

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
 Data File : VY003372.D
 Acq On : 28 Jul 2020 13:52
 Operator : SY/MD
 Sample : VY0728SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:07:23 PM

Quant Time: Jul 29 03:03:39 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	7.79	168	458667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	676018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	613730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	330239	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	191603	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.98%		
35) Dibromofluoromethane	7.72	113	187630	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.46%		
50) Toluene-d8	10.18	98	674766	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.30%		
62) 4-Bromofluorobenzene	12.48	95	249252	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.40%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	72381	22.018	ug/l	98
3) Chloromethane	2.12	50	99342	21.786	ug/l	99
4) Vinyl Chloride	2.26	62	101453	21.685	ug/l	98
5) Bromomethane	2.65	94	77535	22.312	ug/l	100
6) Chloroethane	2.79	64	65005	21.154	ug/l	95
7) Trichlorofluoromethane	3.13	101	146244	21.888	ug/l	96
8) Diethyl Ether	3.53	74	50214	22.428	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	86549	21.448	ug/l	99
10) Methyl Iodide	4.09	142	87630	19.988	ug/l	99
11) Tert butyl alcohol	4.96	59	54085	129.201	ug/l	95
12) 1,1-Dichloroethene	3.87	96	83574	21.897	ug/l	98
13) Acrolein	3.74	56	24201	66.606	ug/l	99
14) Allyl chloride	4.49	41	134186	23.694	ug/l	96
15) Acrylonitrile	5.18	53	123022	114.388	ug/l	97
16) Acetone	3.95	43	103886	120.136	ug/l	92
17) Carbon Disulfide	4.19	76	252805	21.585	ug/l	98
18) Methyl Acetate	4.48	43	59151	24.631	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	229981	21.502	ug/l	97
20) Methylene Chloride	4.72	84	115970	23.772	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	93439	21.645	ug/l	98
22) Diisopropyl ether	6.13	45	287583	22.880	ug/l	96
23) Vinyl Acetate	6.07	43	924799	110.389	ug/l	99
24) 1,1-Dichloroethane	6.02	63	162440	22.307	ug/l	99
25) 2-Butanone	6.99	43	160861	113.297	ug/l	94
26) 2,2-Dichloropropane	6.99	77	148619	22.663	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	102450	21.555	ug/l	98
28) Bromochloromethane	7.34	49	74823	23.733	ug/l	96
29) Tetrahydrofuran	7.36	42	108496	113.750	ug/l	96
30) Chloroform	7.51	83	165618	22.083	ug/l	97
31) Cyclohexane	7.79	56	156161	22.177	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	150803	22.335	ug/l	98
36) 1,1-Dichloropropene	7.92	75	130472	21.295	ug/l	99
37) Ethyl Acetate	7.08	43	74281	22.512	ug/l	98
38) Carbon Tetrachloride	7.90	117	137606	21.755	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
 Data File : VY003372.D
 Acq On : 28 Jul 2020 13:52
 Operator : SY/MD
 Sample : VY0728SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:07:23 PM

Quant Time: Jul 29 03:03:39 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	9.18	83	160335	20.831	ug/l	95
40) Benzene	8.16	78	363670	21.557	ug/l	96
41) Methacrylonitrile	7.33	41	40378m	20.319	ug/l	
42) 1,2-Dichloroethane	8.24	62	109009	20.988	ug/l	96
43) Isopropyl Acetate	8.28	43	138401	21.670	ug/l	99
44) Trichloroethene	8.94	130	103608	20.034	ug/l	98
45) 1,2-Dichloropropane	9.22	63	94457	21.638	ug/l	97
46) Dibromomethane	9.30	93	52886	20.743	ug/l	98
47) Bromodichloromethane	9.50	83	130475	21.517	ug/l	99
48) Methyl methacrylate	9.29	41	60965	21.352	ug/l	96
49) 1,4-Dioxane	9.30	88	12461	385.088	ug/l #	82
51) 4-Methyl-2-Pentanone	10.07	43	358457	107.981	ug/l	99
52) Toluene	10.24	92	230237	21.352	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	133751	21.289	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	156707	21.648	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	75587	20.921	ug/l	99
56) Ethyl methacrylate	10.51	69	100980	20.558	ug/l	97
57) 1,3-Dichloropropane	10.79	76	129384	21.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	288060	114.991	ug/l	98
59) 2-Hexanone	10.83	43	252172	108.820	ug/l	99
60) Dibromochloromethane	10.99	129	95519	21.020	ug/l	99
61) 1,2-Dibromoethane	11.09	107	71234	19.977	ug/l	98
64) Tetrachloroethene	10.72	164	105962	19.364	ug/l	98
65) Chlorobenzene	11.52	112	252227	21.333	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	97621	21.259	ug/l	98
67) Ethyl Benzene	11.59	91	447011	21.175	ug/l	96
68) m/p-Xylenes	11.70	106	341203	42.598	ug/l	99
69) o-Xylene	12.03	106	159504	21.316	ug/l	99
70) Styrene	12.04	104	270275	21.114	ug/l	99
71) Bromoform	12.20	173	63435	21.047	ug/l #	99
73) Isopropylbenzene	12.33	105	438665	20.844	ug/l	99
74) N-amyl acetate	12.14	43	127720	21.629	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	87814	21.605	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	62966m	21.540	ug/l	
77) Bromobenzene	12.61	156	112960	21.057	ug/l	98
78) n-propylbenzene	12.67	91	528606	21.309	ug/l	100
79) 2-Chlorotoluene	12.75	91	291396	21.054	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	372916	21.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	32432	21.593	ug/l #	79
82) 4-Chlorotoluene	12.85	91	307599	21.293	ug/l	99
83) tert-Butylbenzene	13.08	119	330052	21.326	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	376094	21.311	ug/l	99
85) sec-Butylbenzene	13.25	105	453622	21.325	ug/l	100
86) p-Isopropyltoluene	13.37	119	422967	21.296	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	210676	20.768	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	214928	21.400	ug/l	100
89) n-Butylbenzene	13.69	91	402326	21.535	ug/l	99
90) Hexachloroethane	13.96	117	80236	22.183	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	189217	21.254	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13355	20.267	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
Data File : VY003372.D
Acq On : 28 Jul 2020 13:52
Operator : SY/MD
Sample : VY0728SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

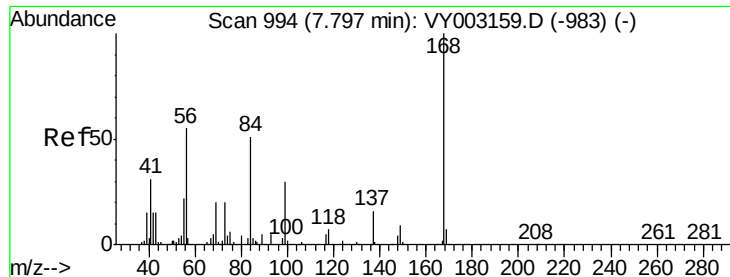
Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:23 PM

Quant Time: Jul 29 03:03:39 2020
Quant Method : Z:\V0ASRV\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	15.01	180	137427	21.699	ug/l	100
94) Hexachlorobutadiene	15.11	225	90740	20.910	ug/l	99
95) Naphthalene	15.23	128	221754	21.187	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	110775	22.127	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 168 Resp: 458667

Ion Ratio Lower Upper

168 100

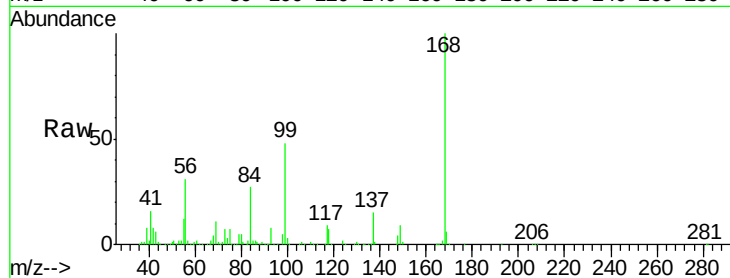
99 48.1 37.3 55.9

Manual Integrations

APPROVED

MMDadoda

7/29/2020 7:07:23 PM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

200000

150000

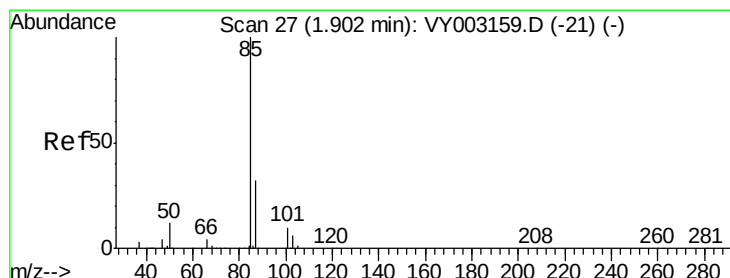
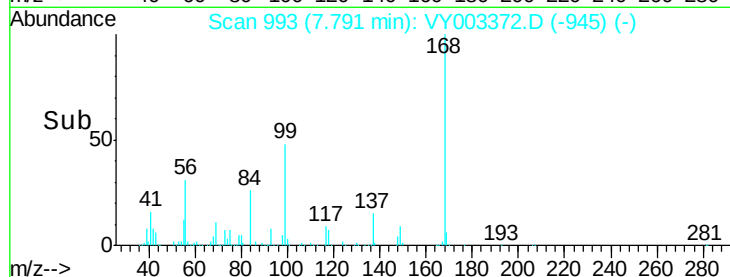
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.018 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003372.D

