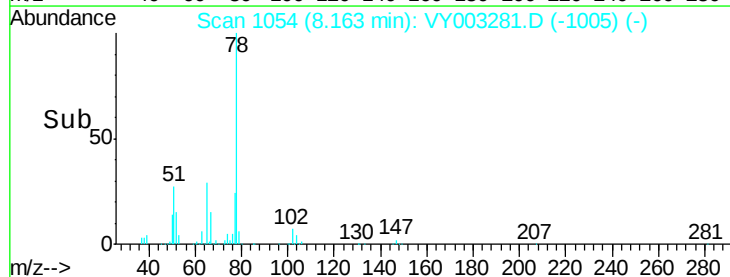
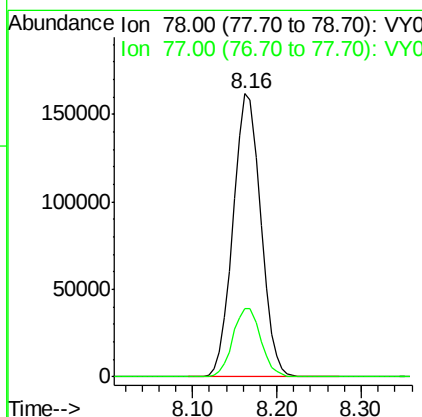
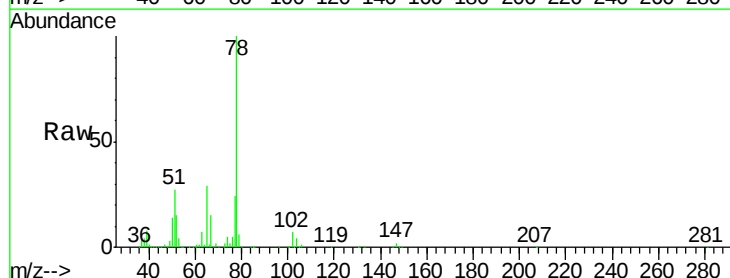
Manual Integrations
APPROVED

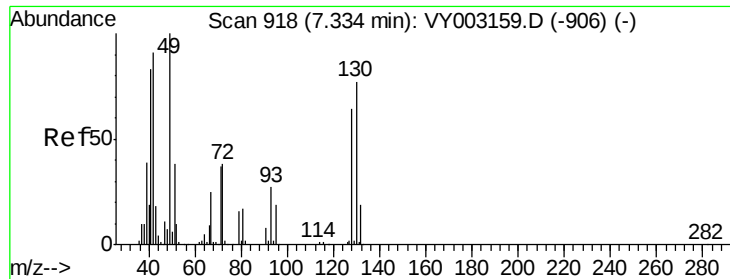
MMDadoda
7/23/2020 12:23:00 PM



#40
Benzene
Concen: 22.004 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	20.7	31.1





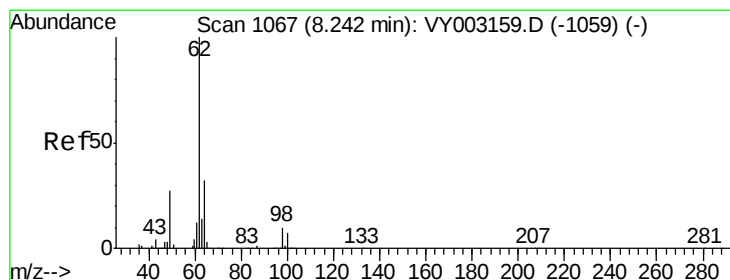
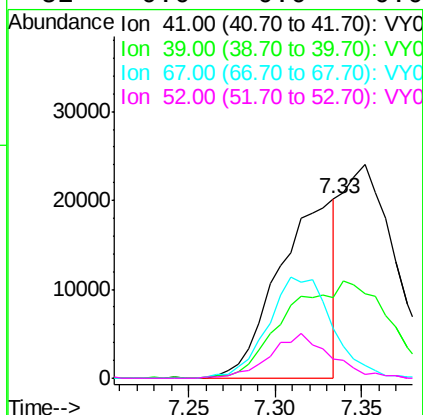
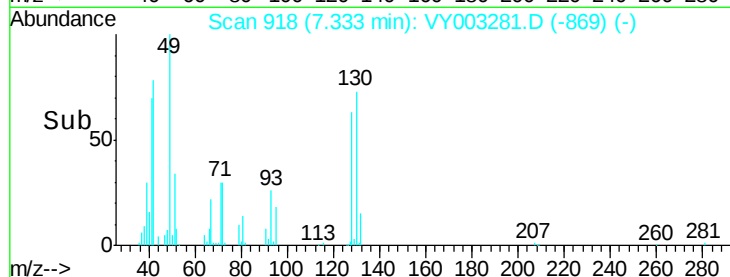
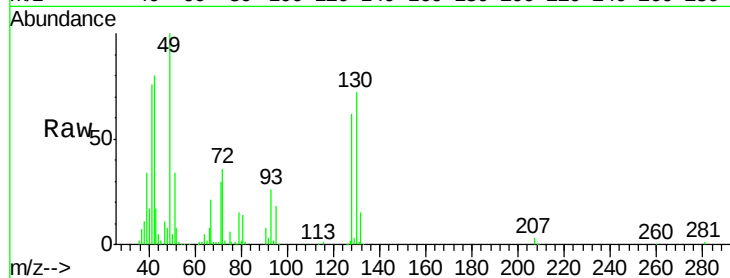
#41
Methacrylonitrile
Concen: 23.896 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	41	Resp	46042
Ion	Ratio	Lower	Upper
41	100		
39	98.7	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

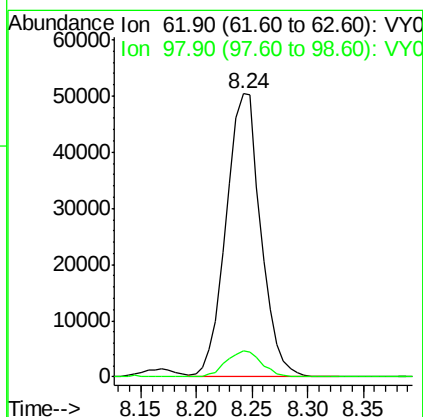
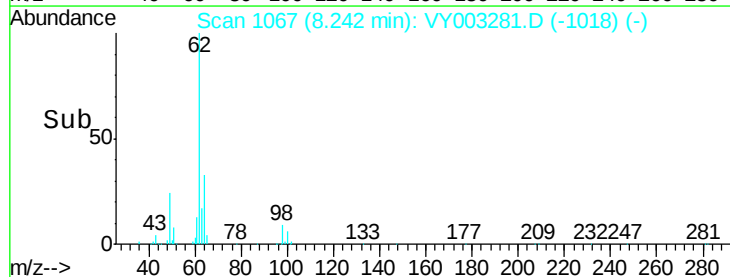
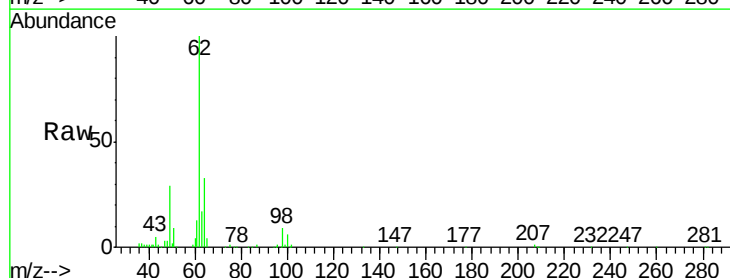
Manual Integrations
APPROVED

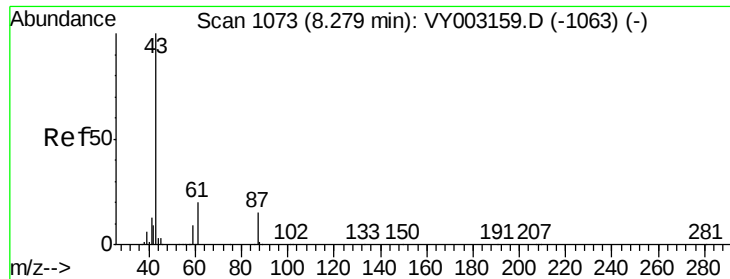
MMDadoda
7/23/2020 12:23:00 PM



#42
1,2-Dichloroethane
Concen: 21.626 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	62	Resp	108902
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





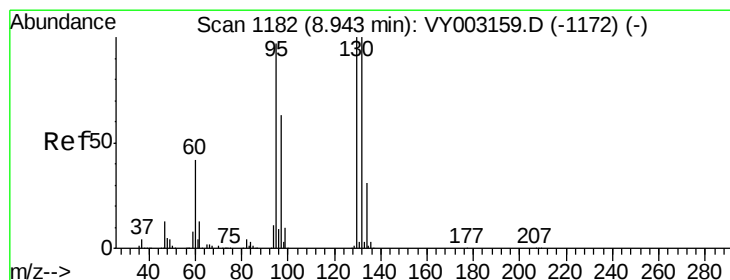
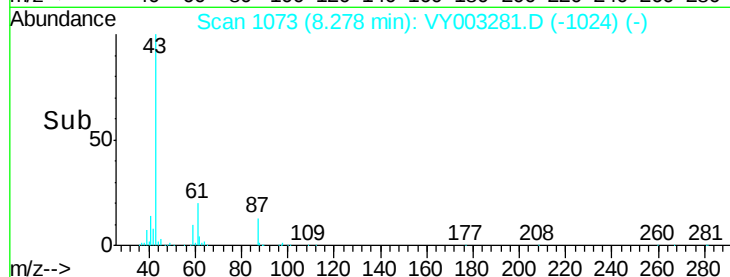
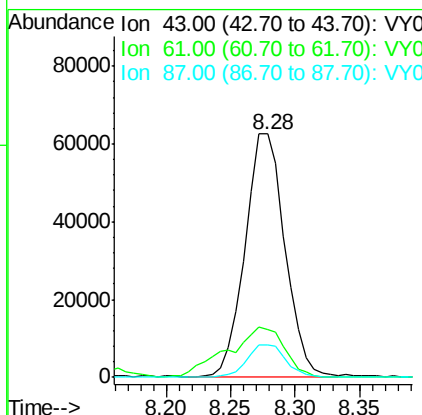
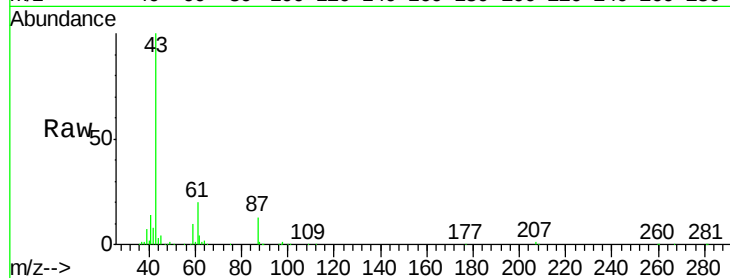
#43
Isopropyl Acetate
Concen: 21.489 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.7	35.5
87	13.3	11.4	17.0

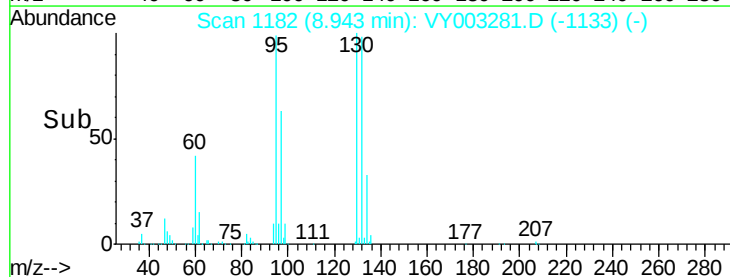
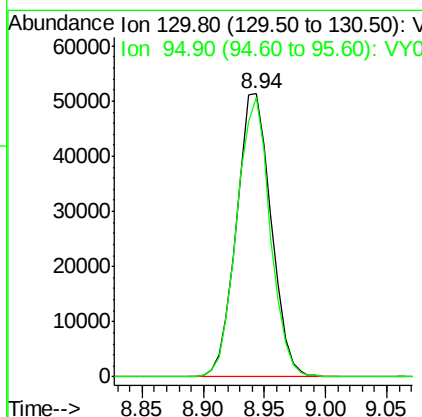
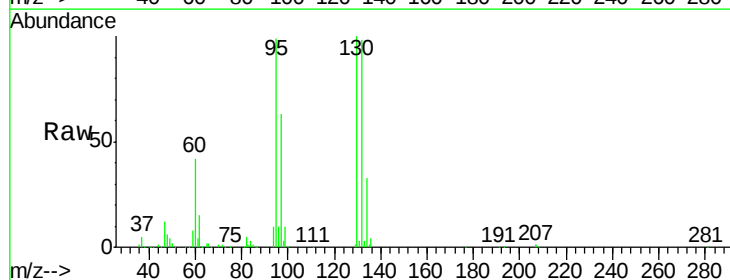
Manual Integrations
APPROVED

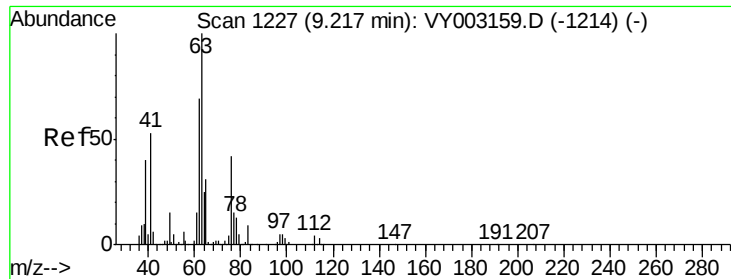
MMDadoda
7/23/2020 12:23:00 PM



#44
Trichloroethene
Concen: 20.186 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	193.8





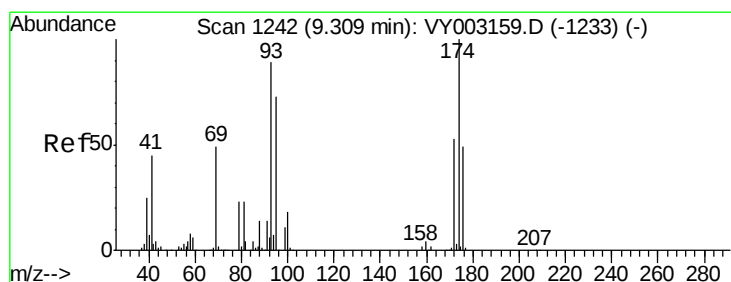
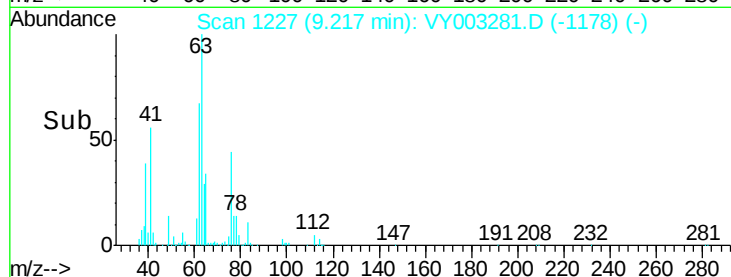
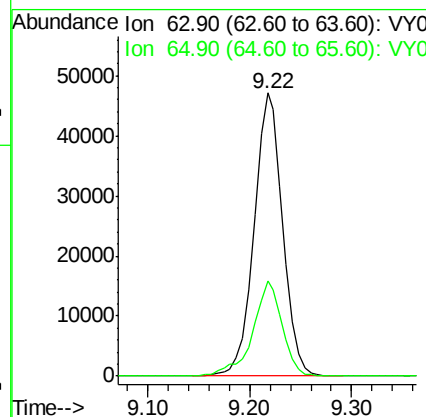
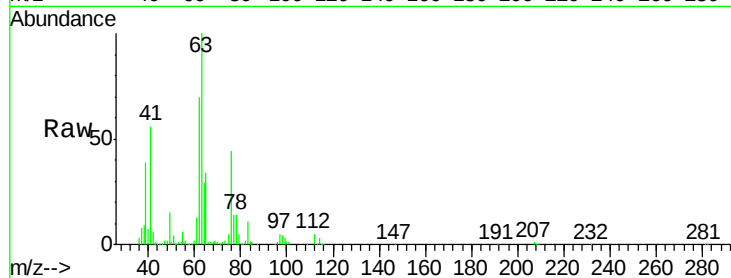
#45
 1,2-Dichloropropane
 Concen: 21.659 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Tot Ion	63	Resp	91674
Ion Ratio	Lower	Upper	
63	100		
65	33.7	25.0	37.4

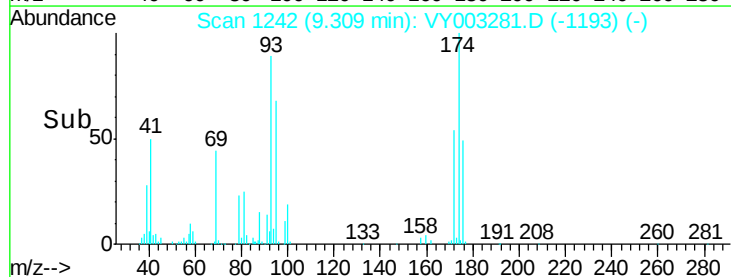
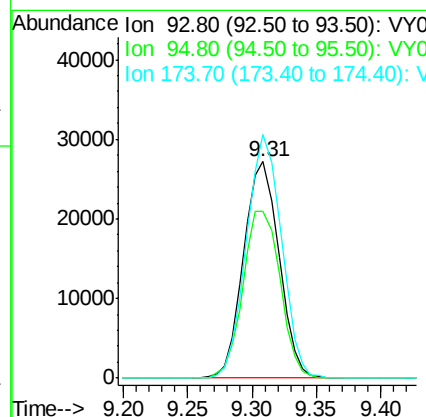
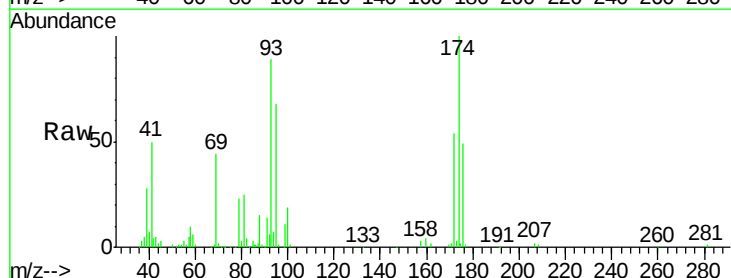
Manual Integrations
 APPROVED

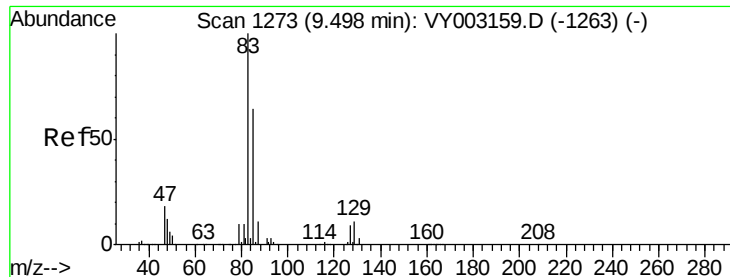
MMDadoda
 7/23/2020 12:23:00 PM



#46
 Dibromomethane
 Concen: 21.066 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Tgt Ion	93	Resp	52076
Ion Ratio	Lower	Upper	
93	100		
95	80.6	66.6	99.8
174	110.7	90.2	135.4





#47

Bromodichloromethane

Concen: 21.832 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

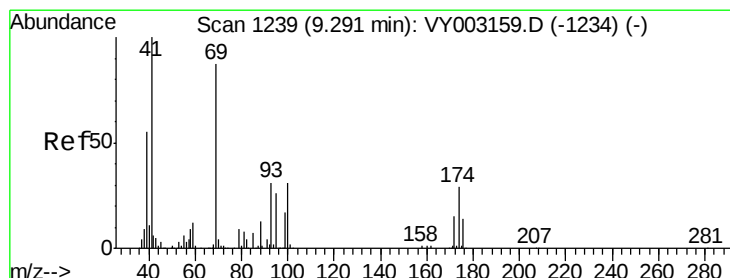
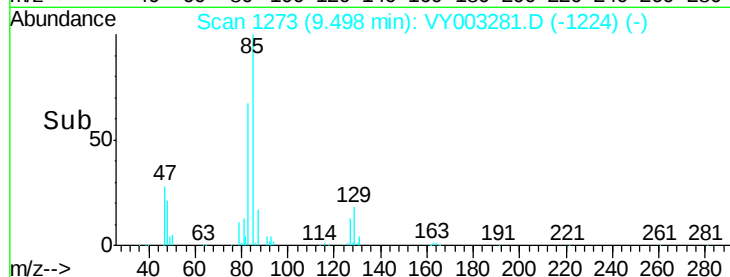
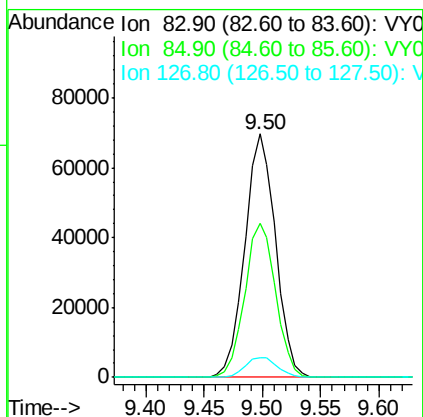
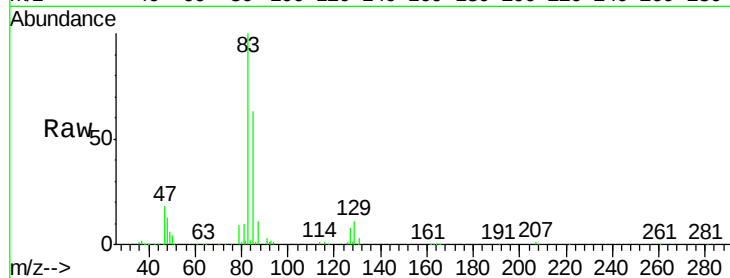
ClientSampleId :

VY0722SBS01

Tot Ion:	83	Resp:	128362
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	8.2	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
7/23/2020 12:23:00 PM



#48

Methyl methacrylate

Concen: 21.143 ug/l

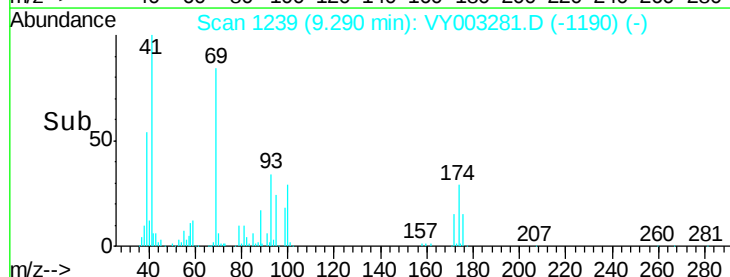
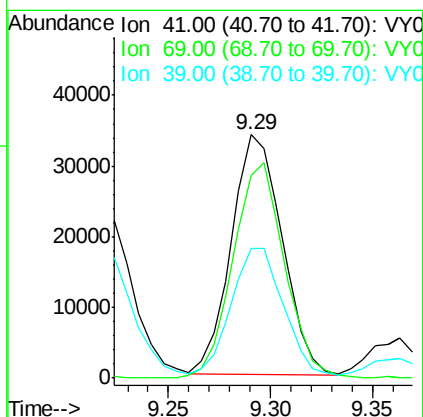
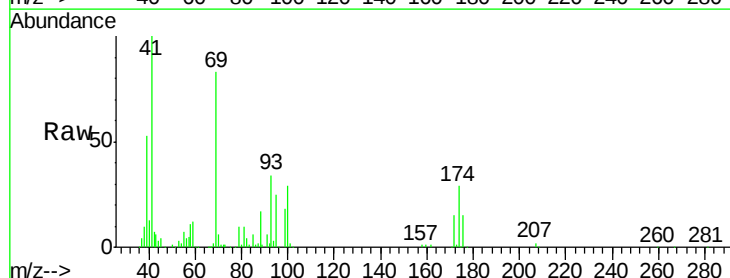
RT: 9.29 min Scan# 1239

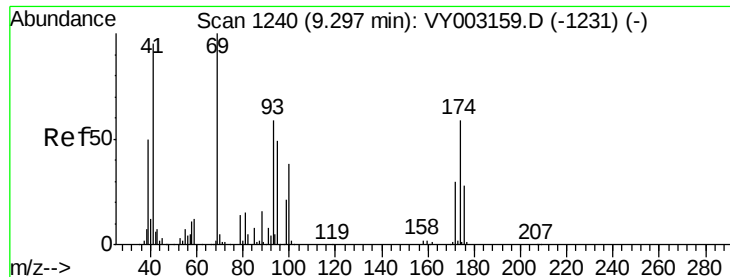
Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Tgt Ion:	41	Resp:	58531
Ion	Ratio	Lower	Upper
41	100		
69	91.4	74.5	111.7
39	56.9	47.5	71.3





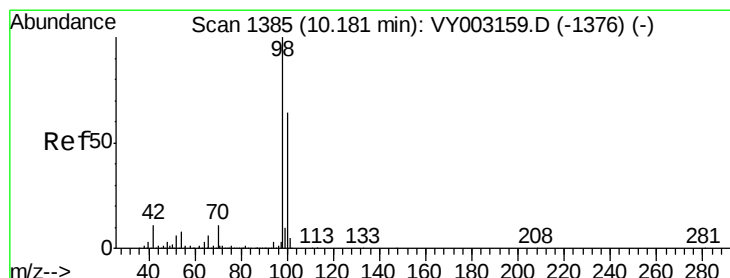
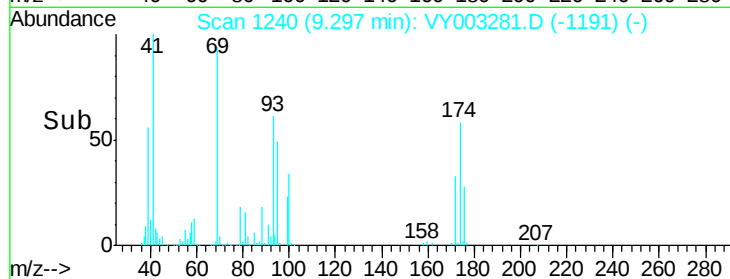
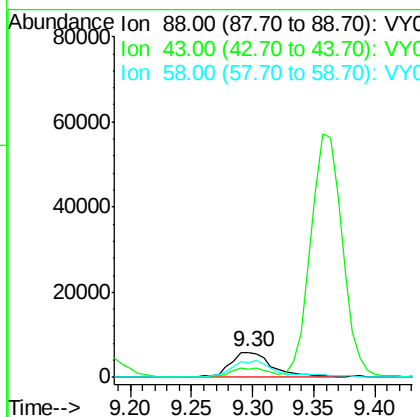
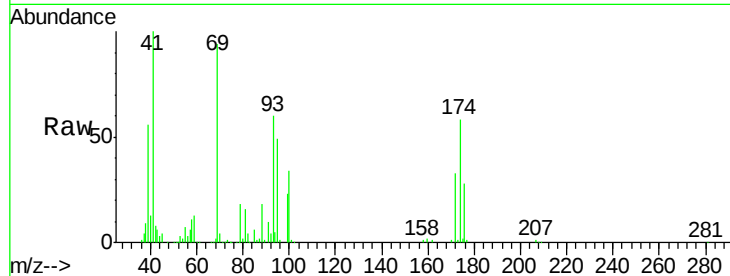
#49
1,4-Dioxane
Concen: 448.768 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	25.6	38.4
58	74.5	47.8	71.6

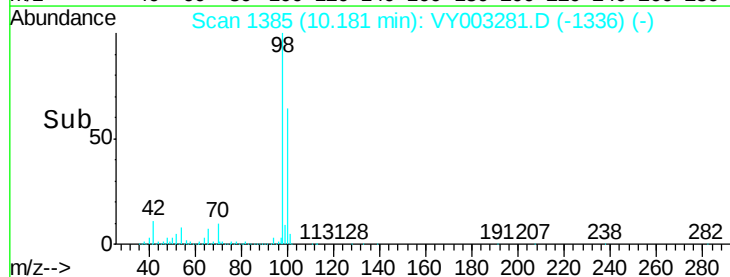
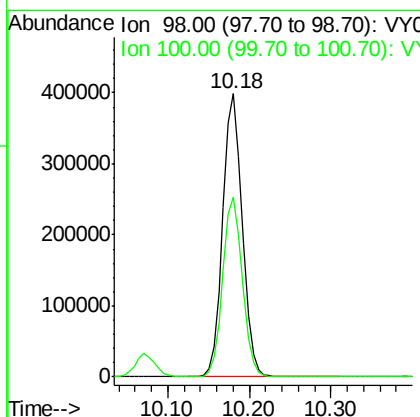
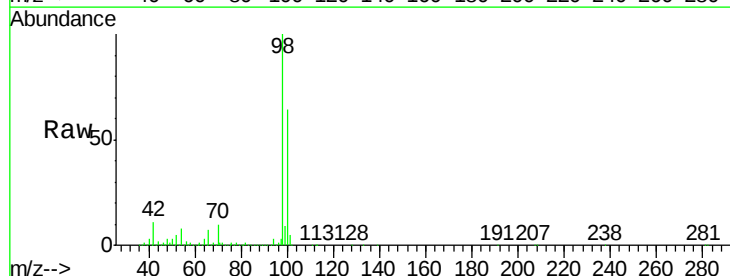
Manual Integrations
APPROVED

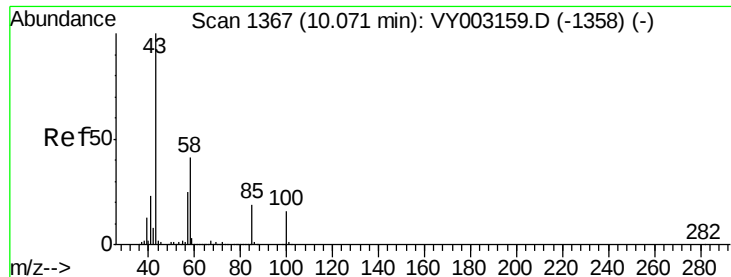
MMDadoda
7/23/2020 12:23:00 PM



#50
Toluene-d8
Concen: 47.077 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.7	76.1





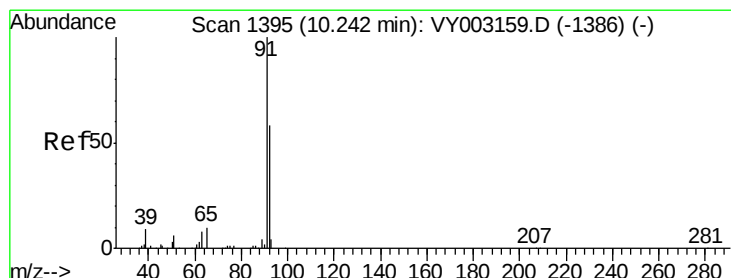
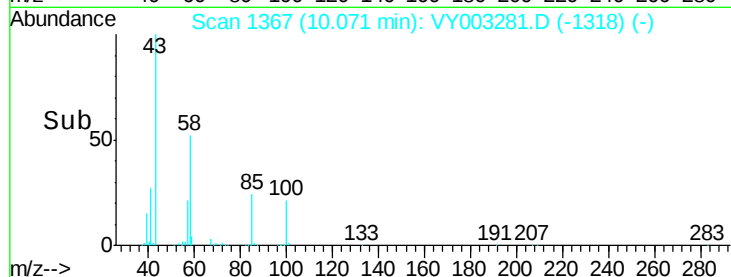
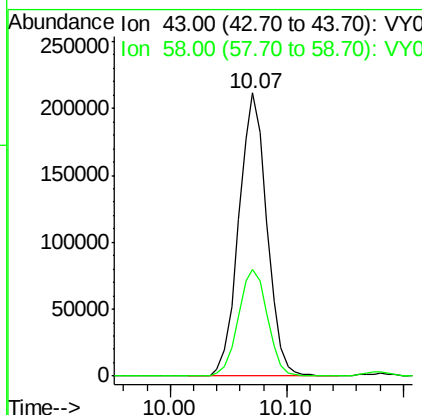
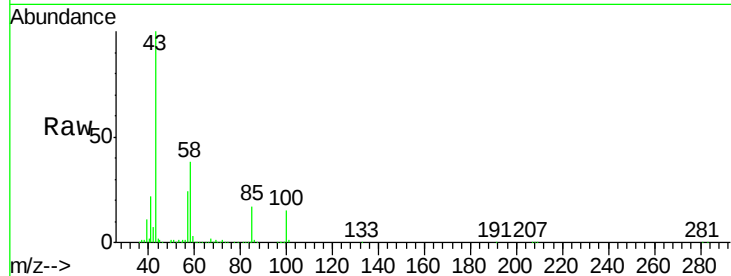
#51
4-Methyl-2-Pentanone
Concen: 110.594 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.0	32.7	49.1

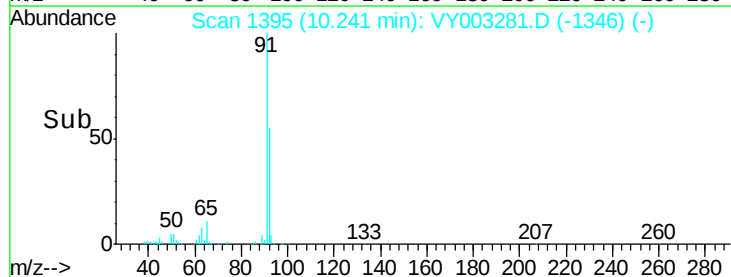
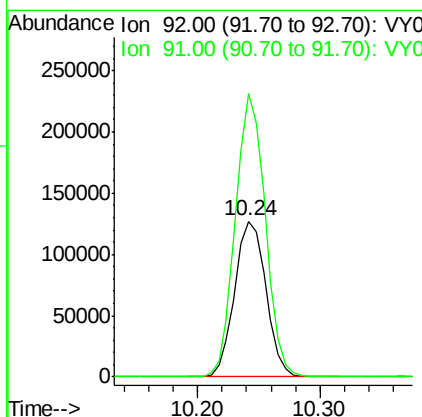
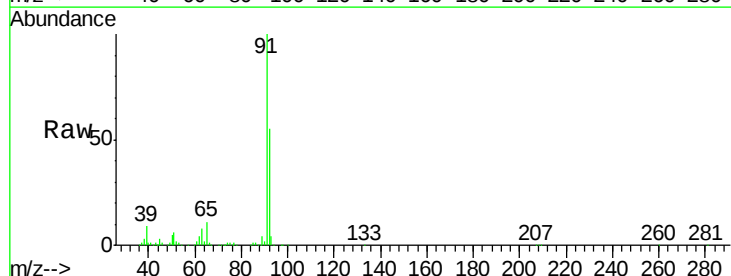
Manual Integrations
APPROVED

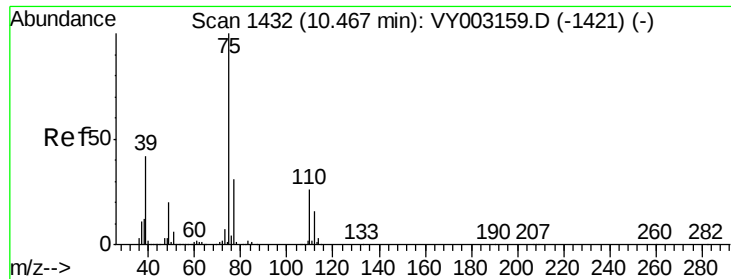
MMDadoda
7/23/2020 12:23:00 PM



#52
Toluene
Concen: 21.476 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.5	139.7	209.5





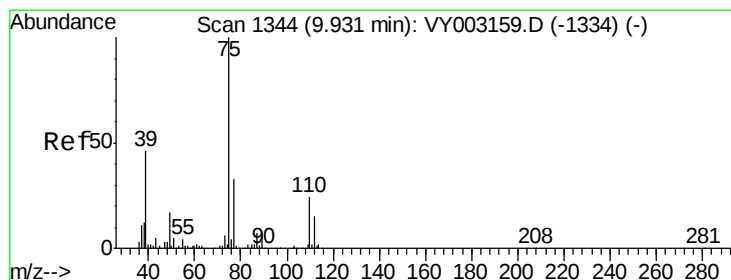
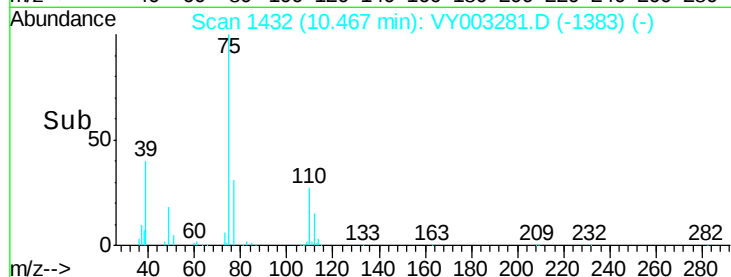
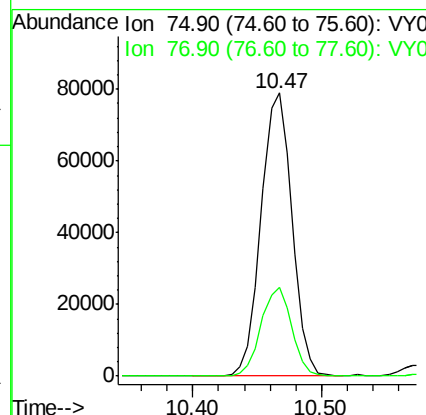
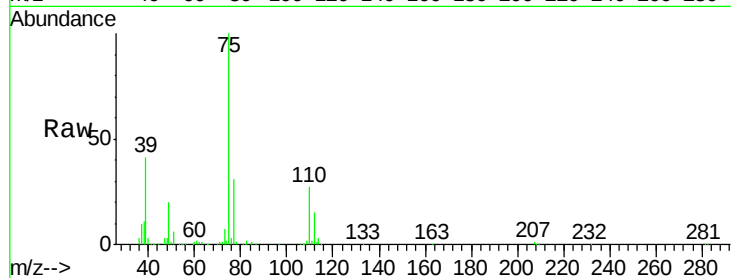
#53
t-1,3-Dichloropropene
Concen: 21.508 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.2	37.8