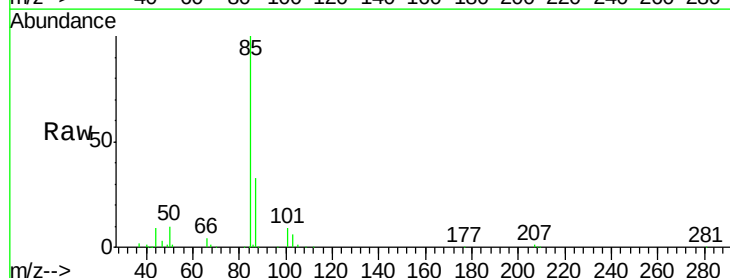
Acq: 28 Jul 2020 13:52

Tgt Ion: 85 Resp: 72381

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

50000

40000

30000

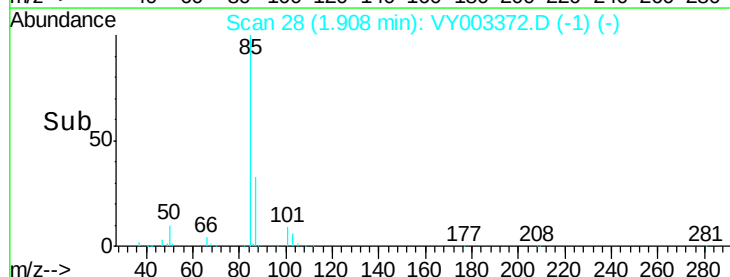
20000

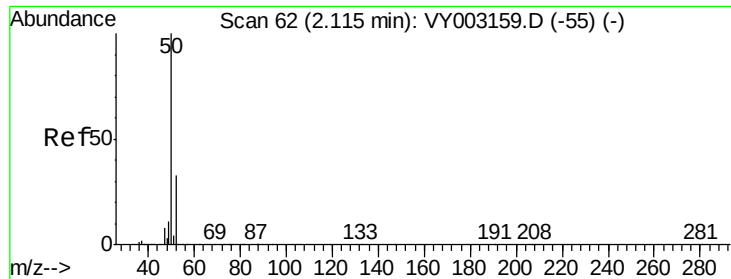
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.786 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 50 Resp: 99342

Ion Ratio Lower Upper

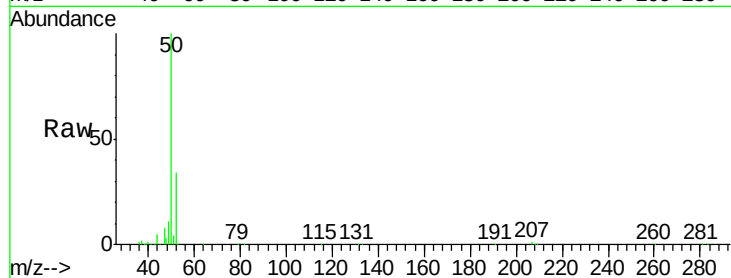
50 100

52 33.7 26.6 39.8

Manual Integrations
APPROVED

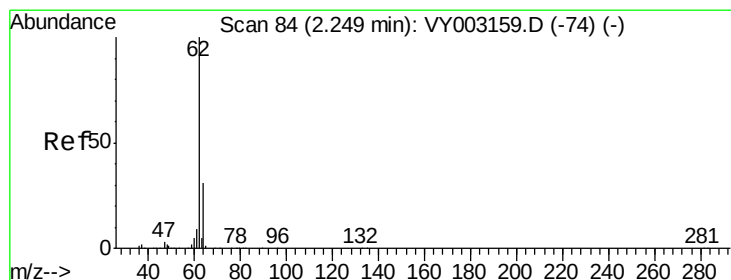
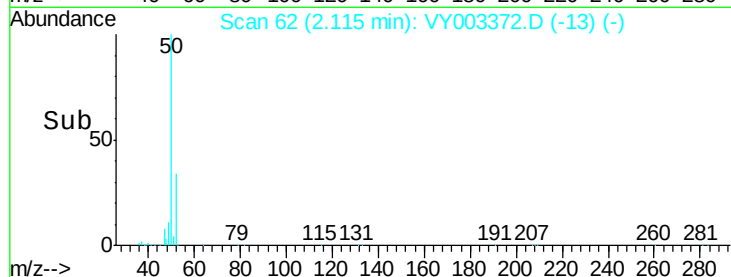
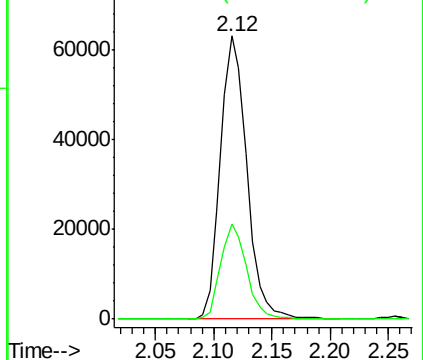
MMDadoda

7/29/2020 7:07:23 PM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.685 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003372.D

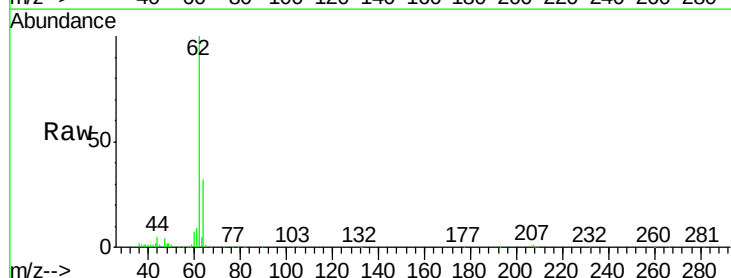
Acq: 28 Jul 2020 13:52

Tgt Ion: 62 Resp: 101453

Ion Ratio Lower Upper

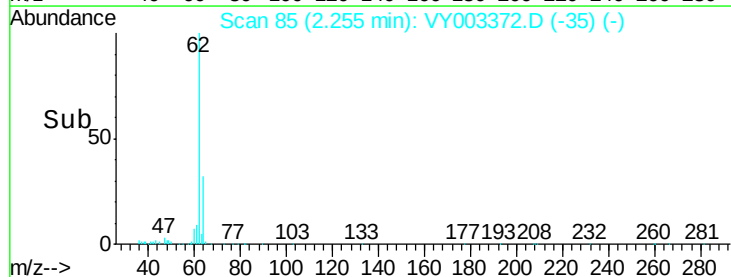
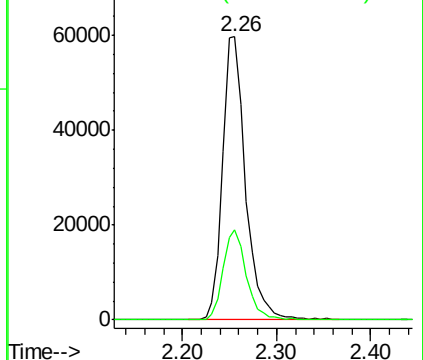
62 100

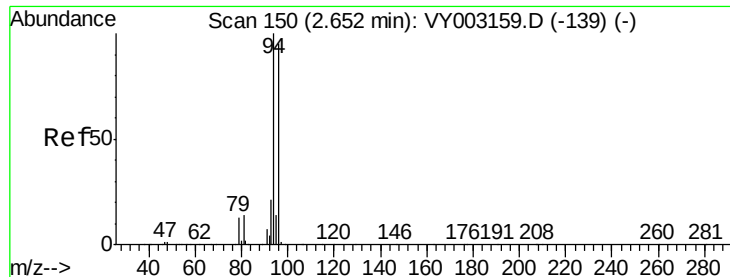
64 31.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.312 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 94 Resp: 77535

Ion Ratio Lower Upper

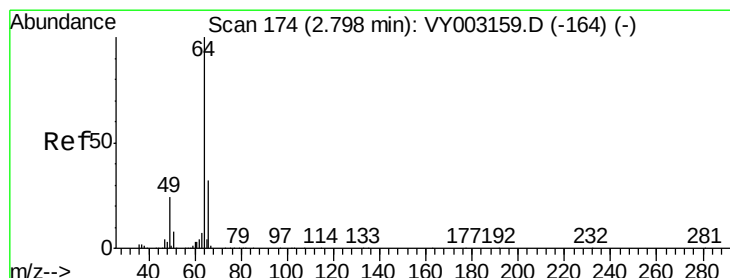
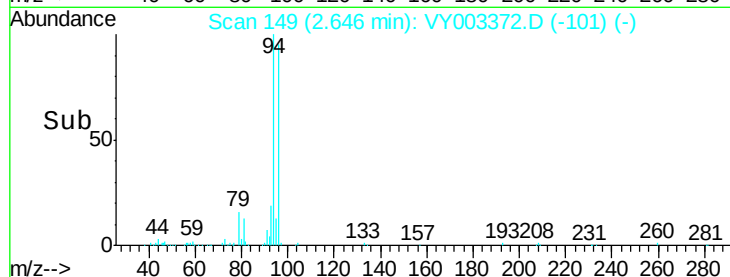
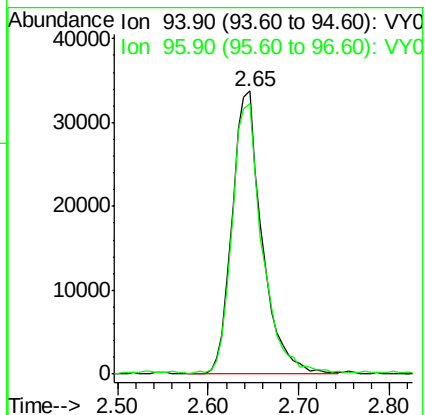
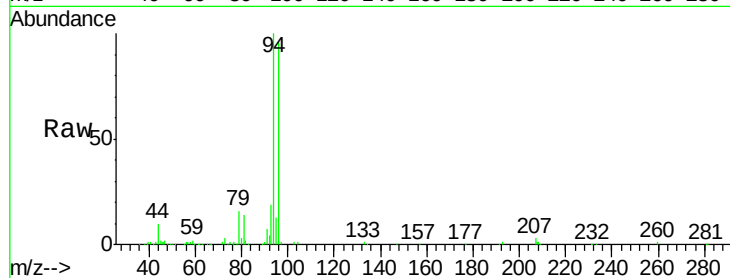
94 100