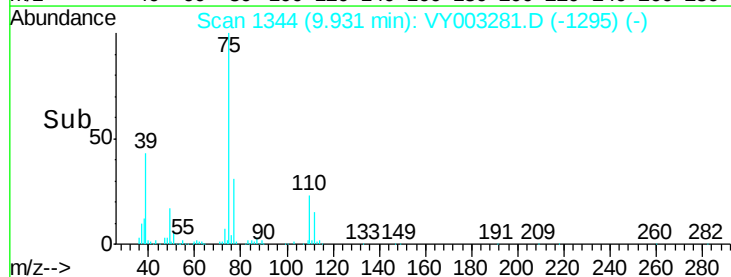
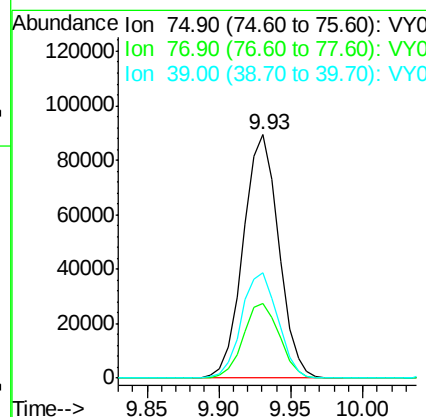
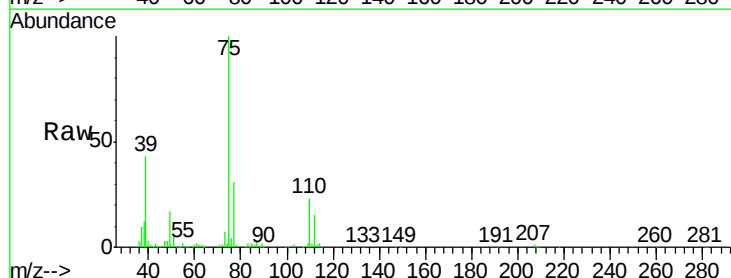
Manual Integrations
APPROVED

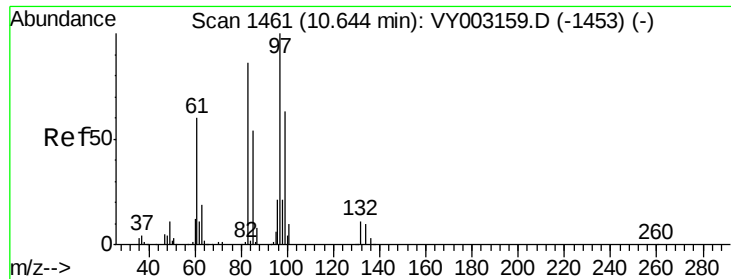
MMDadoda
7/23/2020 12:23:00 PM



#54
cis-1,3-Dichloropropene
Concen: 21.773 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	26.7	40.1
39	43.0	37.0	55.6





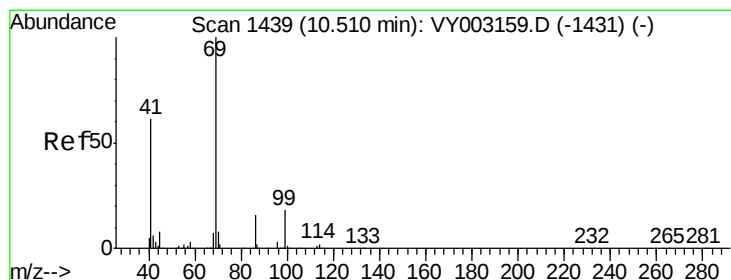
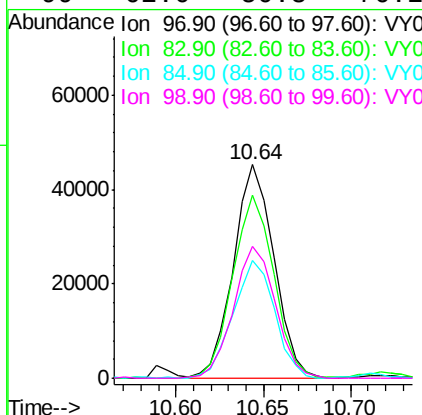
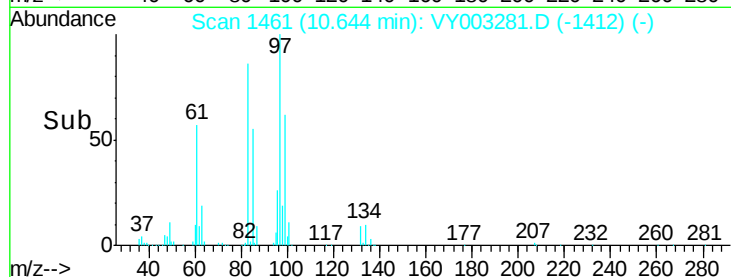
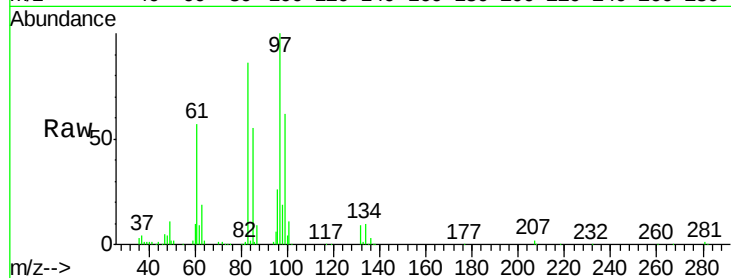
#55
 1,1,2-Trichloroethane
 Concen: 20.774 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Tot Ion:	97	Resp:	72771
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.8	103.2
85	55.1	43.1	64.7
99	62.0	50.8	76.2

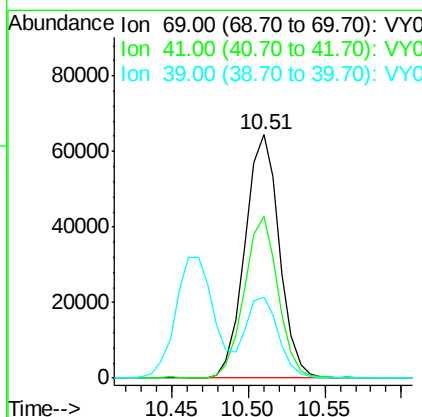
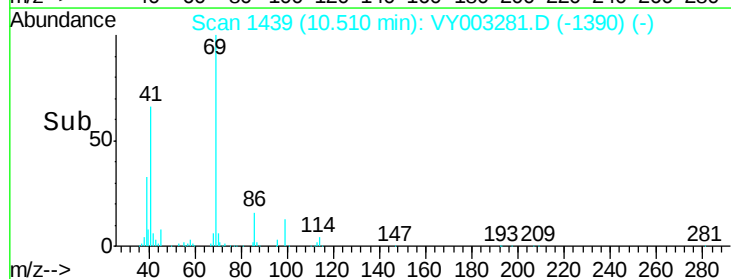
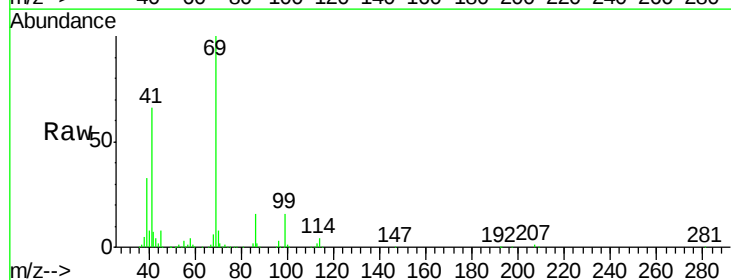
Manual Integrations
 APPROVED

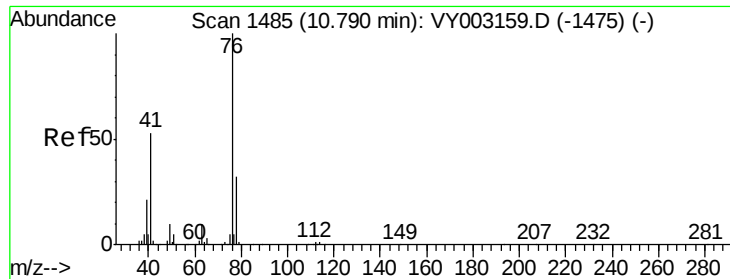
MMDadoda
 7/23/2020 12:23:00 PM



#56
 Ethyl methacrylate
 Concen: 21.096 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Tgt Ion:	69	Resp:	100468
Ion	Ratio	Lower	Upper
69	100		
41	64.3	50.0	75.0
39	30.6	27.6	41.4





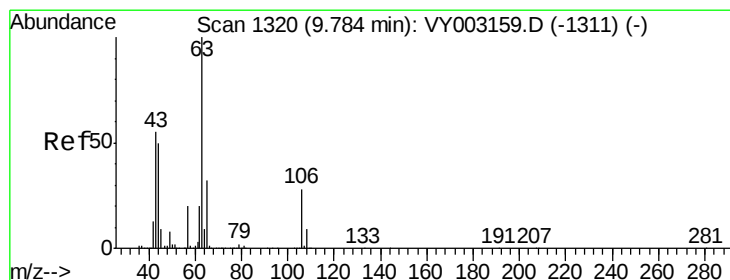
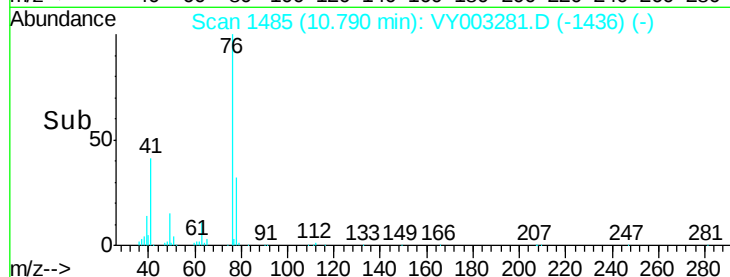
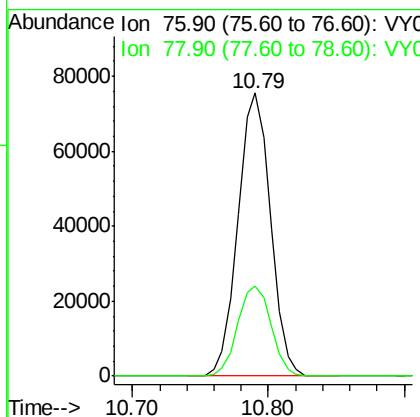
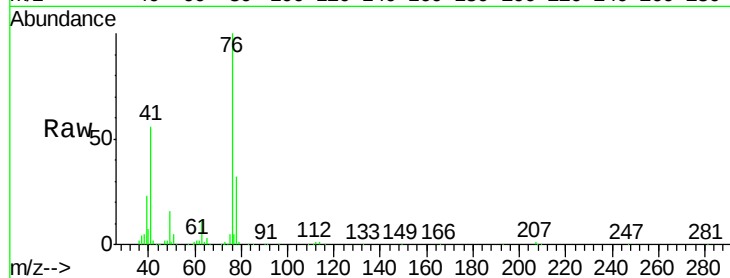
#57
 1,3-Dichloropropane
 Concen: 21.235 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.0	39.0

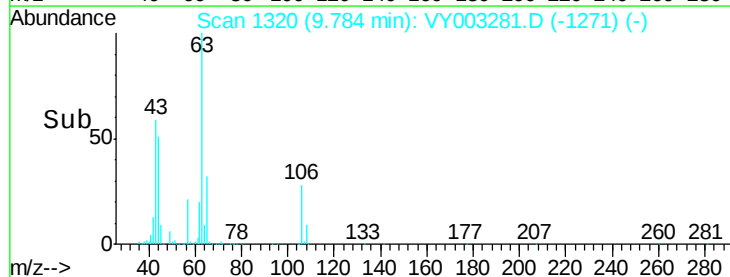
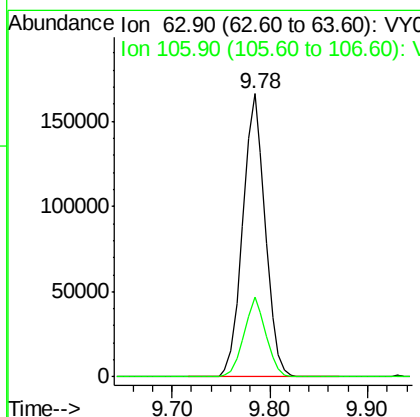
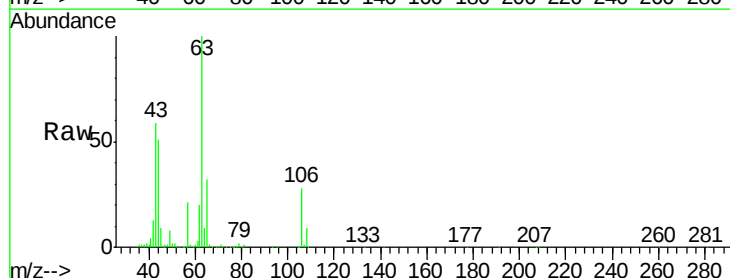
Manual Integrations
 APPROVED

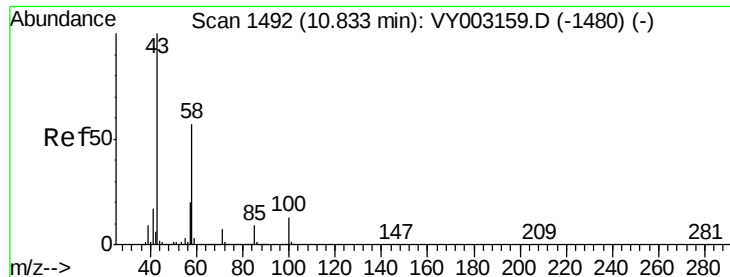
MMDadoda
 7/23/2020 12:23:00 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.564 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.9	34.3





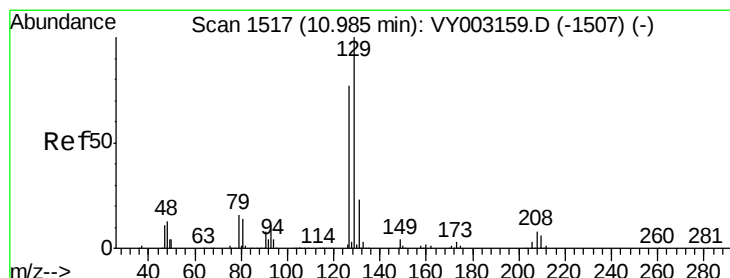
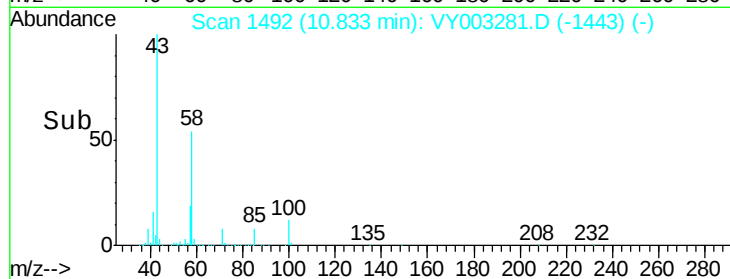
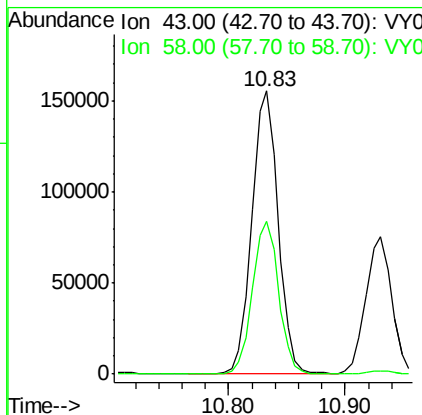
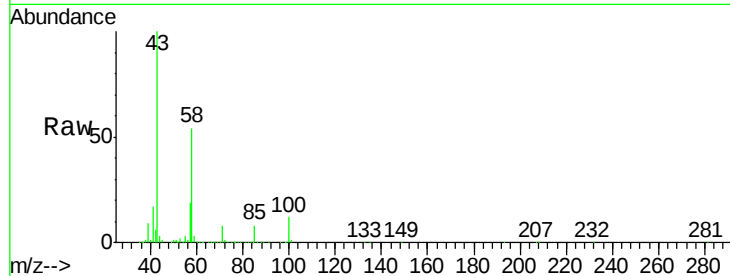
#59
2-Hexanone
Concen: 109.366 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion: 43 Resp: 245732
Ion Ratio Lower Upper
43 100
58 53.9 28.3 85.0

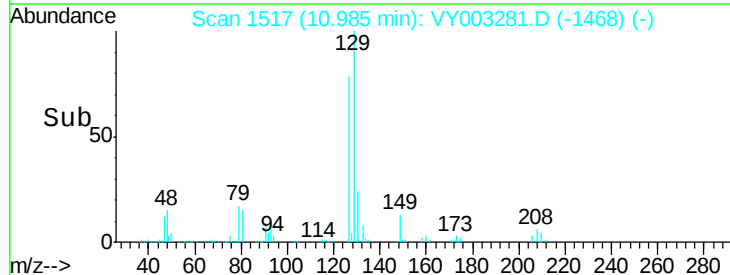
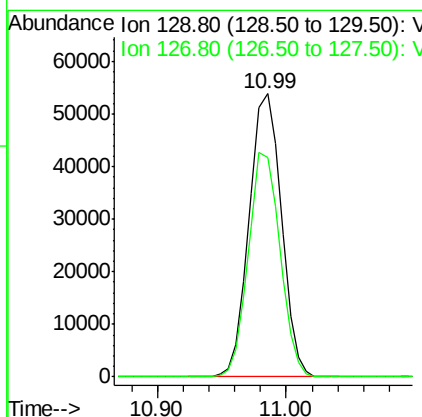
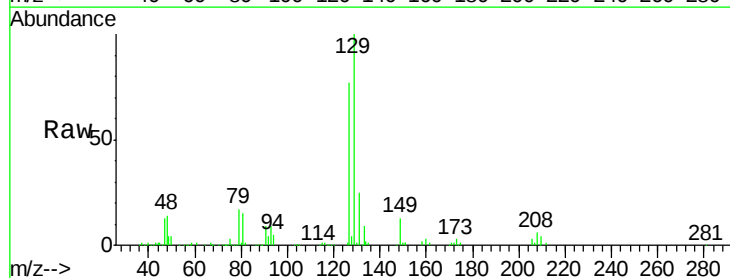
Manual Integrations
APPROVED

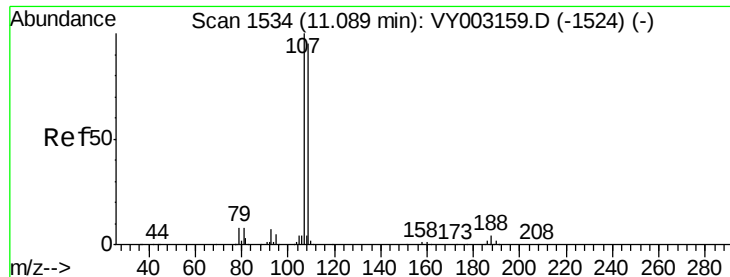
MMDadoda
7/23/2020 12:23:00 PM



#60
Dibromochloromethane
Concen: 21.128 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion: 129 Resp: 93090
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