96 95.3 76.0 114.0

Manual Integrations
APPROVED

MMDadoda

7/29/2020 7:07:23 PM



#6

Chloroethane

Concen: 21.154 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003372.D

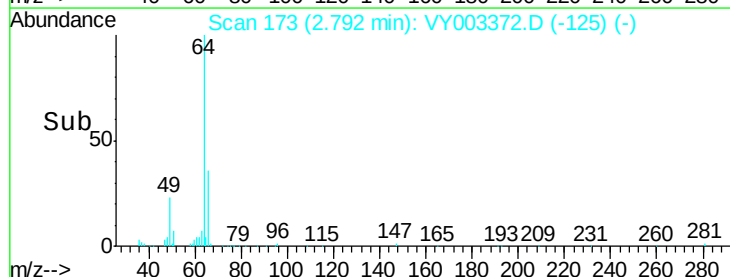
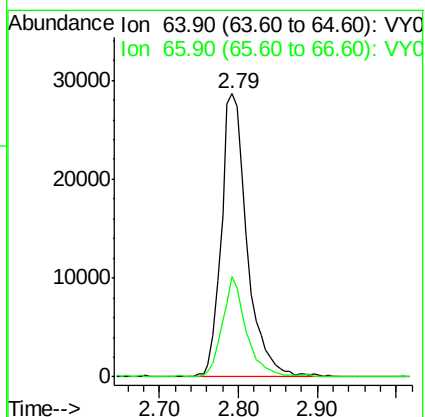
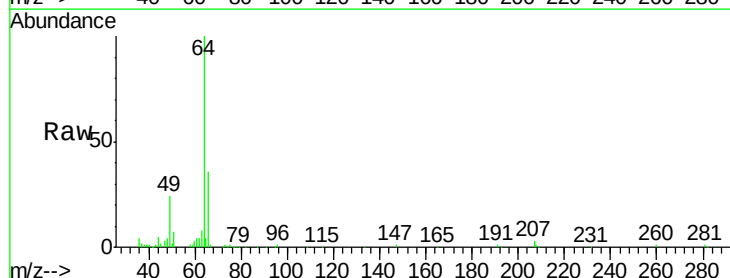
Acq: 28 Jul 2020 13:52

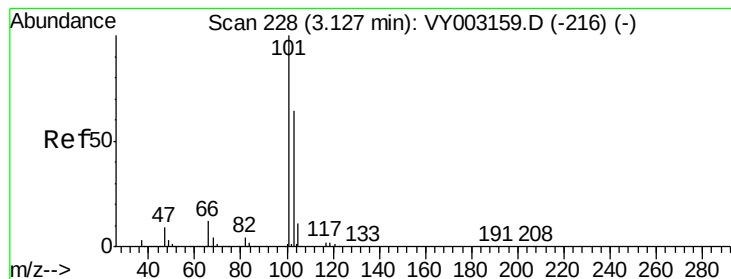
Tgt Ion: 64 Resp: 65005

Ion Ratio Lower Upper

64 100

66 35.5 26.0 39.0





#7

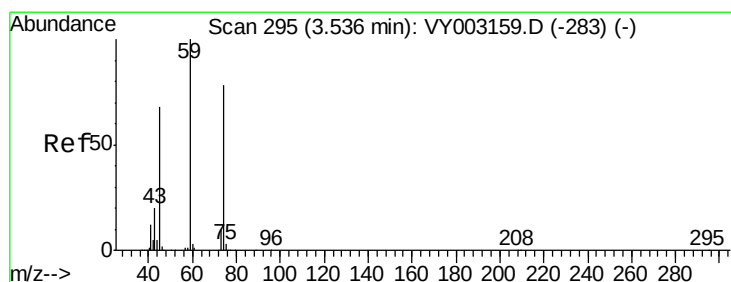
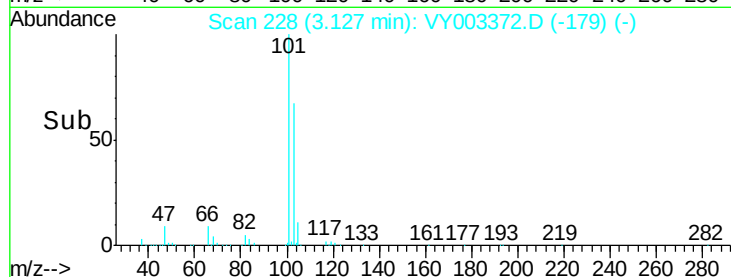
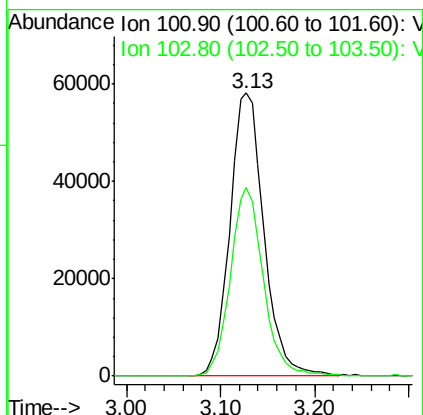
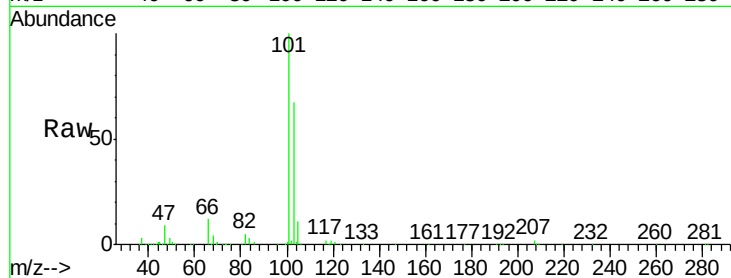
Trichlorofluoromethane
Concen: 21.888 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.3	76.9

Manual Integrations
APPROVED

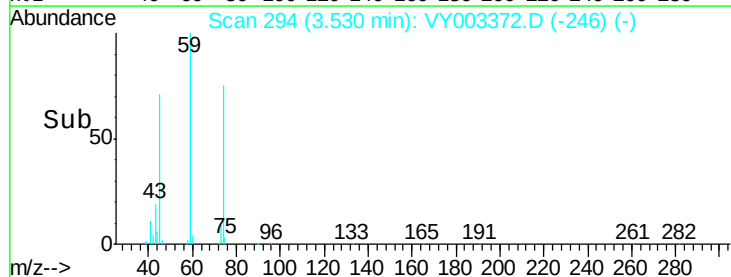
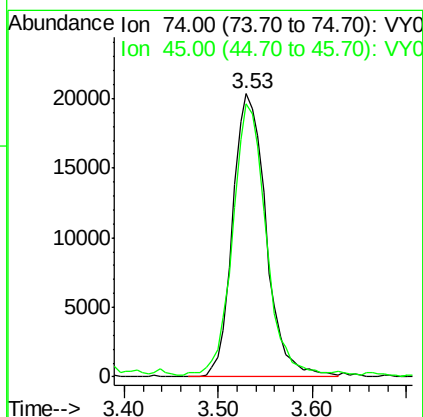
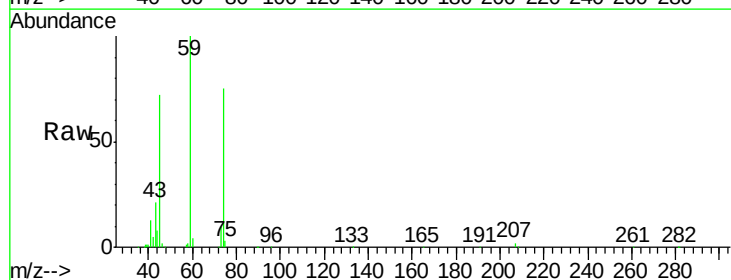
MMDadoda
7/29/2020 7:07:23 PM

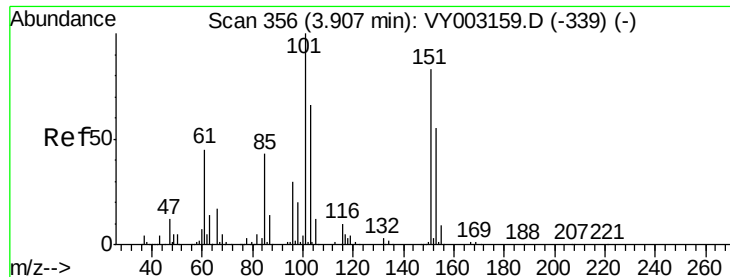


#8

Diethyl Ether
Concen: 22.428 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.448 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

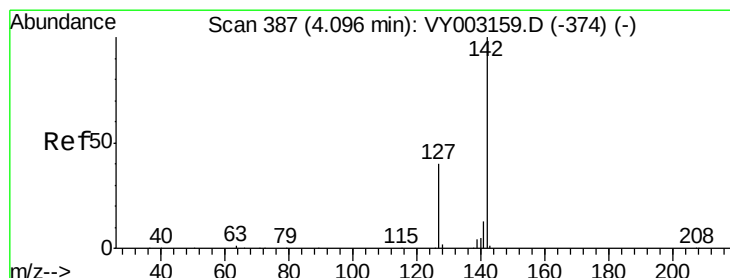
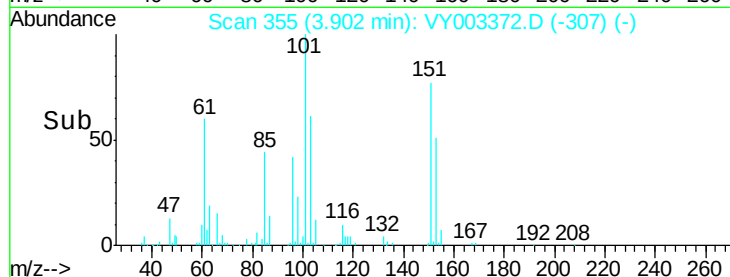
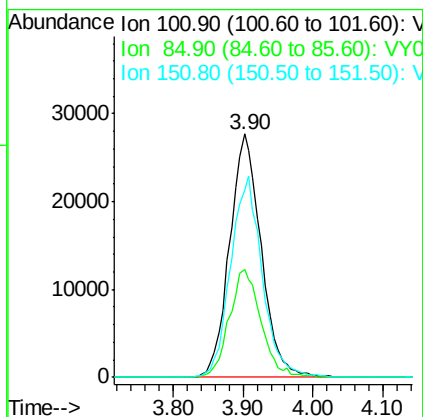
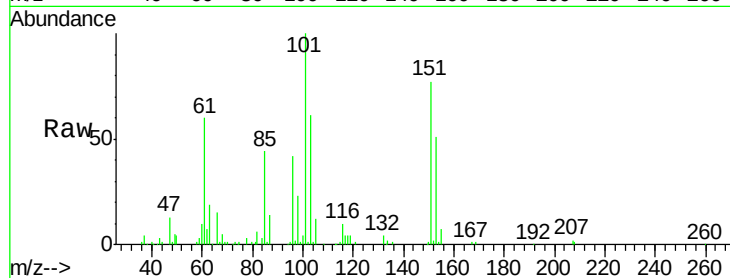
ClientSampleId :

VY0728SBS01

Tgt Ion:	101	Resp:	86549
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.9	52.3
151	82.6	67.0	100.6

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:23 PM



#10

Methyl Iodide

Concen: 19.988 ug/l

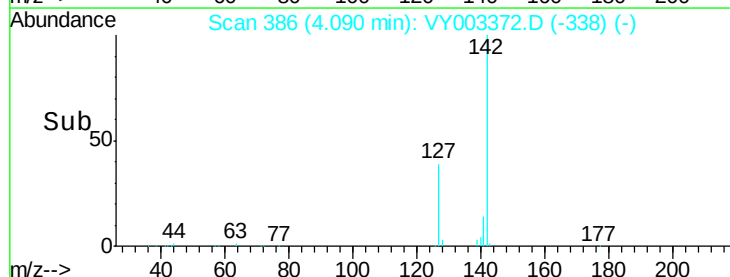
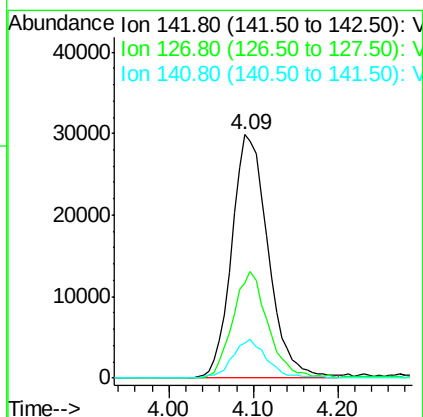
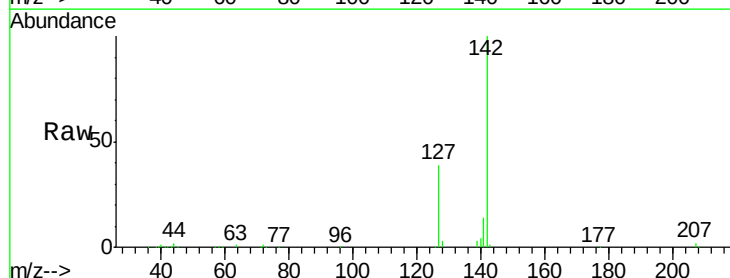
RT: 4.09 min Scan# 386

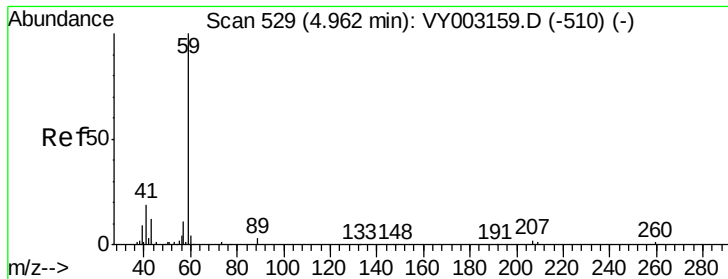
Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion:	142	Resp:	87630
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.5	50.3
141	15.1	11.2	16.8





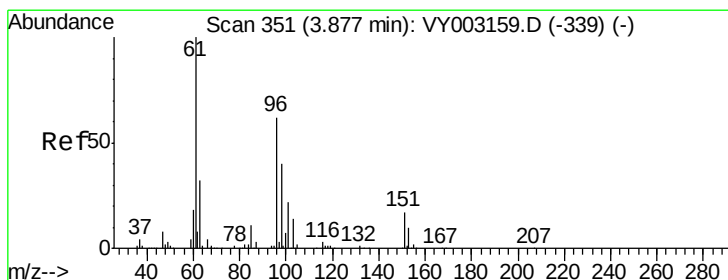
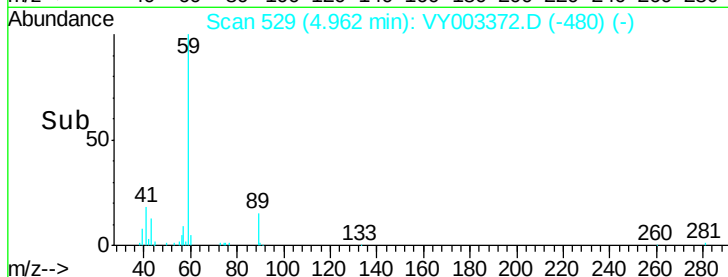
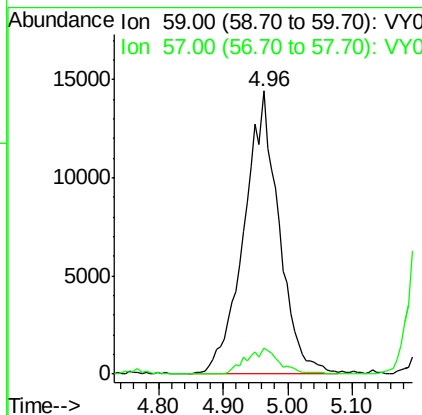
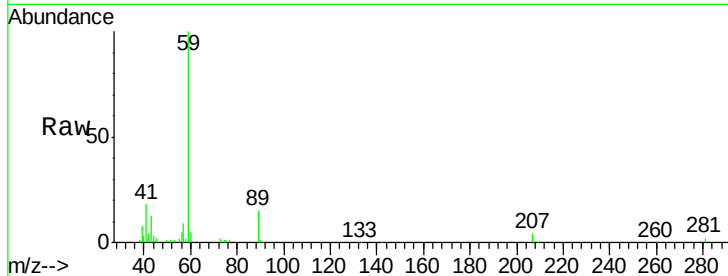
#11
Tert butyl alcohol
Concen: 129.201 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.4	12.6

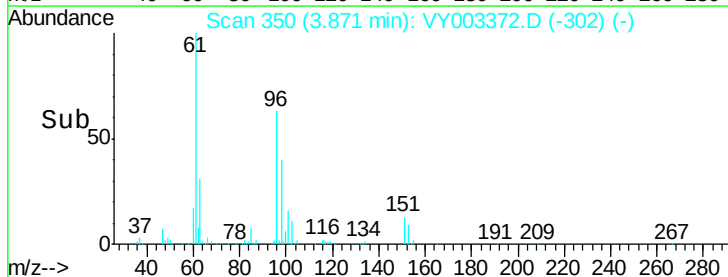
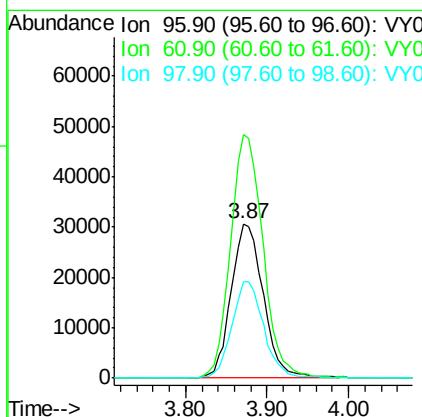
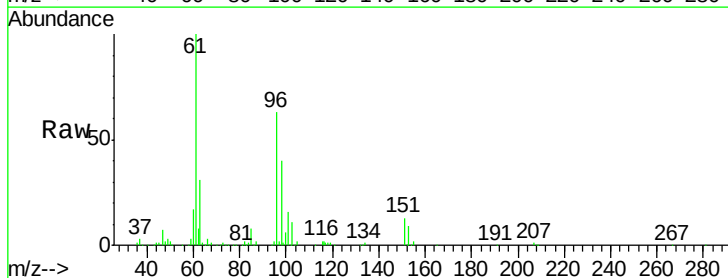
Manual Integrations
APPROVED

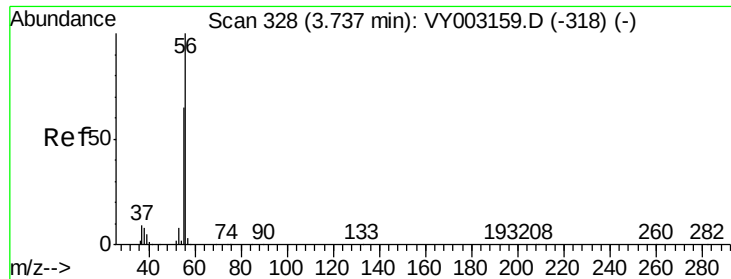
MMDadoda
7/29/2020 7:07:23 PM



#12
1,1-Dichloroethene
Concen: 21.897 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	128.6	193.0
98	62.8	51.6	77.4