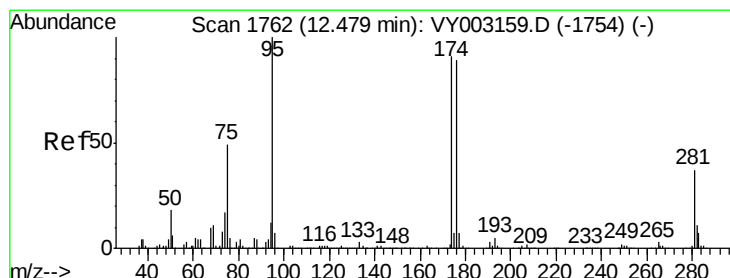
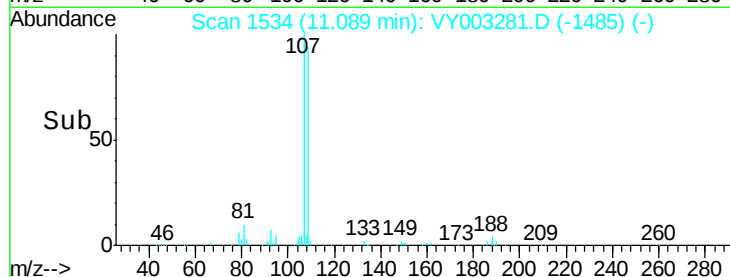
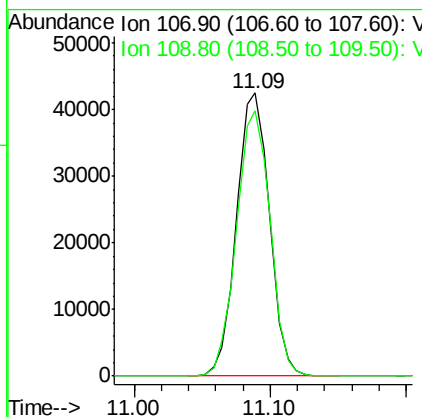
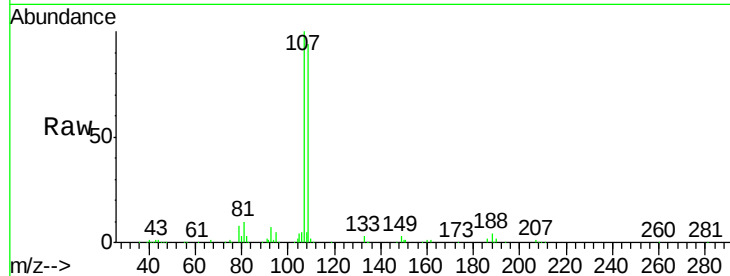
#61
 1,2-Dibromoethane
 Concen: 20.747 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	75.6	113.4

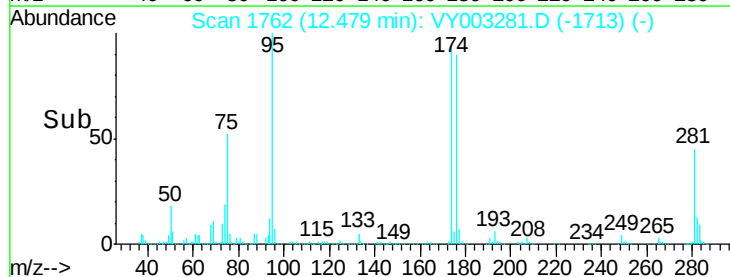
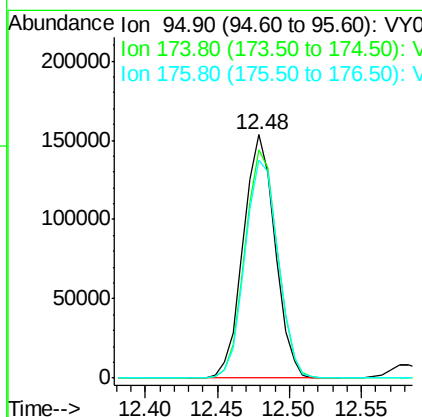
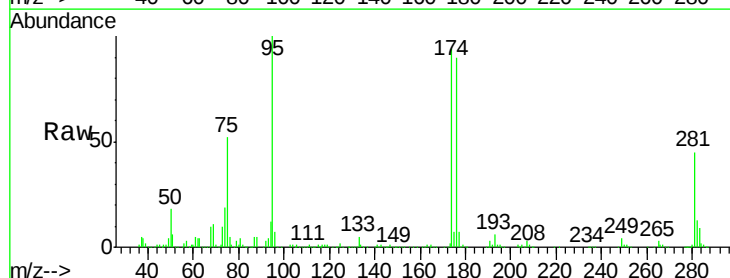
Manual Integrations
 APPROVED

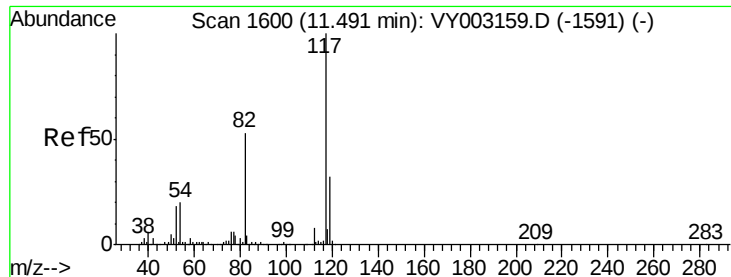
MMDadoda
 7/23/2020 12:23:00 PM



#62
 4-Bromofluorobenzene
 Concen: 46.323 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	190.6
176	92.9	0.0	186.4





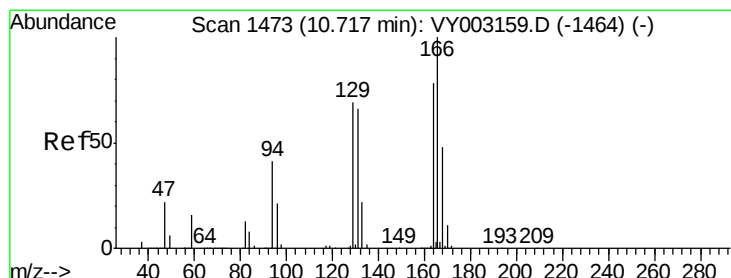
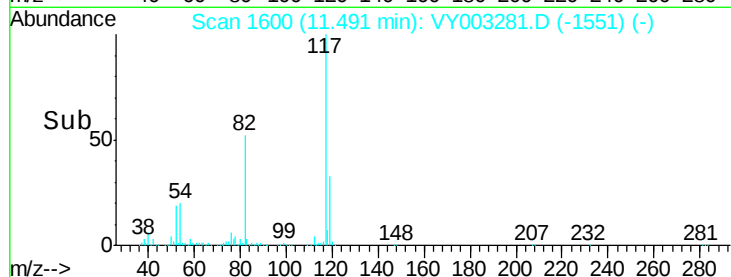
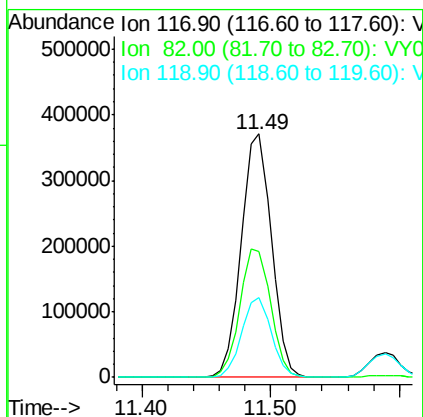
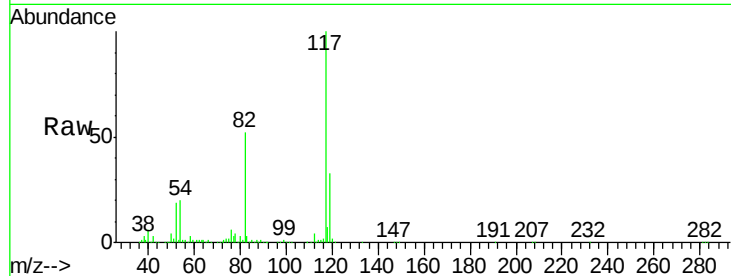
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	601124		
82	51.9	42.0	63.0	
119	32.7	25.5	38.3	

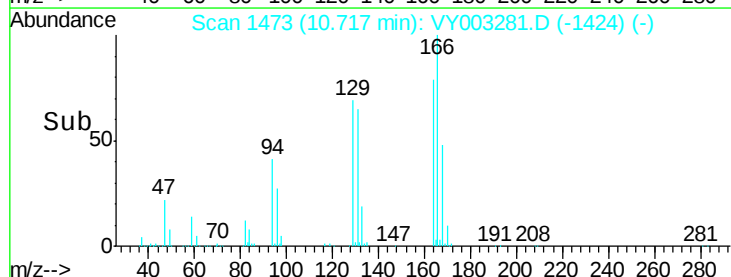
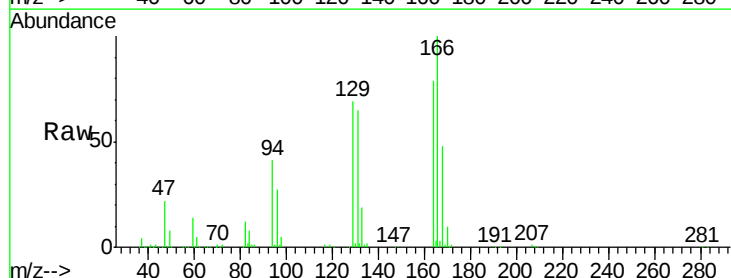
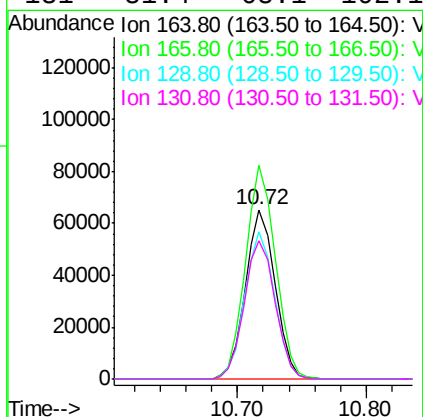
Manual Integrations
APPROVED

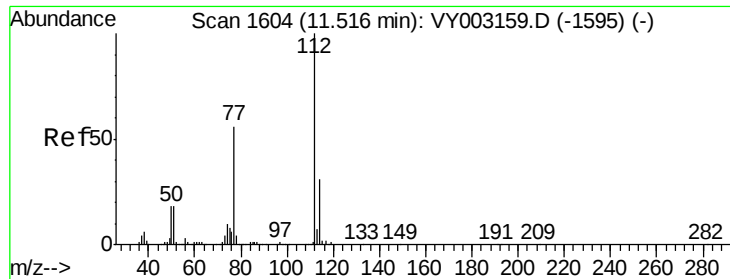
MMDadoda
7/23/2020 12:23:00 PM



#64
Tetrachloroethene
Concen: 19.390 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	103927		
166	126.1	102.9	154.3	
129	86.6	71.4	107.2	
131	81.4	68.1	102.1	





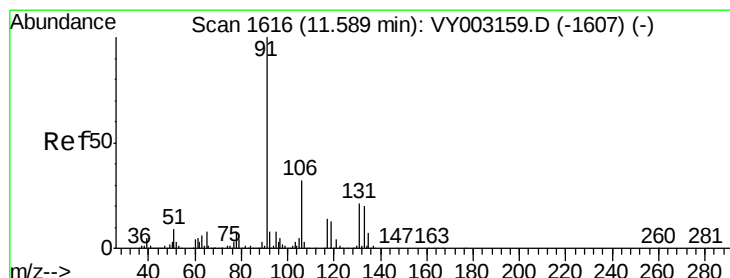
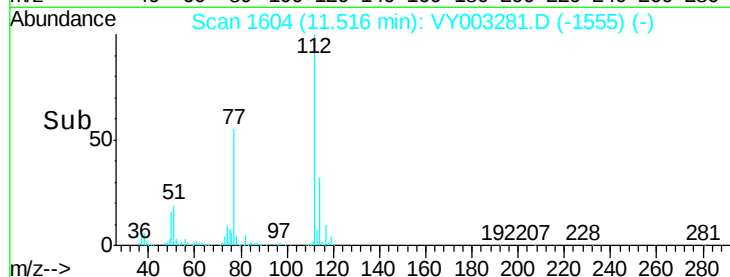
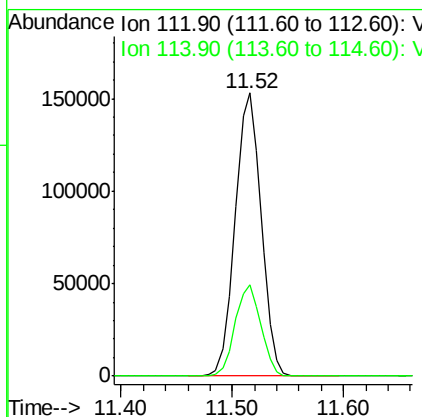
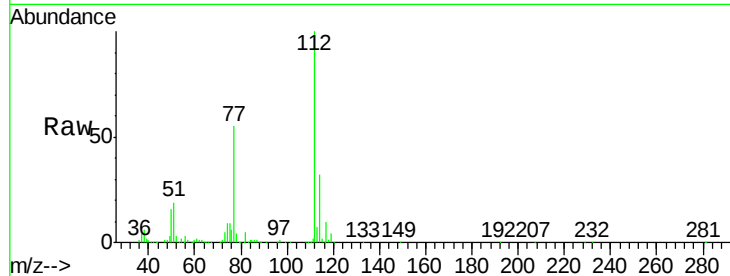
#65
Chlorobenzene
Concen: 21.325 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion:112 Resp: 246947
Ion Ratio Lower Upper
112 100
114 32.5 24.7 37.1

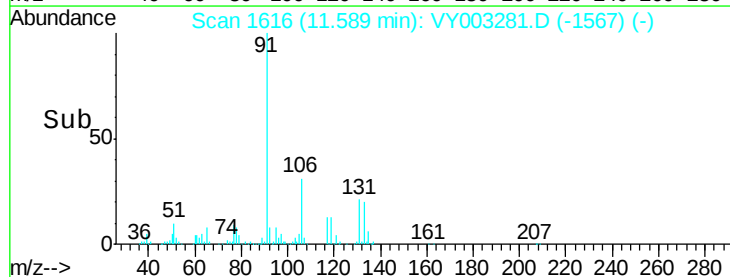
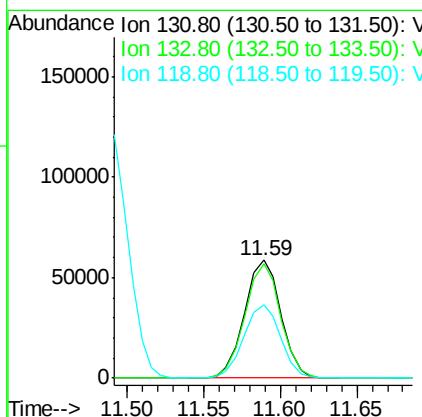
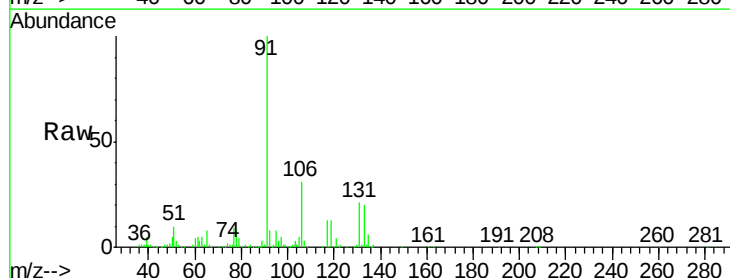
Manual Integrations
APPROVED

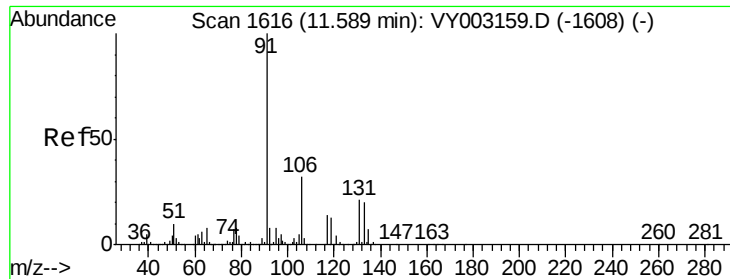
MMDadoda
7/23/2020 12:23:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.427 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion:131 Resp: 96372
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 63.2 32.4 97.0





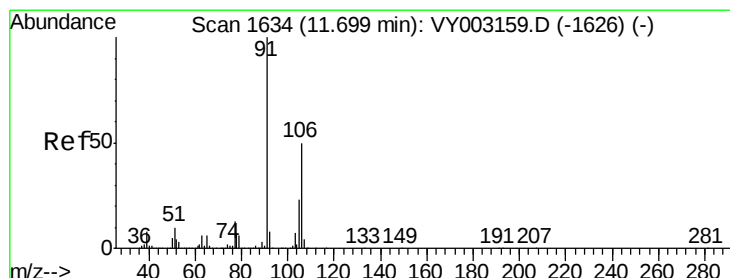
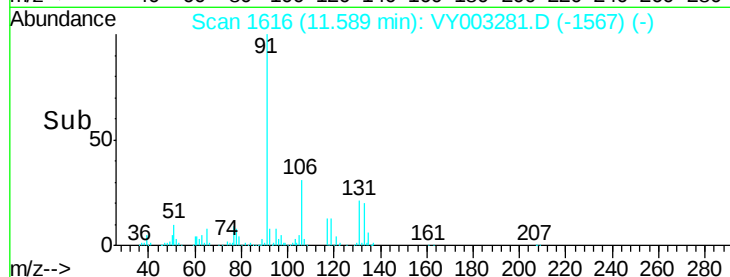
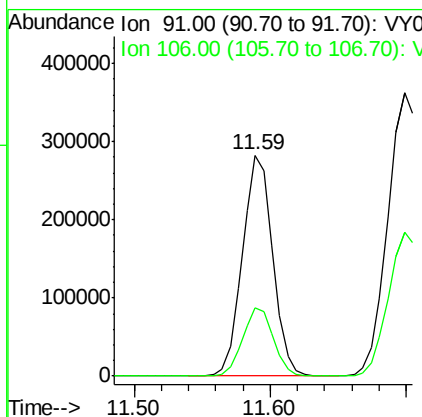
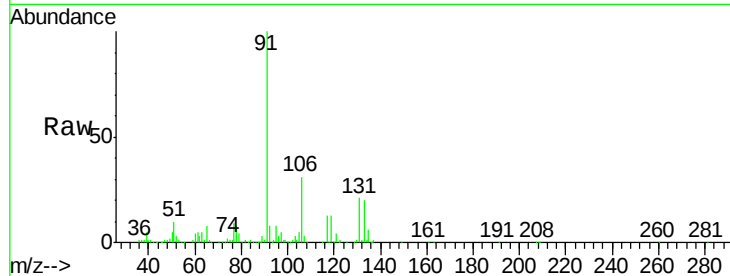
#67
Ethyl Benzene
Concen: 21.220 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion: 91 Resp: 438752
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3