#13

Acrolein

Concen: 66.606 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 56 Resp: 24201

Ion Ratio Lower Upper

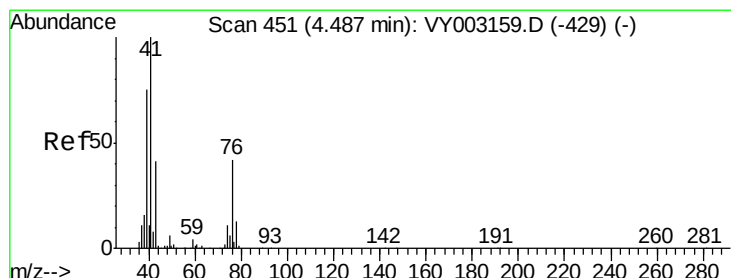
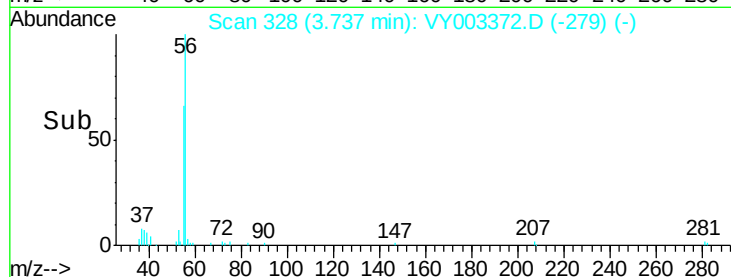
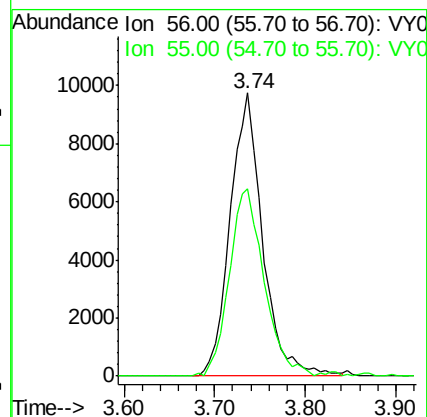
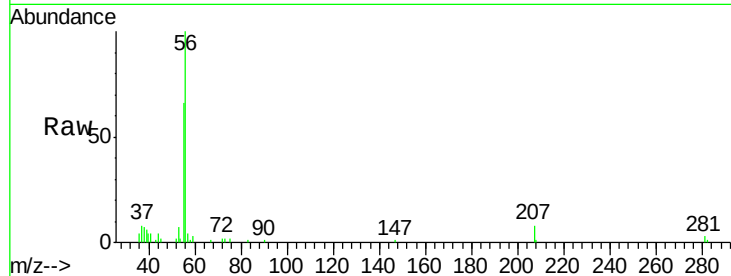
56 100

55 70.7 56.0 84.0

Manual Integrations
APPROVED

MMDadoda

7/29/2020 7:07:23 PM



#14

Allyl chloride

Concen: 23.694 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

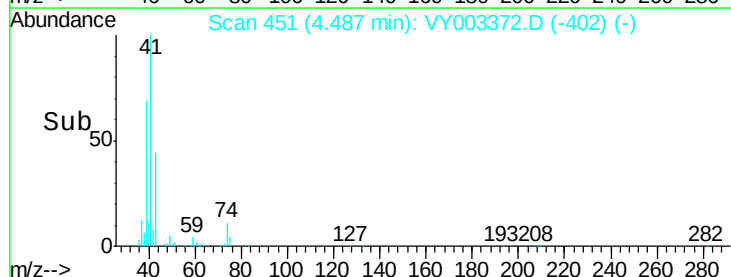
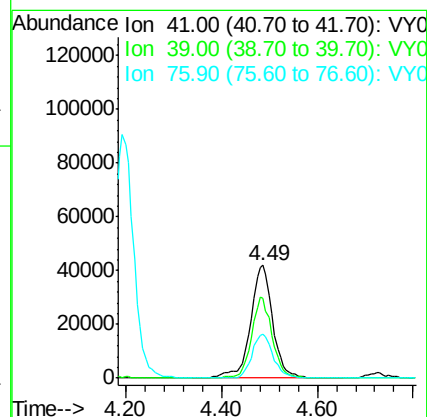
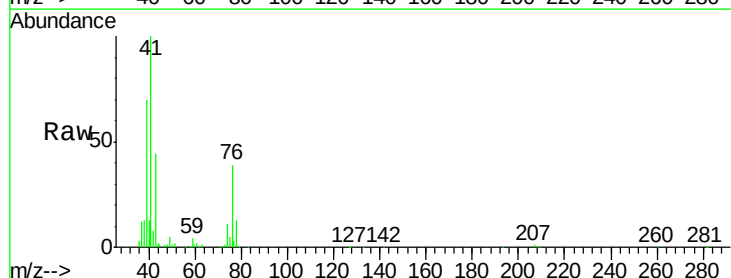
Tgt Ion: 41 Resp: 134186

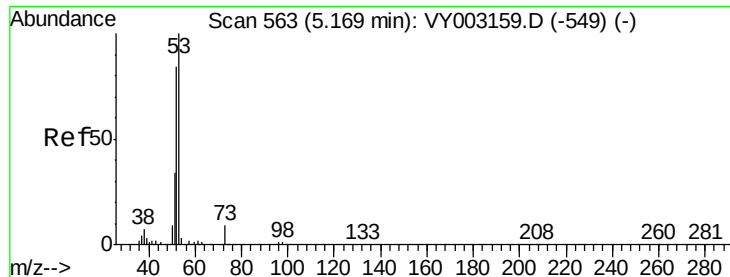
Ion Ratio Lower Upper

41 100

39 67.1 56.6 85.0

76 37.0 31.6 47.4





#15

Acrylonitrile

Concen: 114.388 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

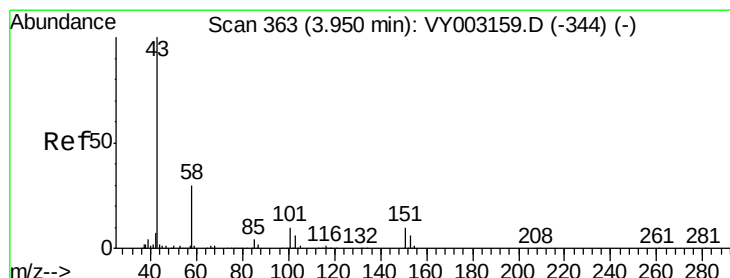
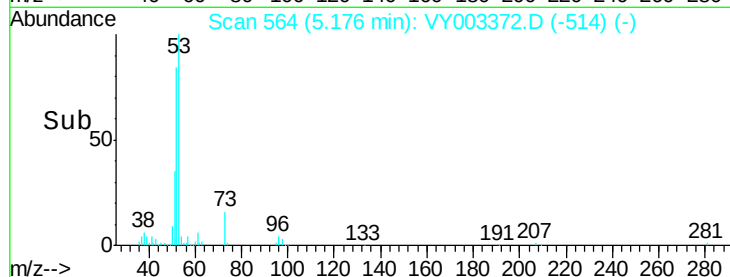
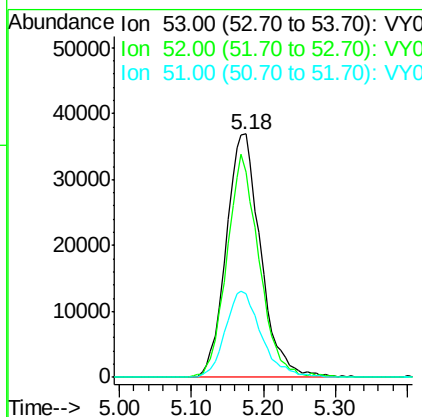
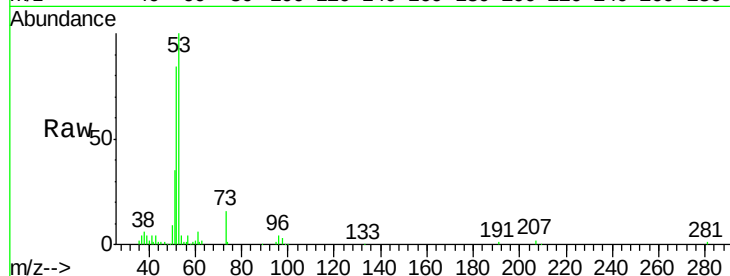
ClientSampleId :

VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.1	65.8	98.6
51	36.9	29.0	43.4

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:23 PM



#16

Acetone

Concen: 120.136 ug/l

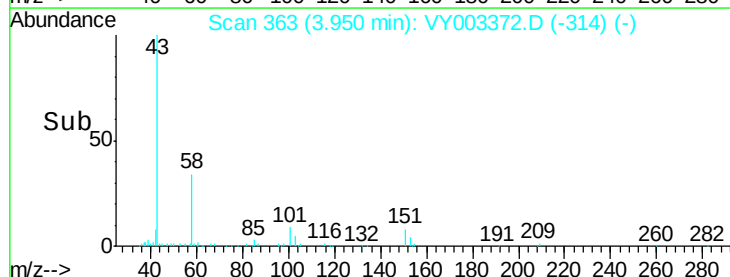
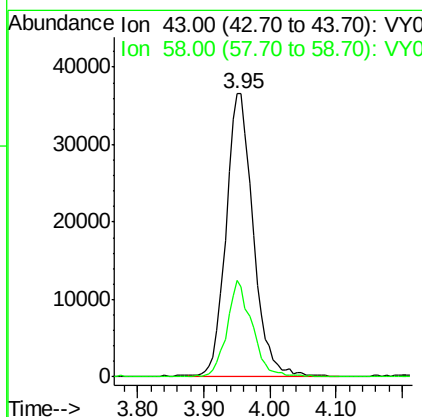
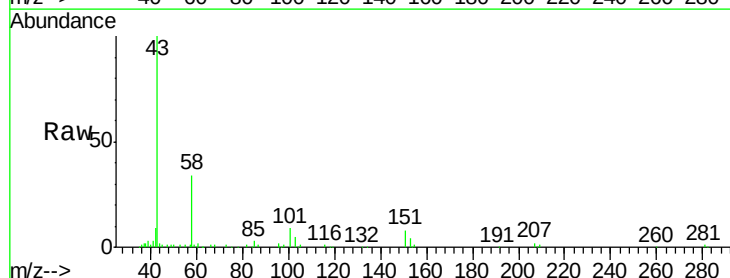
RT: 3.95 min Scan# 363

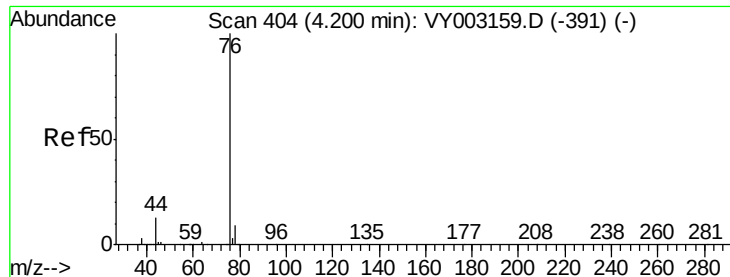
Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.8	23.8	35.6





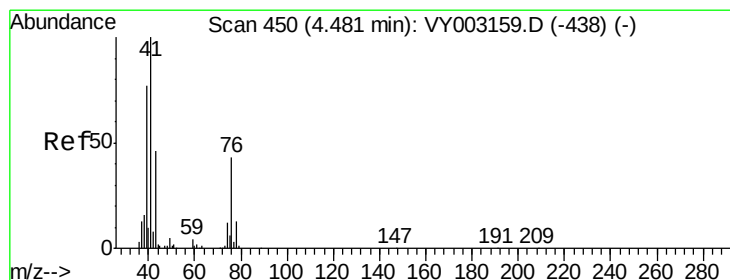
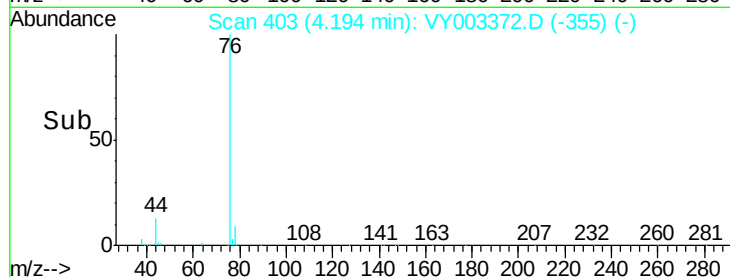
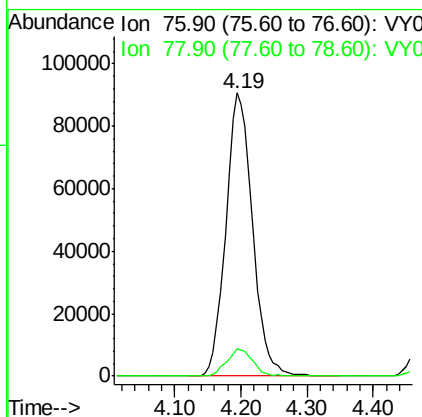
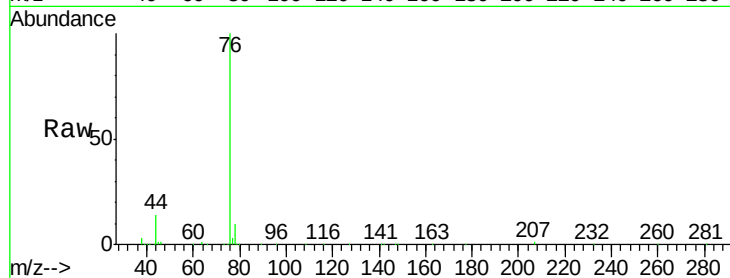
#17
Carbon Disulfide
Concen: 21.585 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

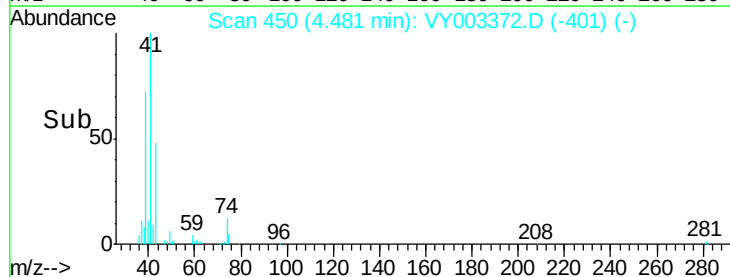
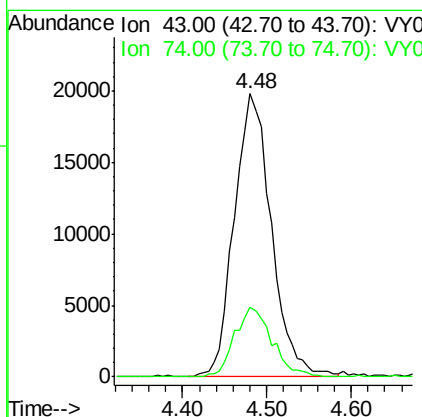
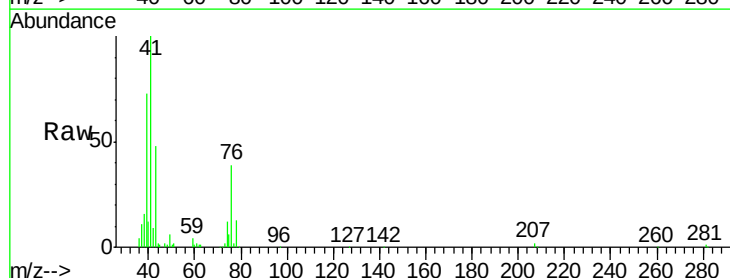
Manual Integrations
APPROVED

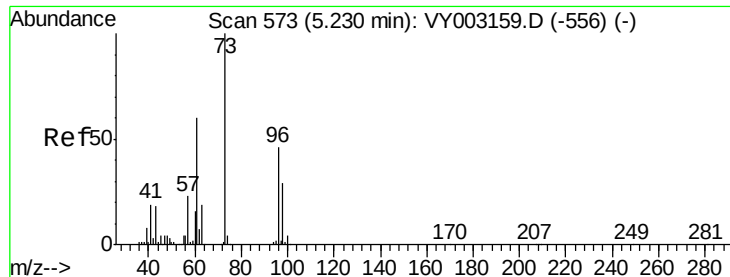
MMDadoda
7/29/2020 7:07:23 PM



#18
Methyl Acetate
Concen: 24.631 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	20.8	31.2





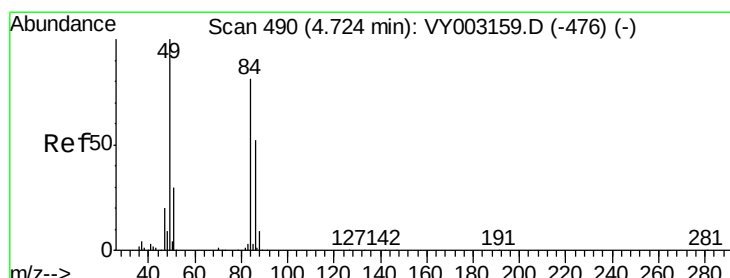
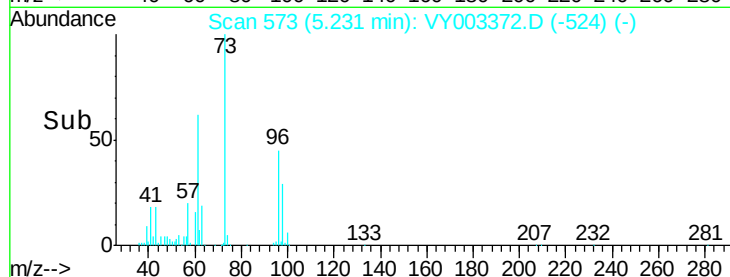
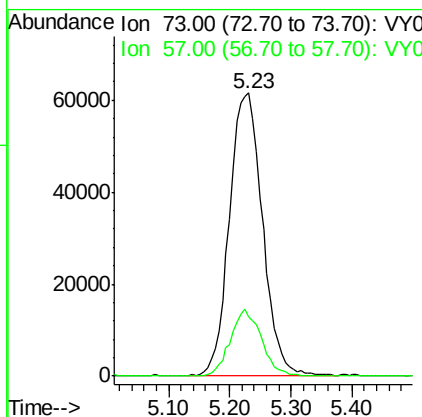
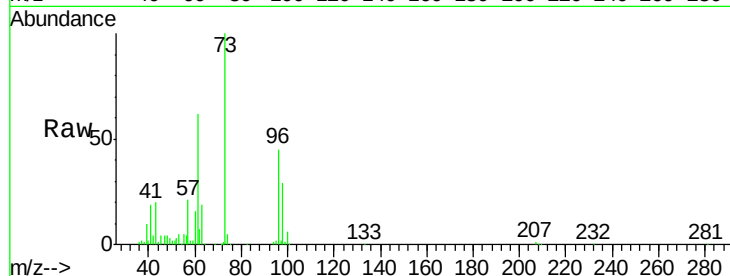
#19
Methyl tert-butyl Ether
Concen: 21.502 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 73 Resp: 229981
Ion Ratio Lower Upper
73 100
57 20.9 18.1 27.1