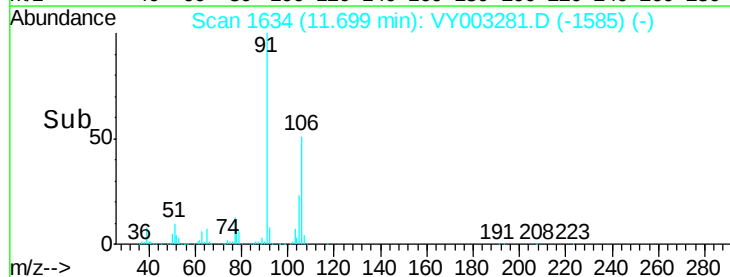
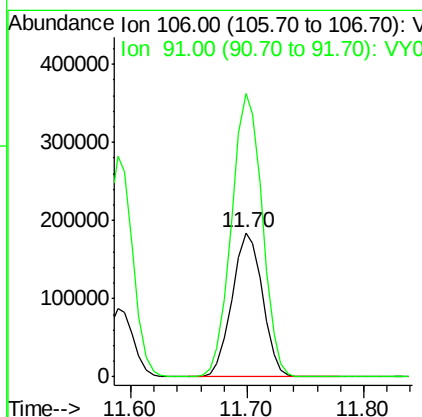
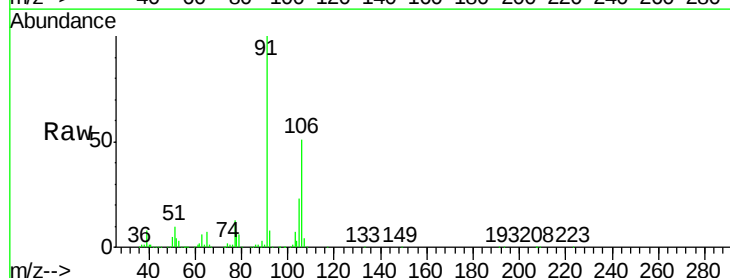
Manual Integrations
APPROVED

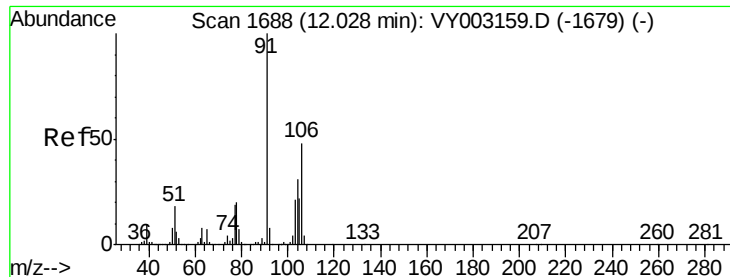
MMDadoda
7/23/2020 12:23:00 PM



#68
m/p-Xylenes
Concen: 42.777 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion: 106 Resp: 335600
Ion Ratio Lower Upper
106 100
91 198.9 159.0 238.6





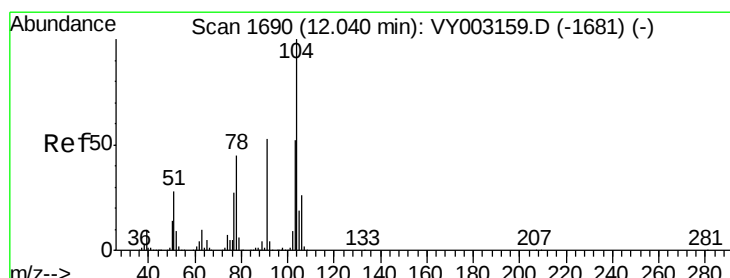
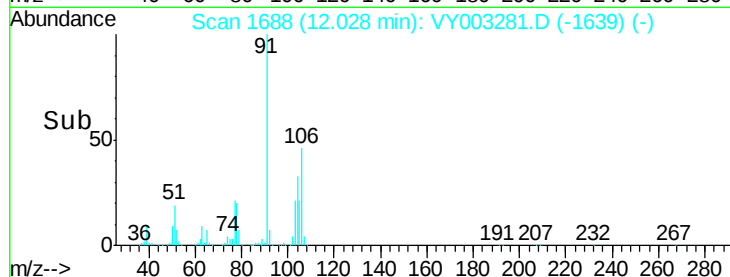
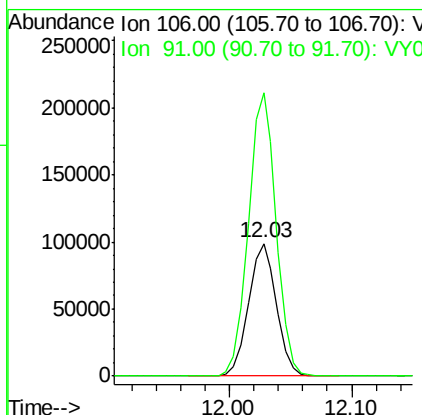
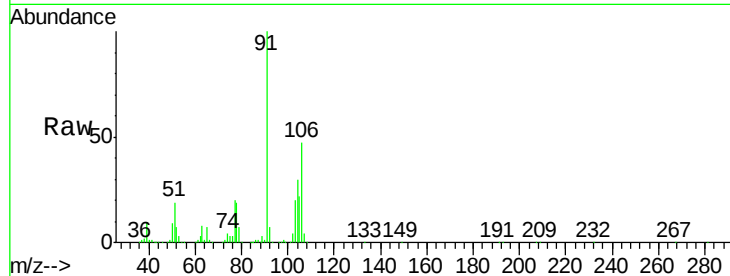
#69
o-Xylene
Concen: 21.248 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion:106 Resp: 155732
Ion Ratio Lower Upper
106 100
91 212.5 105.1 315.1

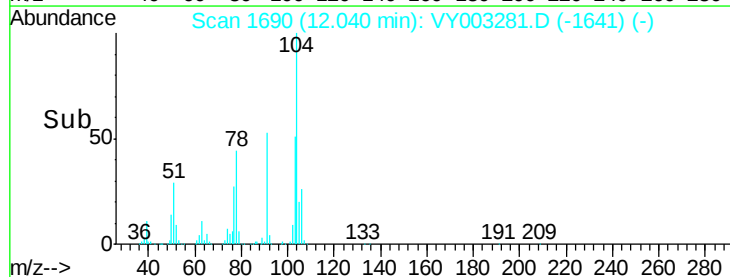
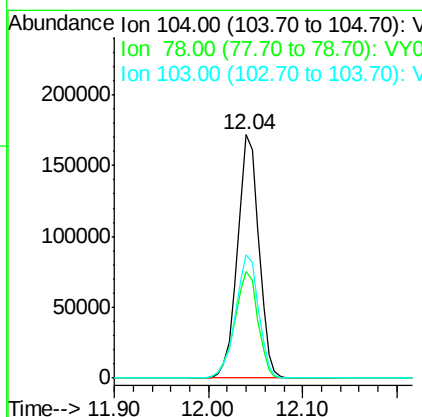
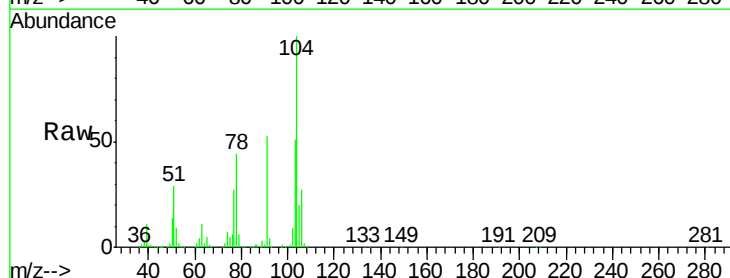
Manual Integrations
APPROVED

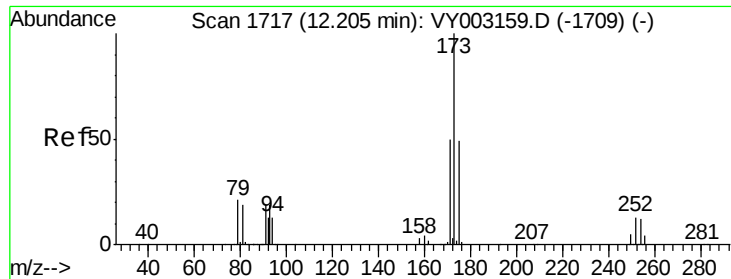
MMDadoda
7/23/2020 12:23:00 PM



#70
Styrene
Concen: 21.618 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion:104 Resp: 271040
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 54.6 43.9 65.9





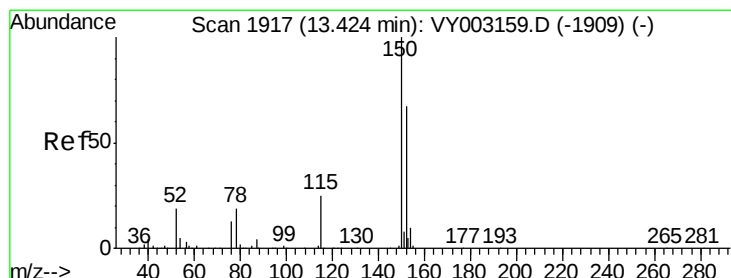
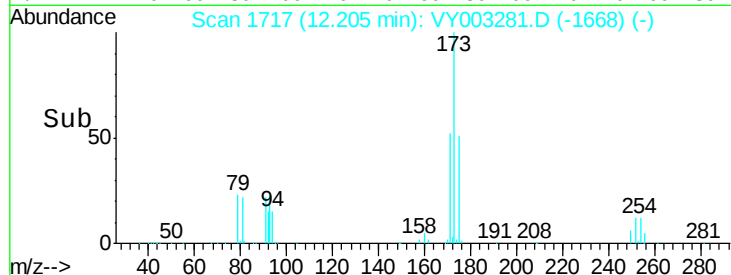
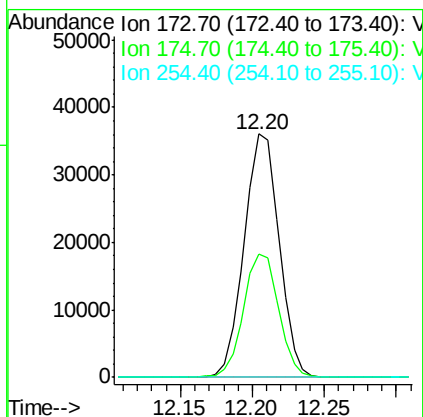
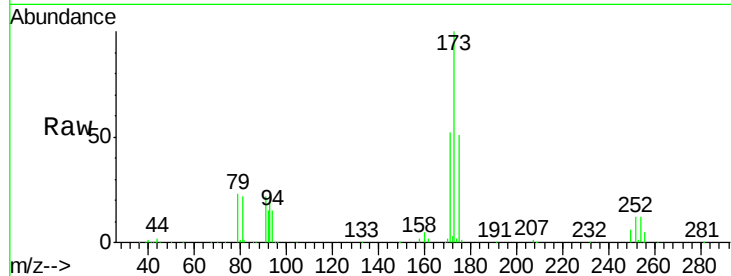
#71
Bromoform
Concen: 20.508 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.9	24.3	73.0
254	0.2	0.2	0.2

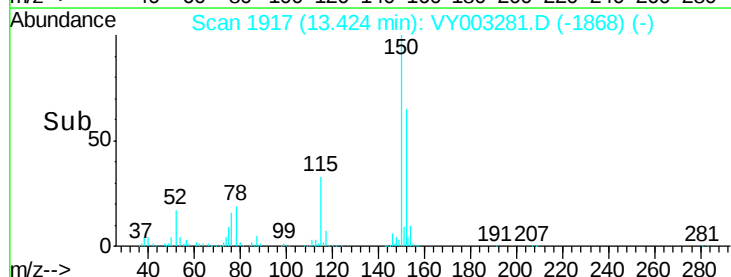
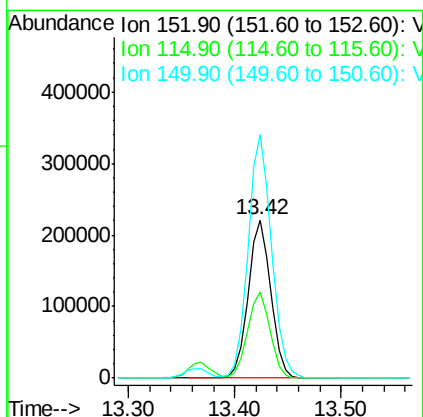
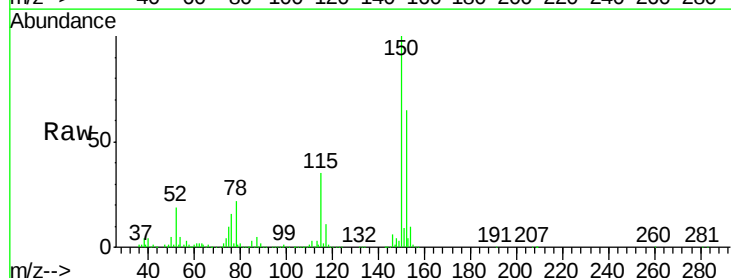
Manual Integrations
APPROVED

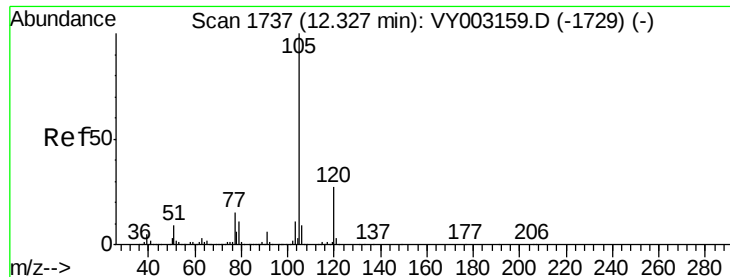
MMDadoda
7/23/2020 12:23:00 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.9	80.7
150	160.0	0.0	338.0





#73

Isopropylbenzene

Concen: 20.623 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

Tot Ion: 105 Resp: 431136

Ion Ratio Lower Upper

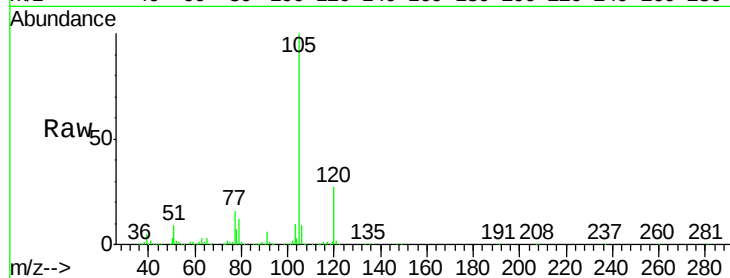
105 100

120 27.2 13.4 40.2

Manual Integrations
APPROVED

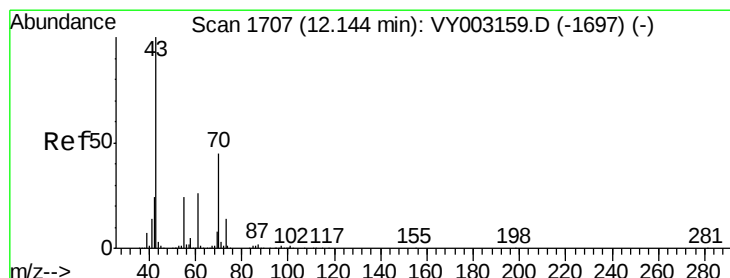
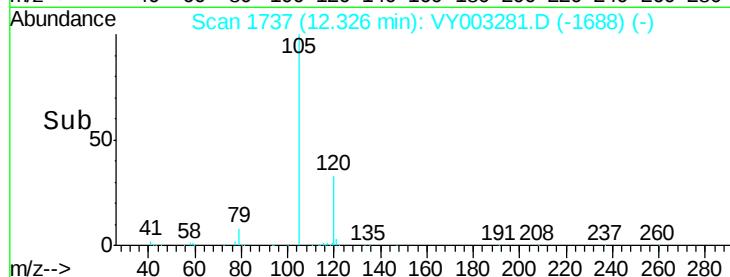
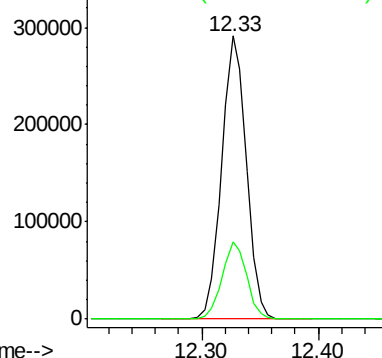
MMDadoda

7/23/2020 12:23:00 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: 20.919 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Tgt Ion: 43 Resp: 122706

Ion Ratio Lower Upper

43 100

70 43.0 35.6 53.4

55 24.7 19.4 29.2

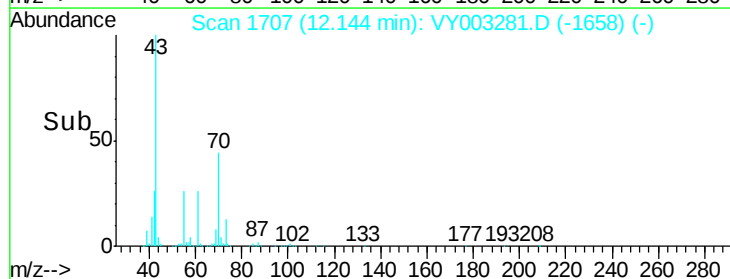
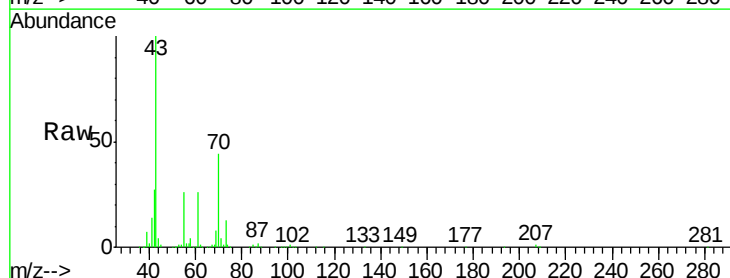
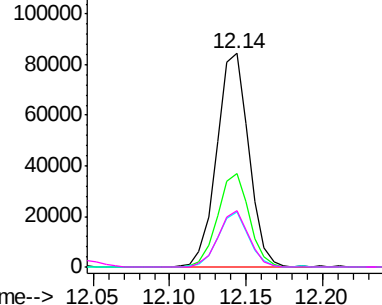
61 25.4 20.8 31.2

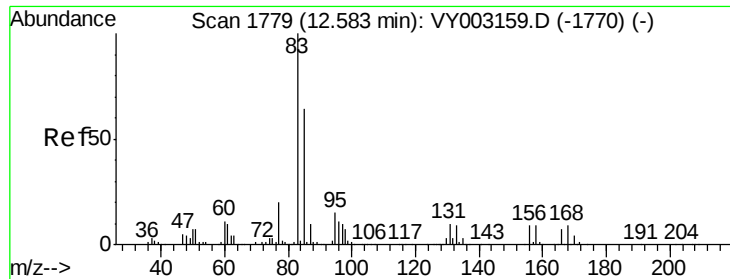
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 21.154 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

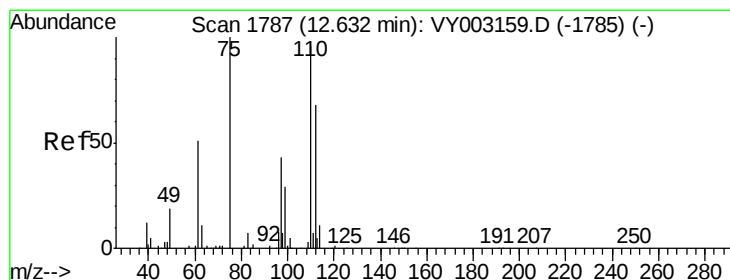
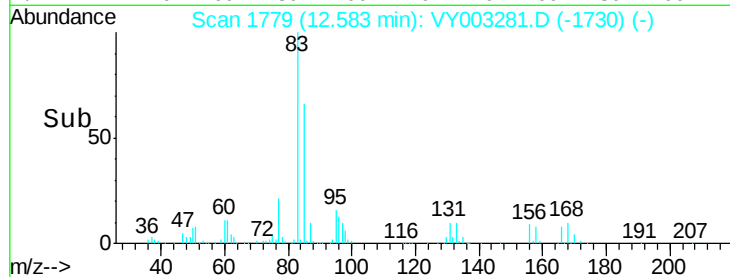
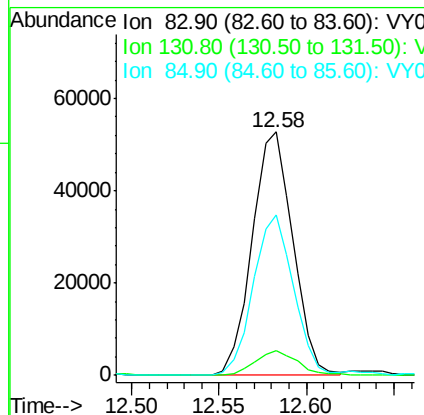
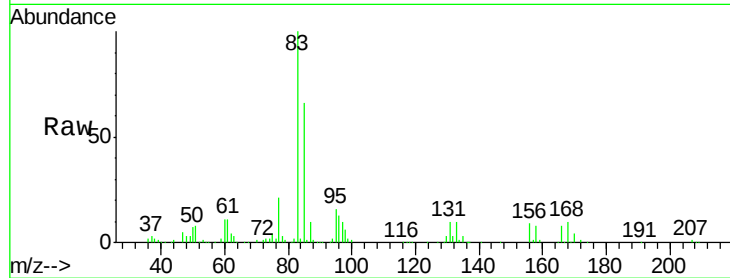
ClientSampleId :

VY0722SBS01

Tot Ion:	83	Resp:	85414
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	65.1	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
7/23/2020 12:23:00 PM



#76

1,2,3-Trichloropropane

Concen: 21.059 ug/l m

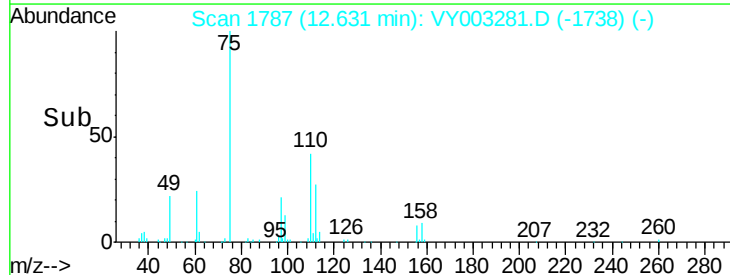
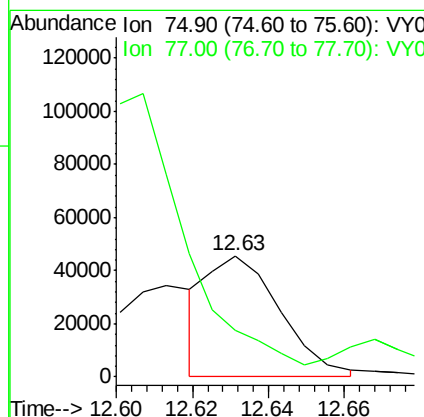
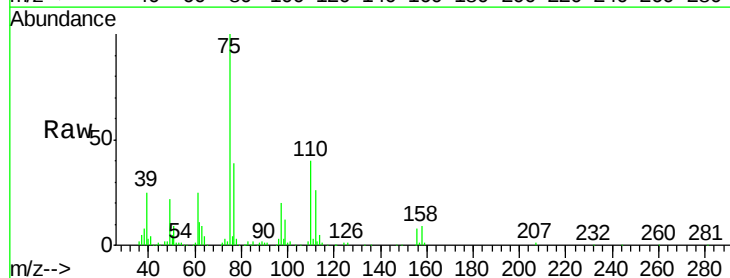
RT: 12.63 min Scan# 1787

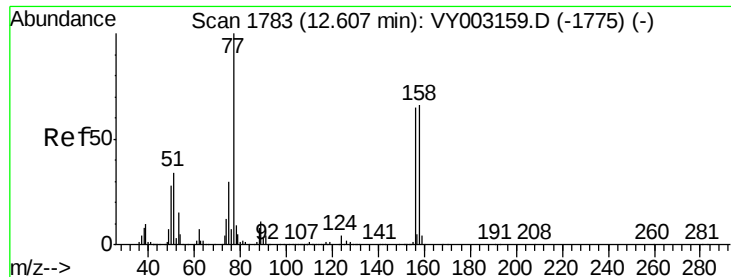
Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Tgt Ion:	75	Resp:	61151
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.327 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

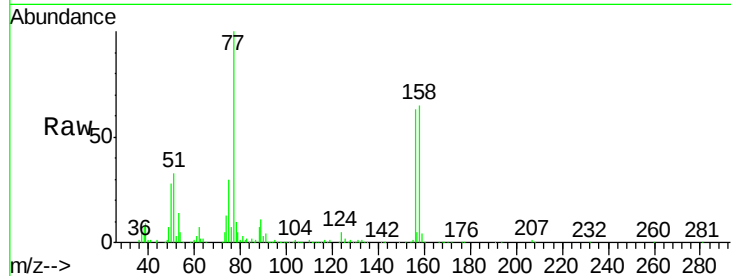
ClientSampleId :

VY0722SBS01

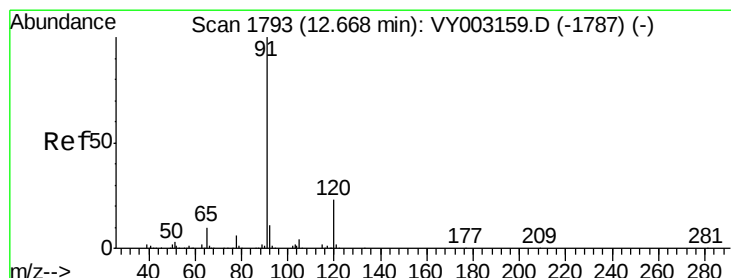
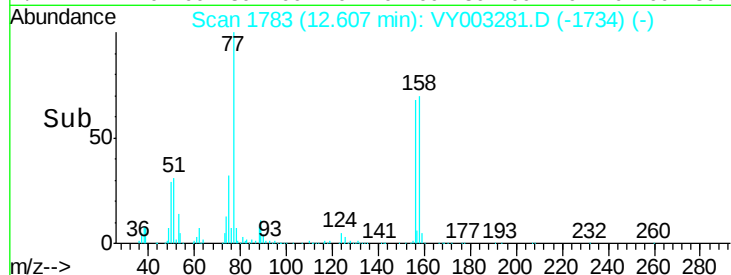
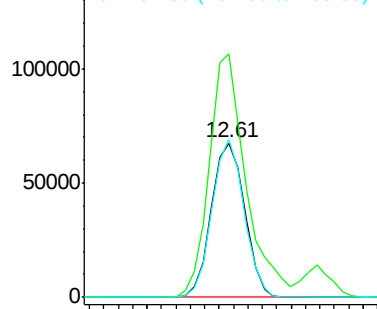
Tot Ion:	156	Resp:	108323
Ion Ratio	Lower	Upper	
156	100		
77	173.8	86.6	259.7
158	98.1	49.4	148.0

Manual Integrations
APPROVED

MMDadoda
7/23/2020 12:23:00 PM



Abundance Ion 155.80 (155.50 to 156.50): VY003159.D (-1775) (-)



#78

n-propylbenzene

Concen: 20.851 ug/l

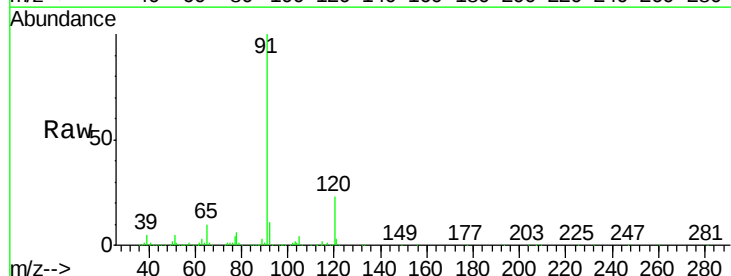
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

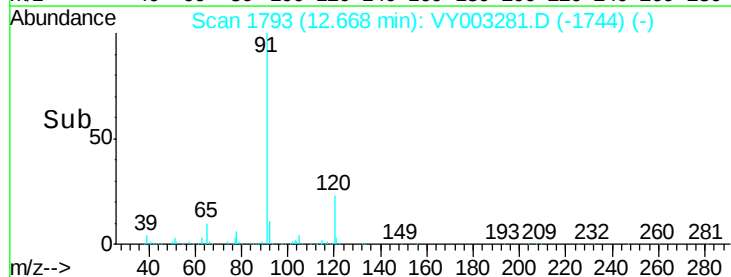
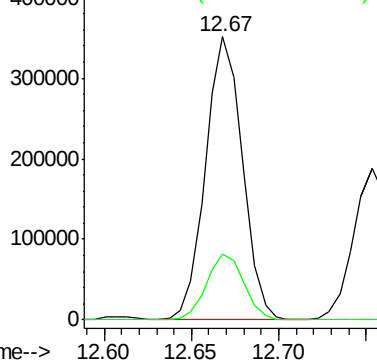
Lab File: VY003281.D

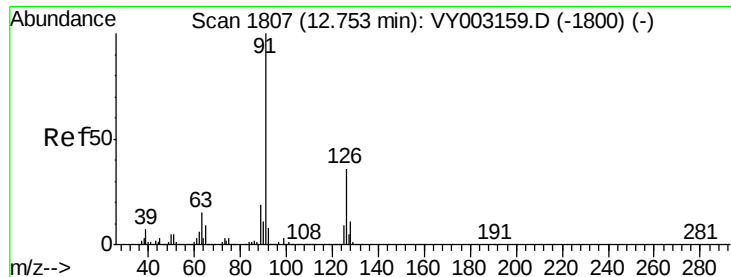
Acq: 22 Jul 2020 12:21

Tgt Ion:	91	Resp:	513824
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1787) (-)





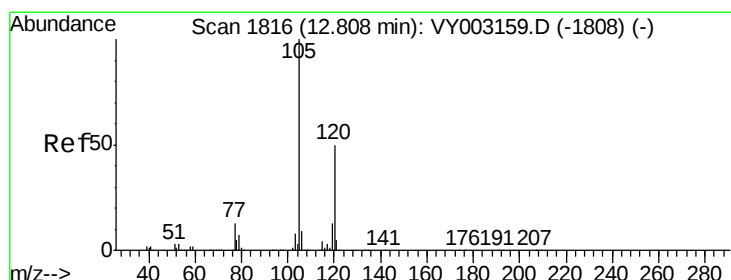
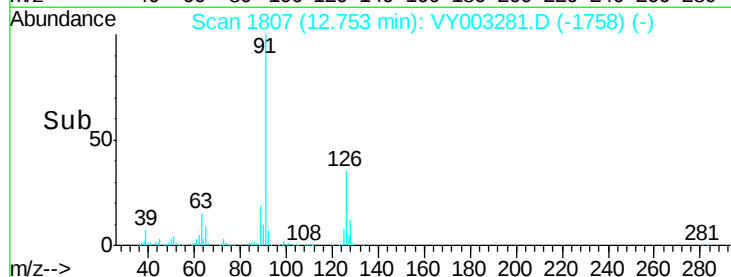
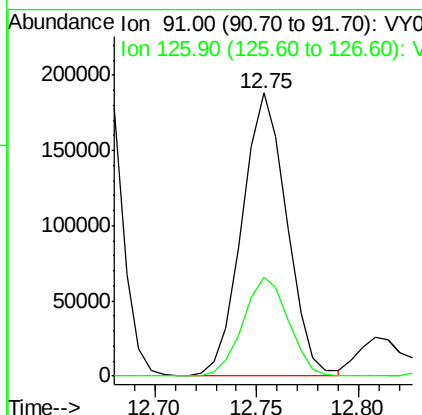
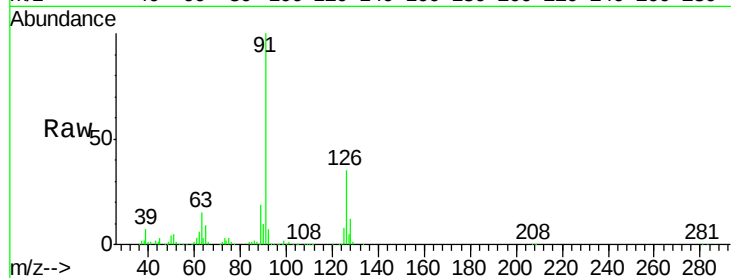
#79
2-Chlorotoluene
Concen: 20.933 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion: 91 Resp: 287805
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.9

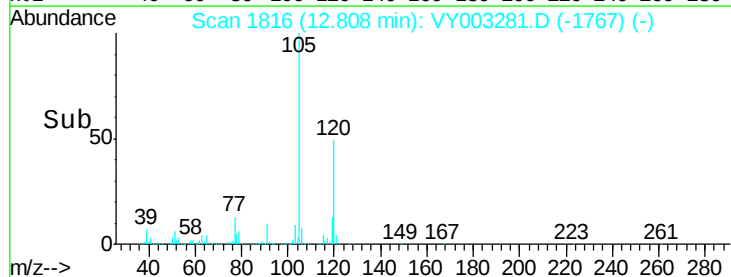
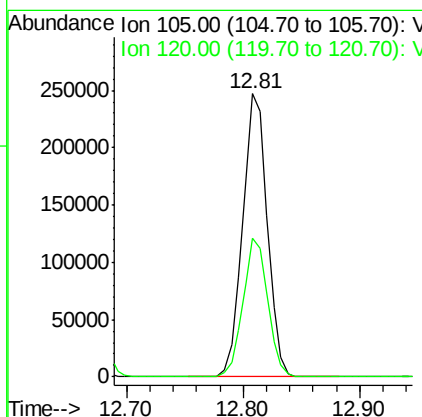
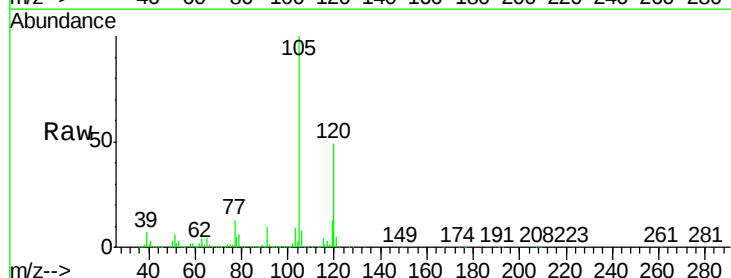
Manual Integrations
APPROVED

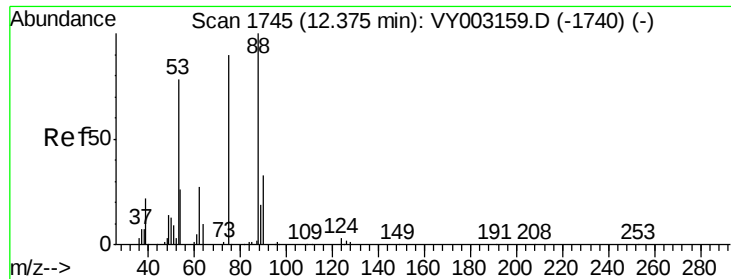
MMDadoda
7/23/2020 12:23:00 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.970 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion: 105 Resp: 365384
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.958 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

Tot Ion: 75 Resp: 29779

Ion Ratio Lower Upper

75 100

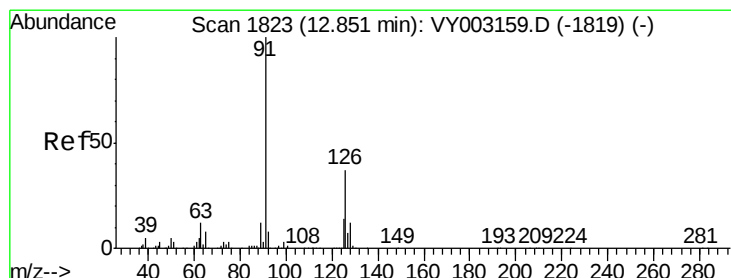
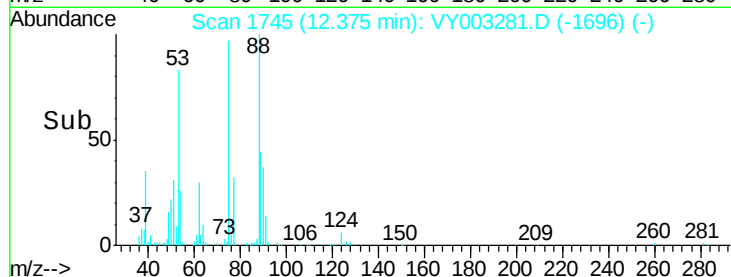
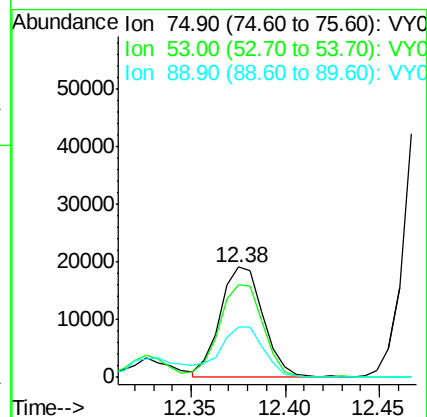
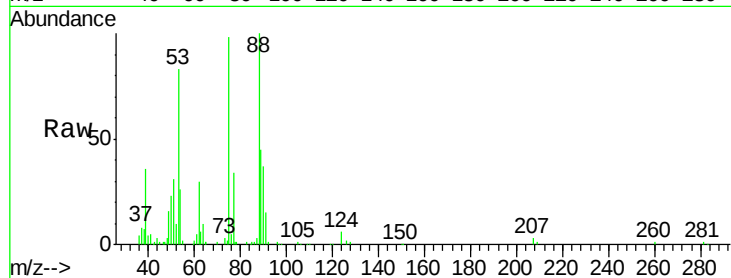
53 86.2 72.0 108.0