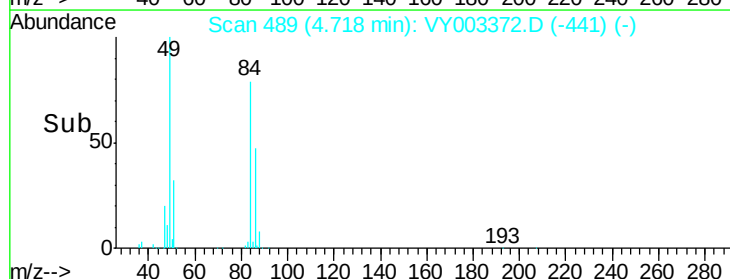
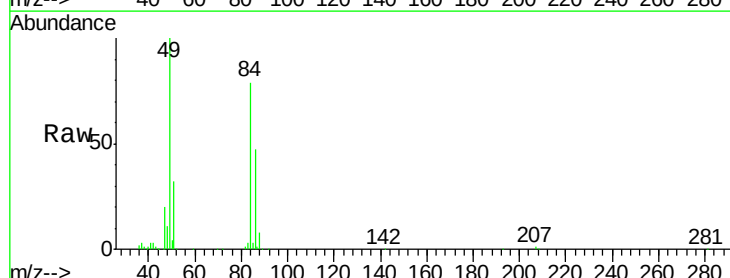
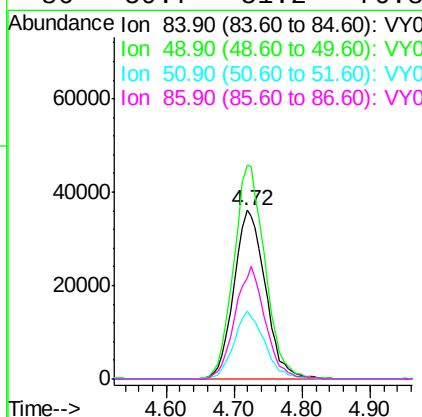
Manual Integrations
APPROVED

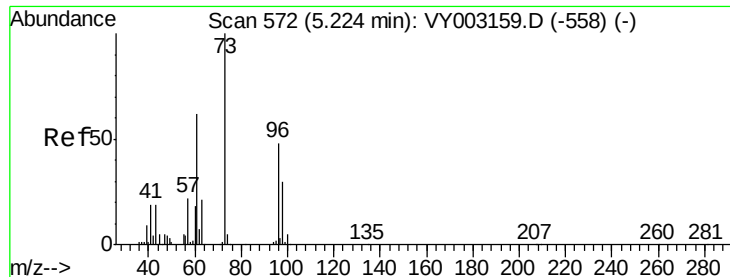
MMDadoda
7/29/2020 7:07:23 PM



#20
Methylene Chloride
Concen: 23.772 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 84 Resp: 115970
Ion Ratio Lower Upper
84 100
49 126.8 98.2 147.4
51 40.5 29.8 44.6
86 59.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.645 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

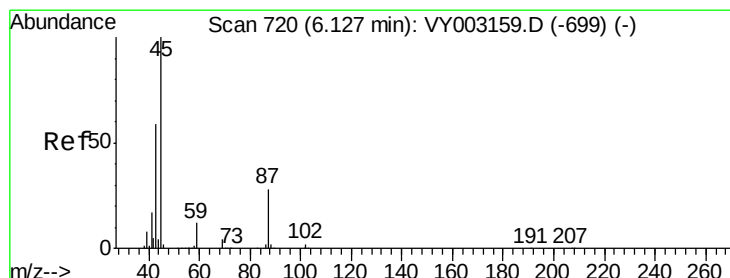
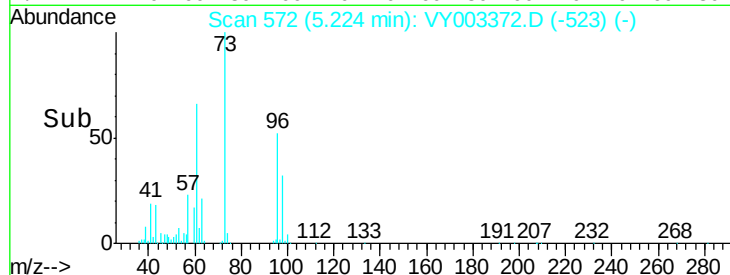
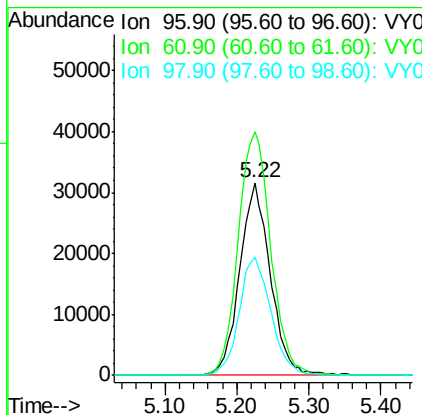
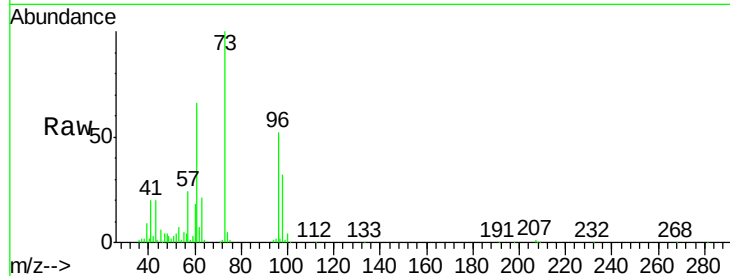
ClientSampleId :

VY0728SBS01

Tgt Ion:	96	Resp:	93439
Ion Ratio	Lower	Upper	
96	100		
61	126.2	102.5	153.7
98	61.2	49.8	74.8

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:23 PM



#22

Diisopropyl ether

Concen: 22.880 ug/l

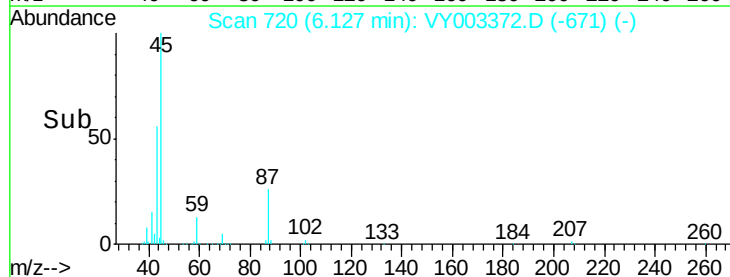
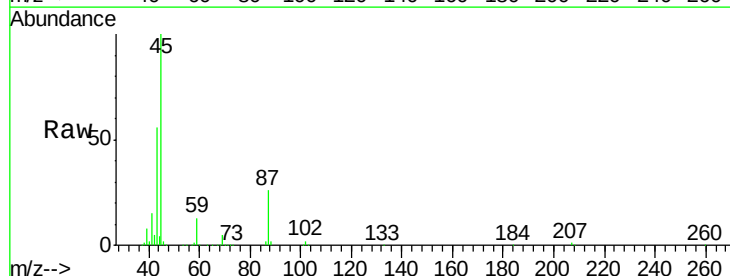
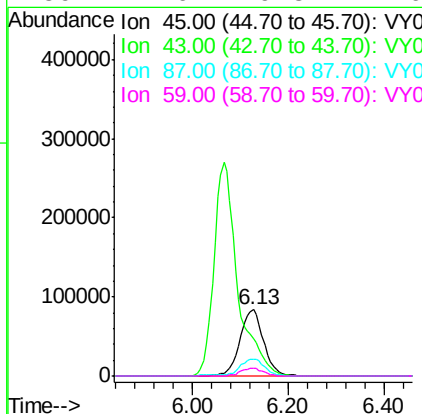
RT: 6.13 min Scan# 720

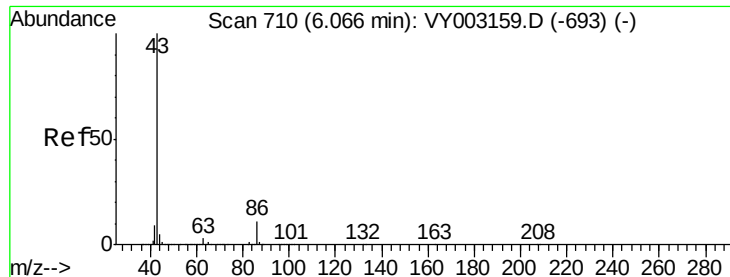
Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion:	45	Resp:	287583
Ion Ratio	Lower	Upper	
45	100		
43	56.0	47.0	70.4
87	25.6	22.6	33.8
59	12.6	9.8	14.6





#23

Vinyl Acetate

Concen: 110.389 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 43 Resp: 924799