89 47.7 37.3 55.9

Manual Integrations
APPROVED

MMDadoda

7/23/2020 12:23:00 PM



#82

4-Chlorotoluene

Concen: 20.816 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003281.D

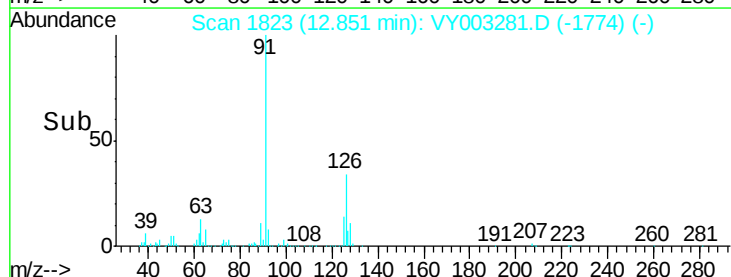
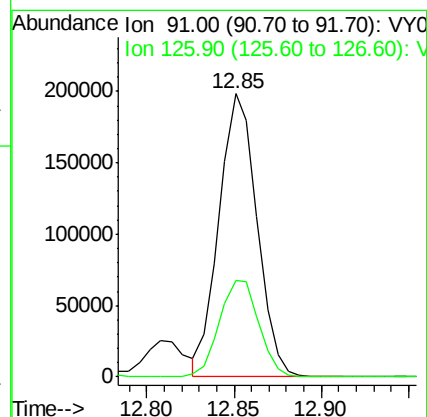
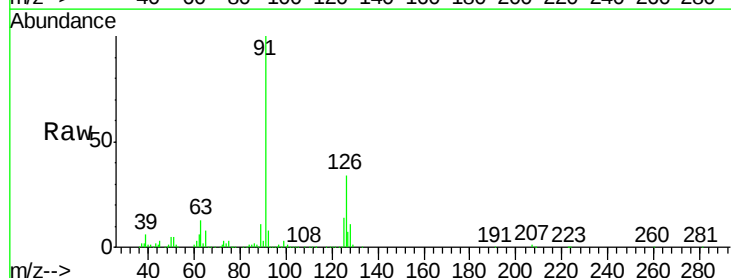
Acq: 22 Jul 2020 12:21

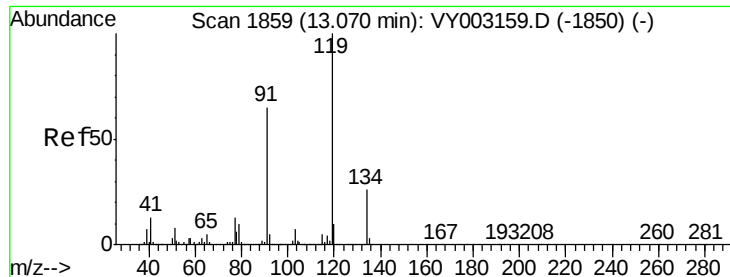
Tgt Ion: 91 Resp: 298716

Ion Ratio Lower Upper

91 100

126 35.6 17.9 53.7





#83

tert-Butylbenzene

Concen: 20.987 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

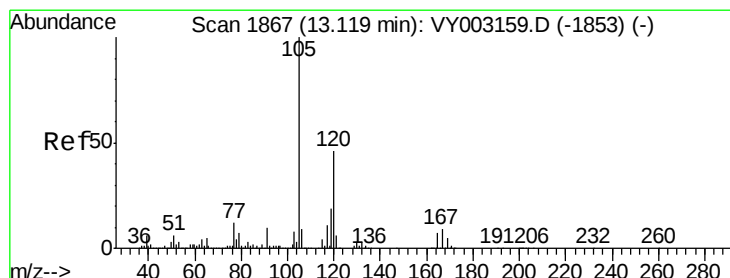
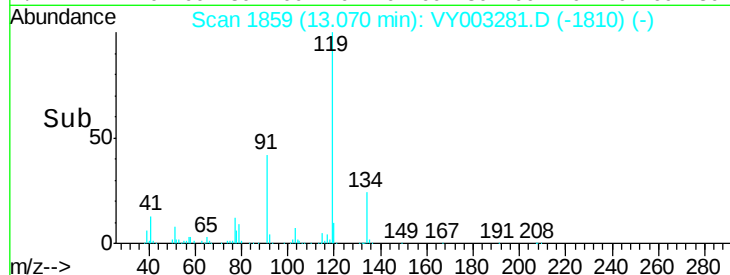
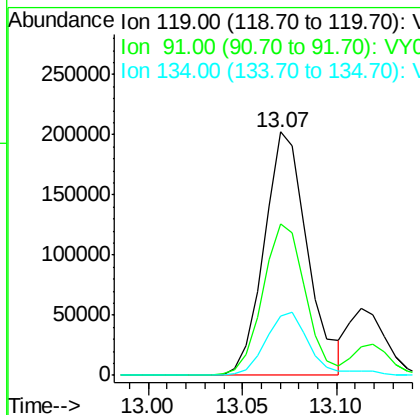
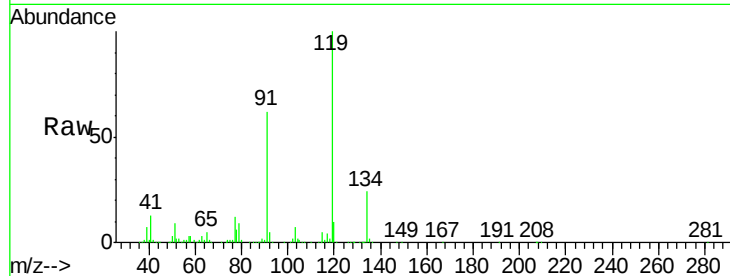
ClientSampleId :

VY0722SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.8	92.4
134	26.5	13.2	39.6

Manual Integrations
APPROVED

MMDadoda
7/23/2020 12:23:00 PM



#84

1,2,4-Trimethylbenzene

Concen: 20.929 ug/l

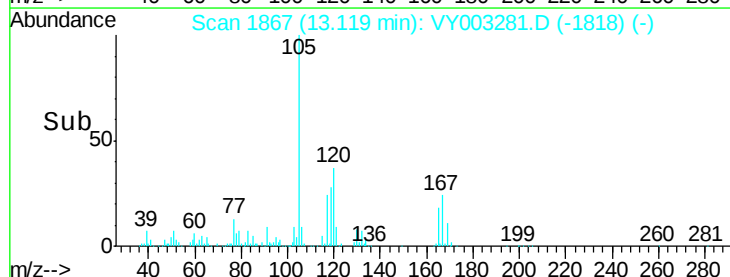
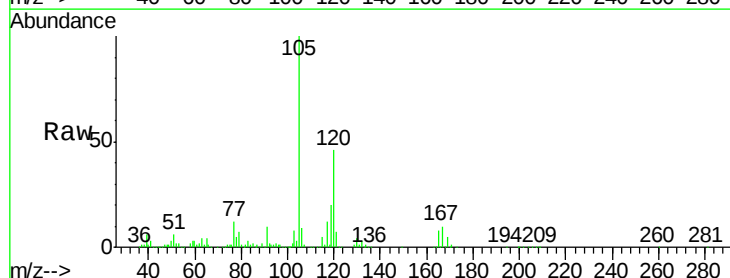
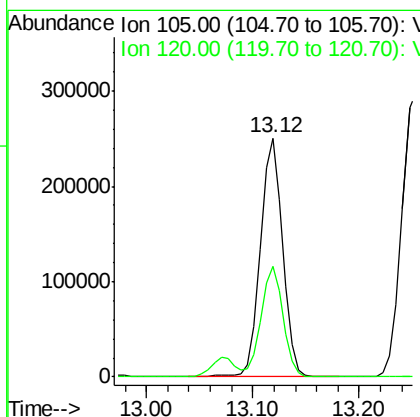
RT: 13.12 min Scan# 1867

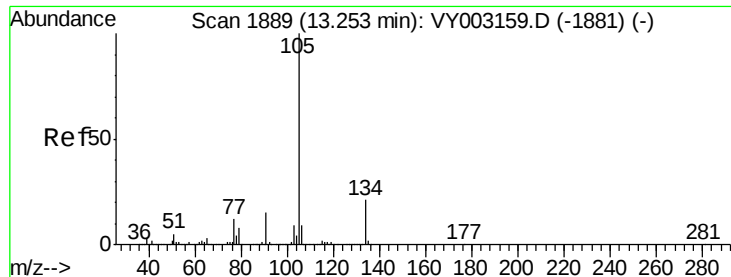
Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.5	67.5





#85

sec-Butylbenzene

Concen: 21.271 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBS01

Tot Ion:105 Resp: 449478

Ion Ratio Lower Upper

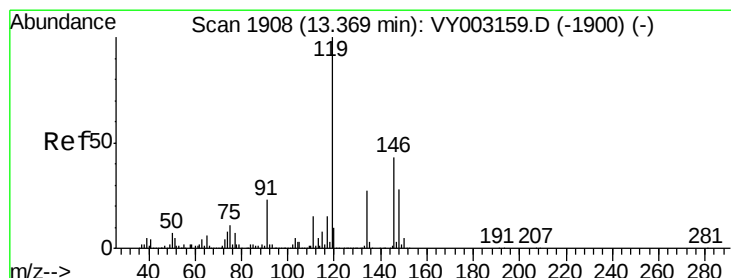
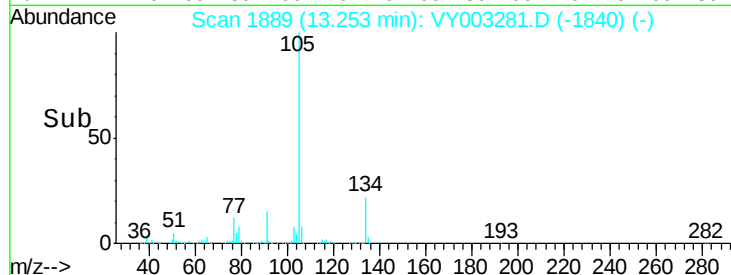
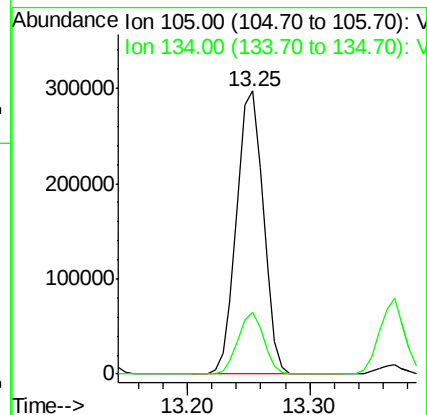
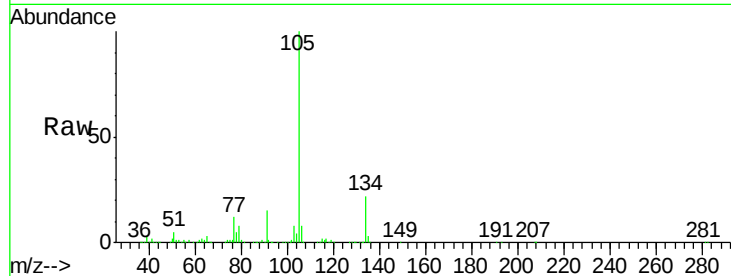
105 100

134 20.9 10.4 31.4

Manual Integrations
APPROVED

MMDadoda

7/23/2020 12:23:00 PM



#86

p-Isopropyltoluene

Concen: 20.808 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003281.D

Acq: 22 Jul 2020 12:21

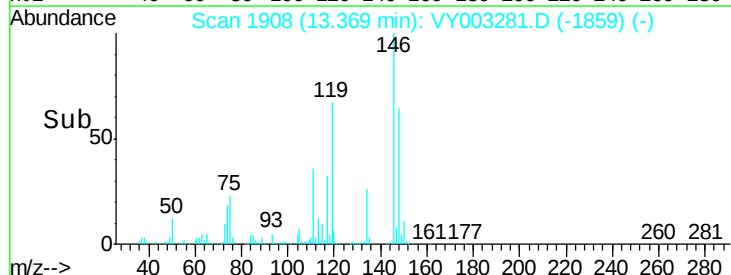
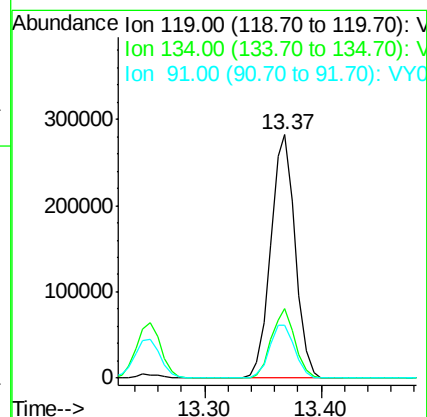
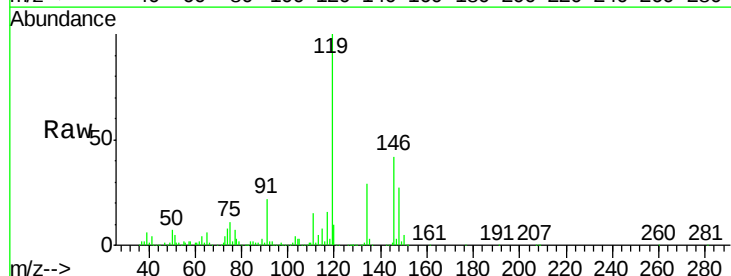
Tgt Ion:119 Resp: 410550

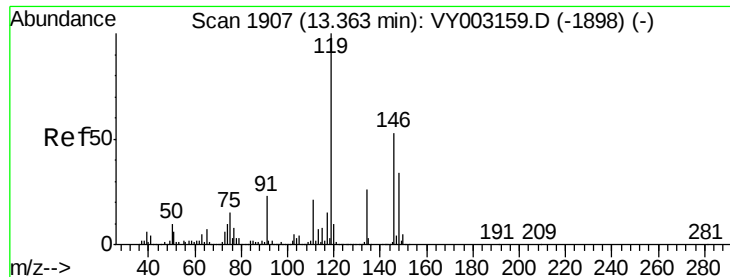
Ion Ratio Lower Upper

119 100

134 27.6 13.4 40.2

91 22.4 11.2 33.6





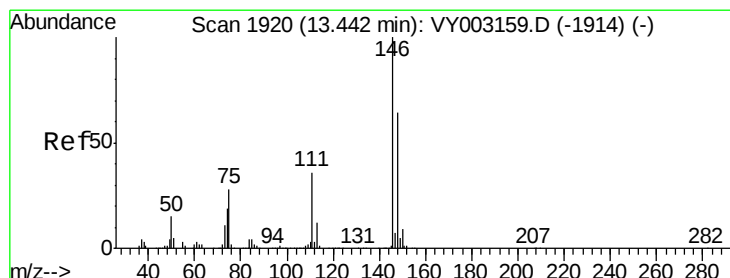
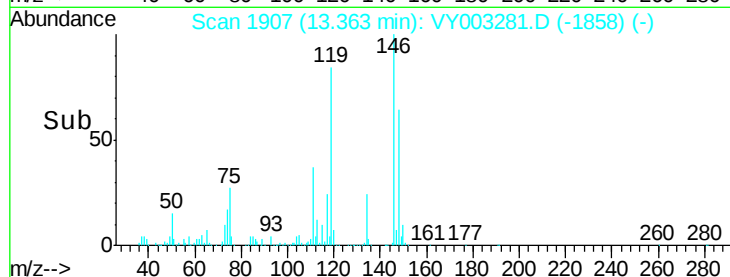
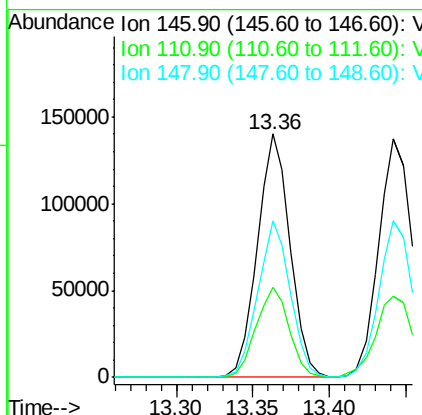
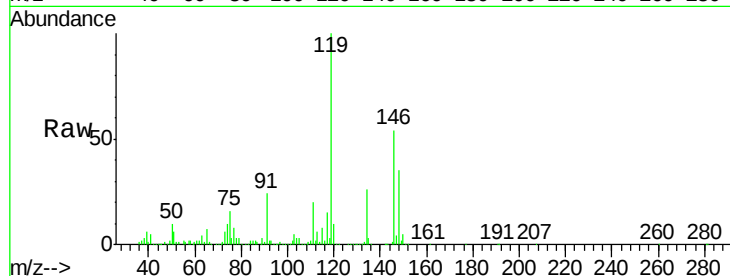
#87
 1,3-Dichlorobenzene
 Concen: 20.649 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	63.8	32.3	96.9

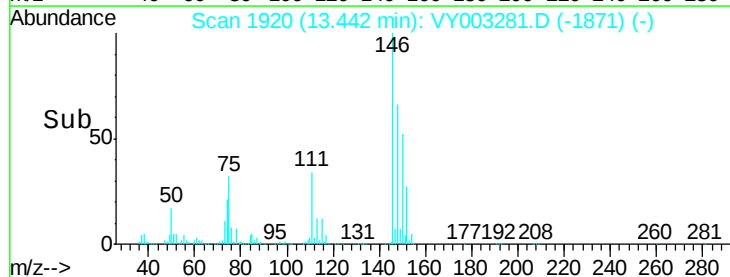
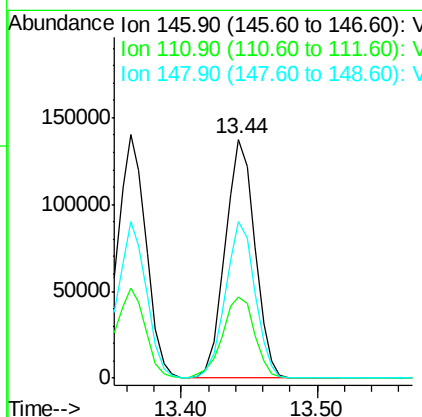
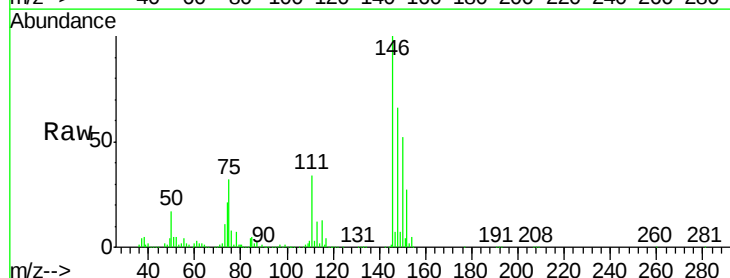
Manual Integrations
 APPROVED

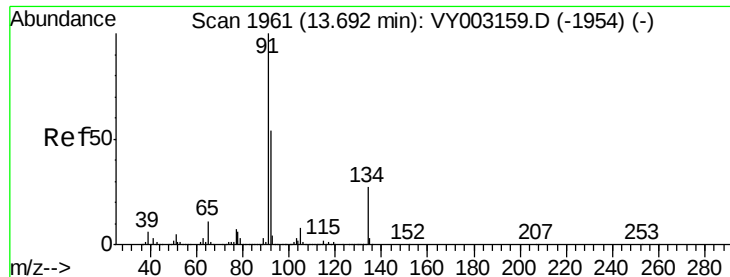
MMDadoda
 7/23/2020 12:23:00 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.875 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.0
148	65.5	32.0	96.0





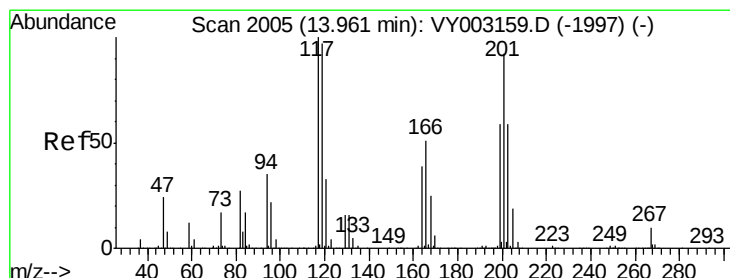
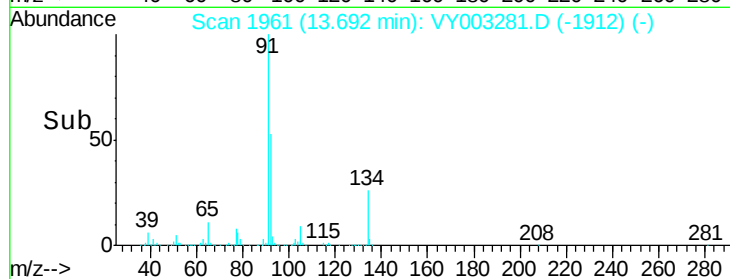
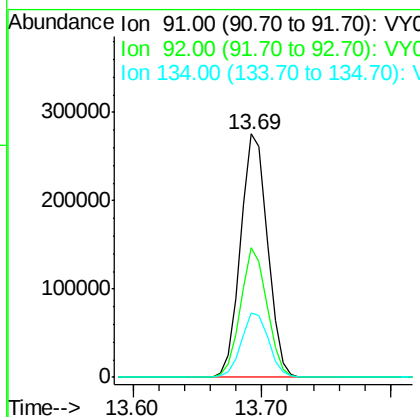
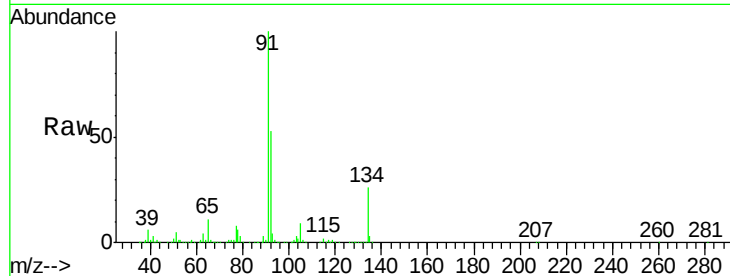
#89
n-Butylbenzene
Concen: 21.504 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.9	80.7
134	26.6	13.6	40.7

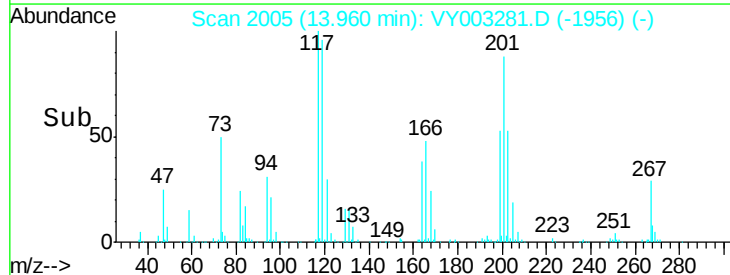
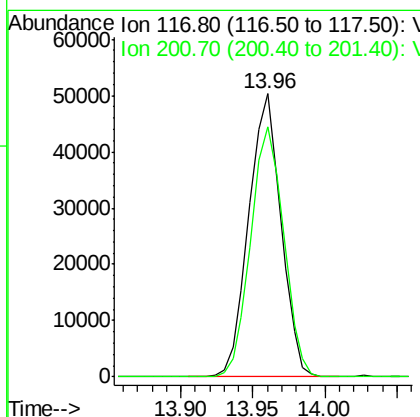
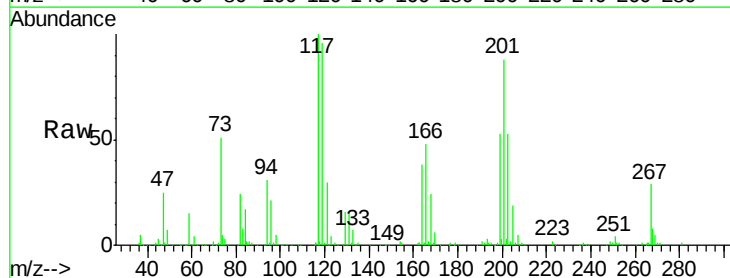
Manual Integrations
APPROVED

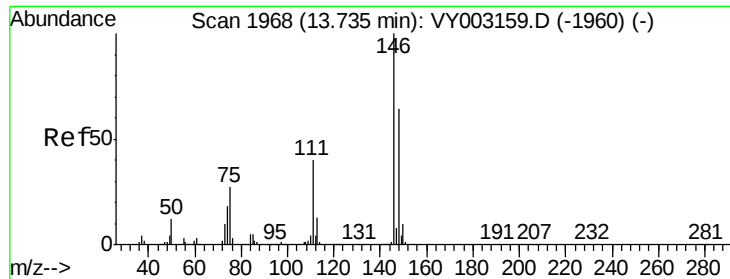
MMDadoda
7/23/2020 12:23:00 PM



#90
Hexachloroethane
Concen: 21.614 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.5	45.1	135.3





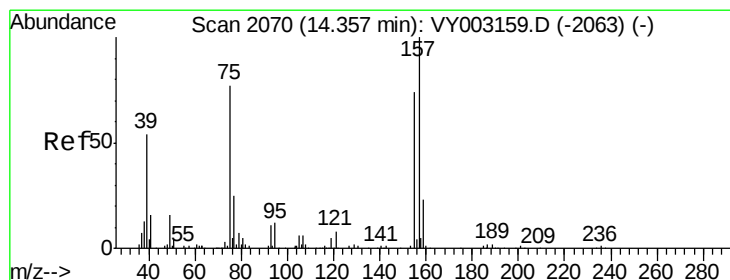
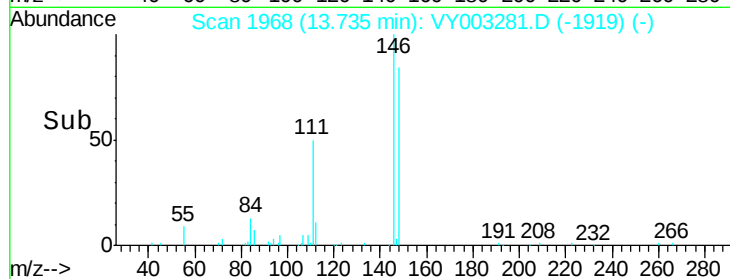
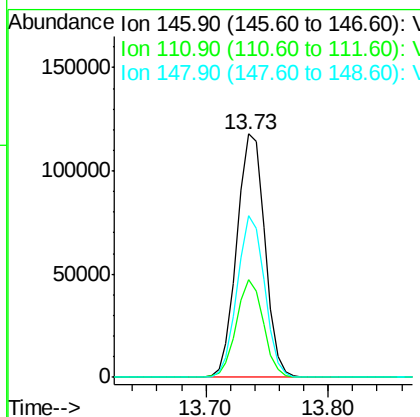
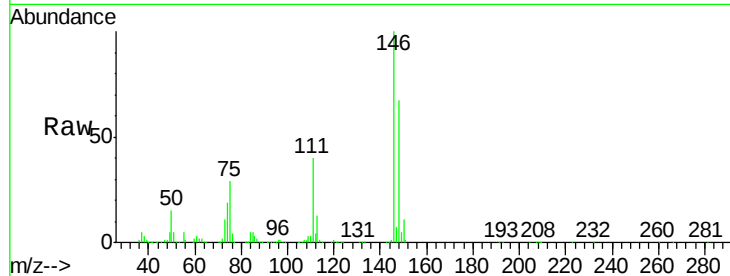
#91
 1,2-Dichlorobenzene
 Concen: 21.081 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.8
148	65.1	32.4	97.0

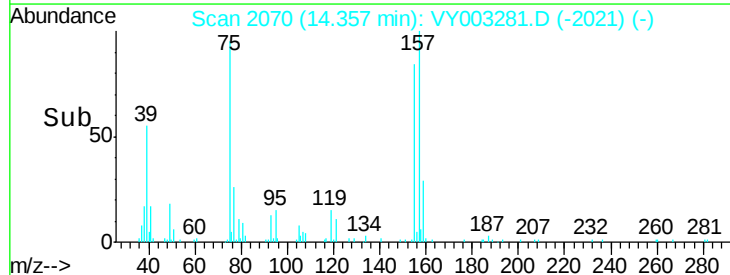
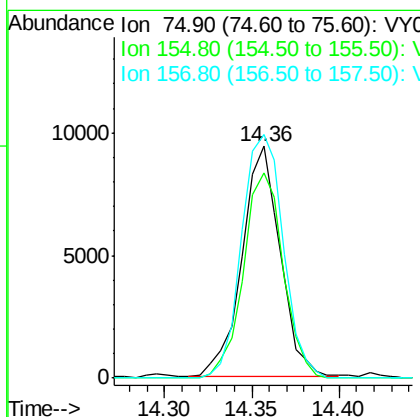
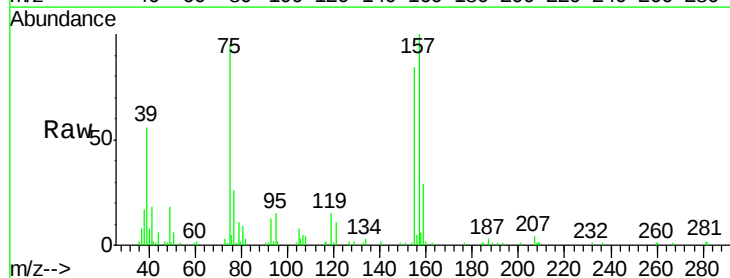
Manual Integrations
 APPROVED

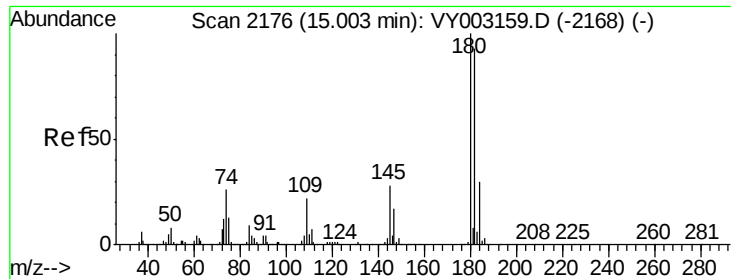
MMDadoda
 7/23/2020 12:23:00 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.748 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.2	48.1	144.3
157	115.3	61.9	185.6





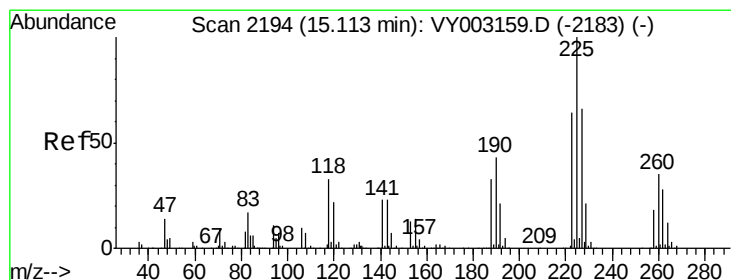
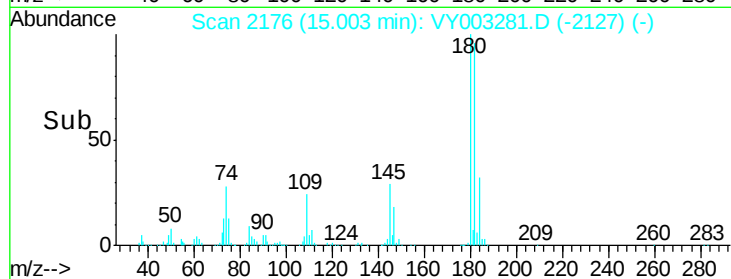
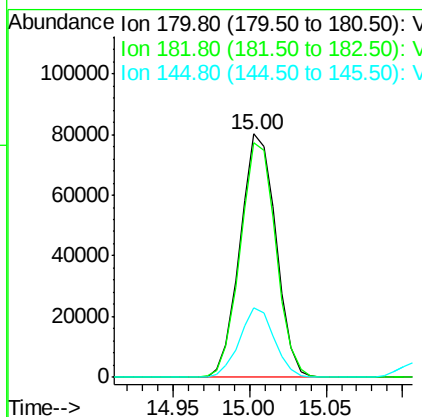
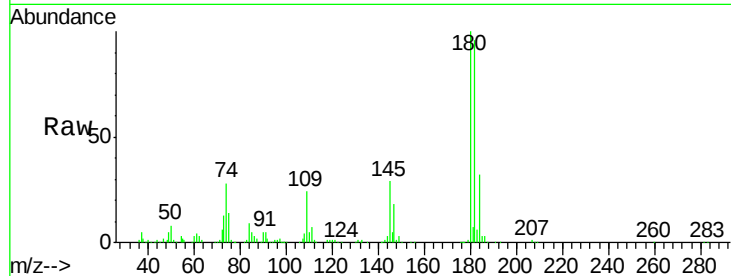
#93
 1,2,4-Trichlorobenzene
 Concen: 20.736 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	130455		
182	95.8	47.3	142.0	
145	27.8	13.7	41.1	

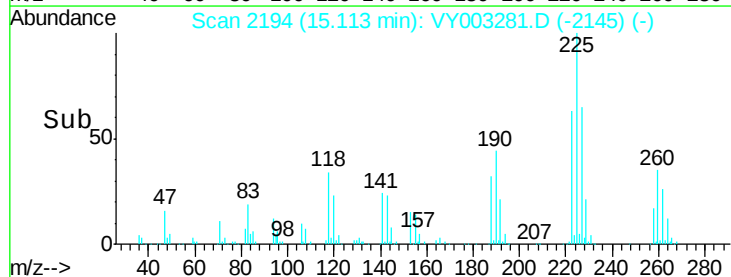
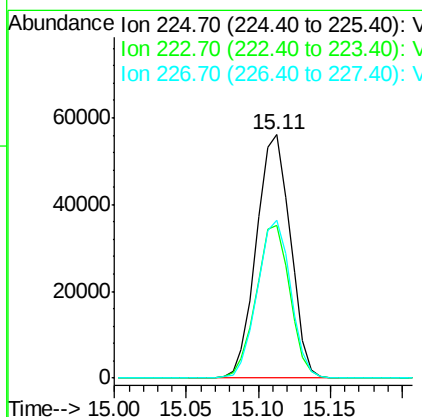
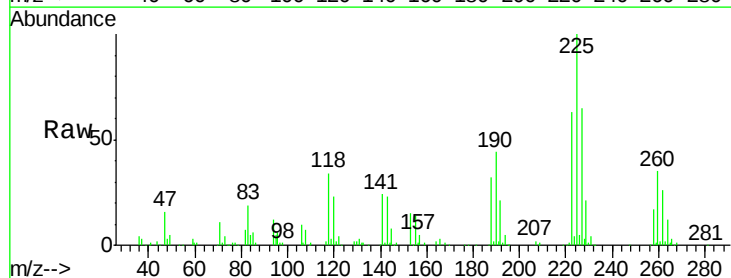
Manual Integrations
 APPROVED

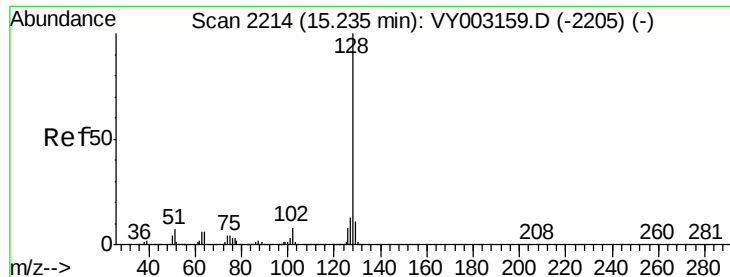
MMDadoda
 7/23/2020 12:23:00 PM



#94
 Hexachlorobutadiene
 Concen: 21.176 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003281.D
 Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	91286		
223	62.3	31.6	94.7	
227	63.8	32.3	96.8	





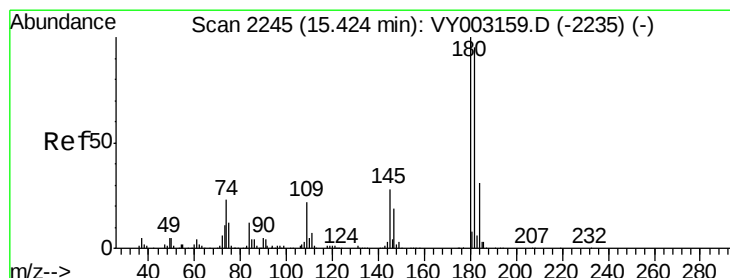
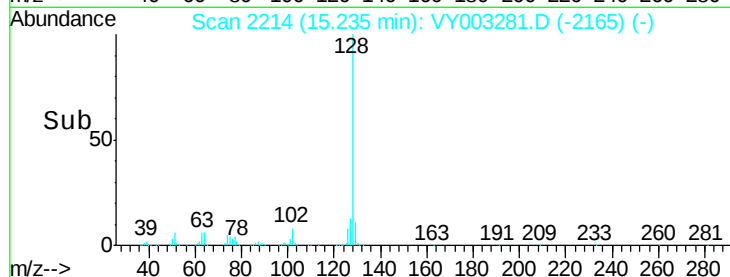
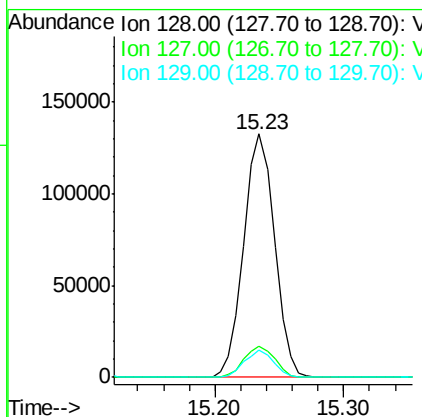
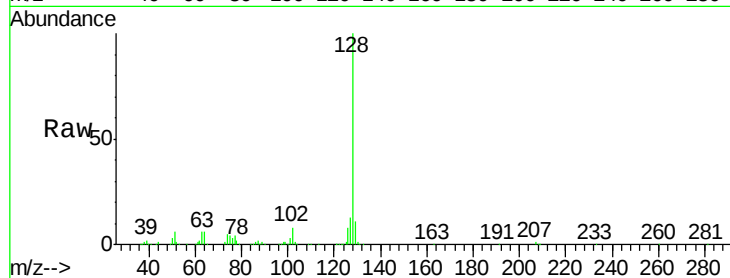
#95
Naphthalene
Concen: 21.077 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	219148		
127	12.9		10.9	16.3
129	10.7		9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/23/2020 12:23:00 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.154 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003281.D
Acq: 22 Jul 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105202		
182	98.2		48.8	146.3
145	28.7		14.9	44.5