Ion Ratio Lower Upper

43 100

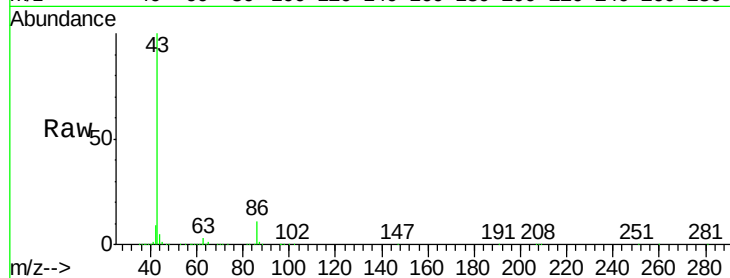
86 10.8 8.8 13.2

Manual Integrations

APPROVED

MMDadoda

7/29/2020 7:07:23 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

300000

250000

200000

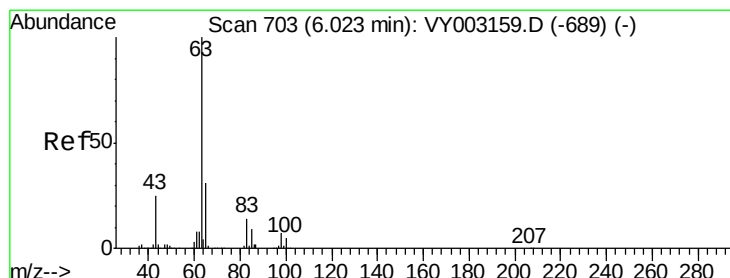
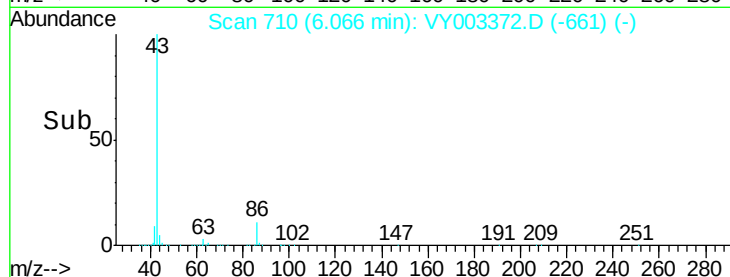
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.307 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

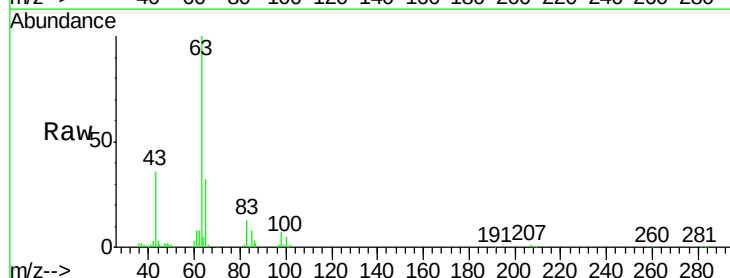
Tgt Ion: 63 Resp: 162440

Ion Ratio Lower Upper

63 100

98 6.9 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

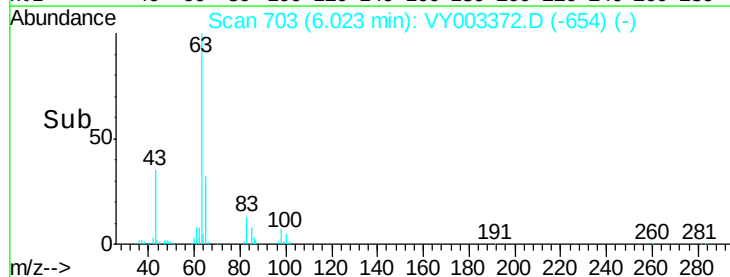
60000

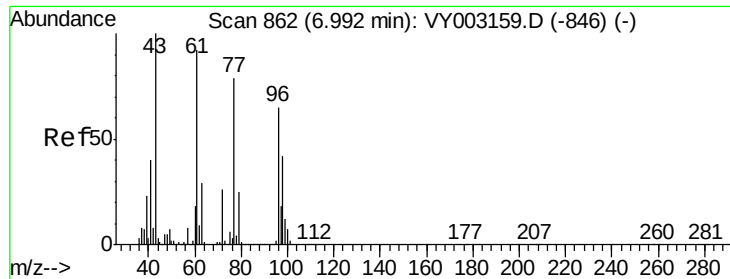
40000

20000

0

Time-->





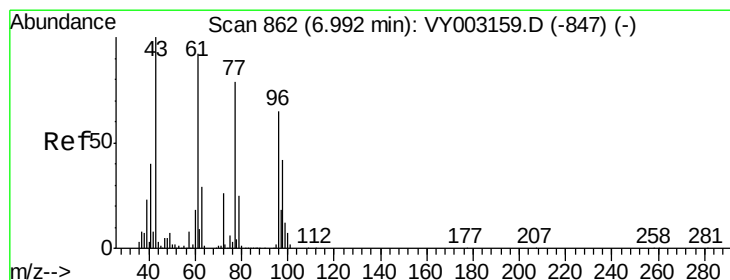
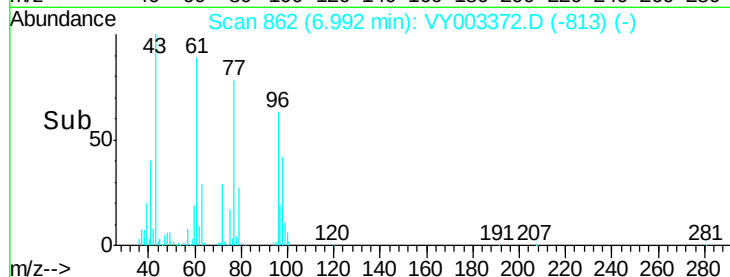
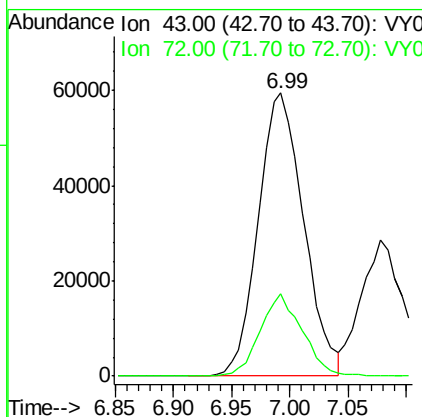
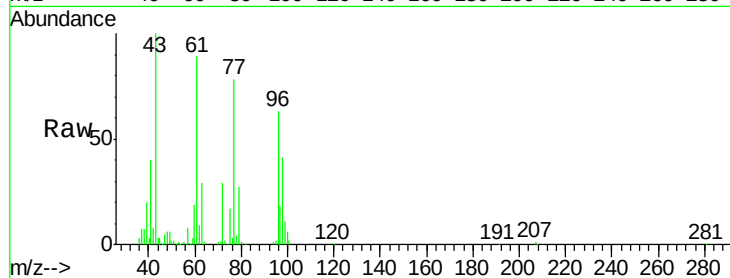
#25
2-Butanone
Concen: 113.297 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
72	28.9	20.9	31.3

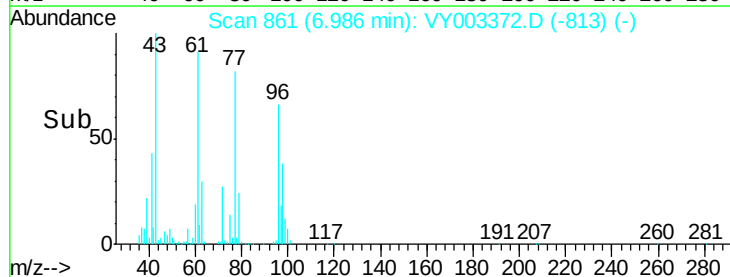
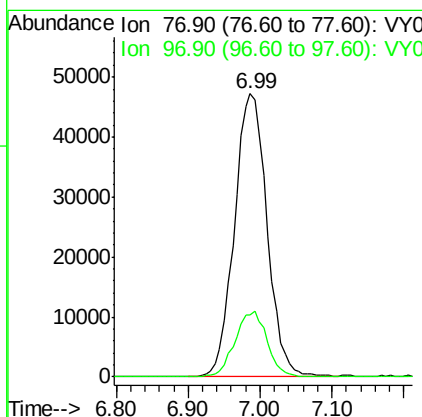
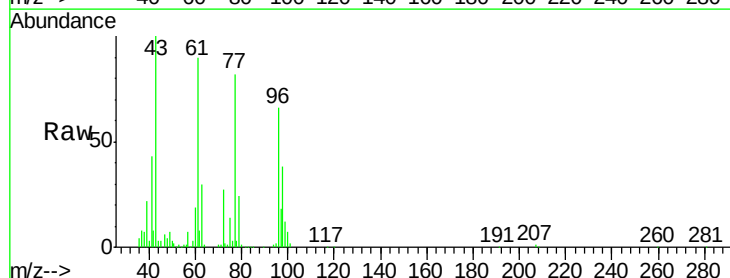
Manual Integrations
APPROVED

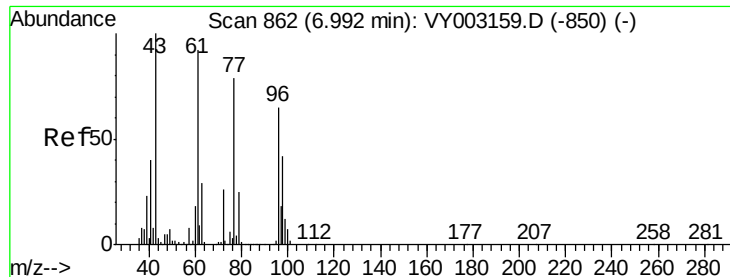
MMDadoda
7/29/2020 7:07:23 PM



#26
2,2-Dichloropropane
Concen: 22.663 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.6	34.7





#27

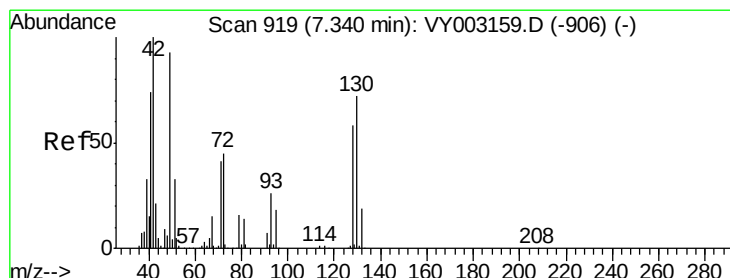
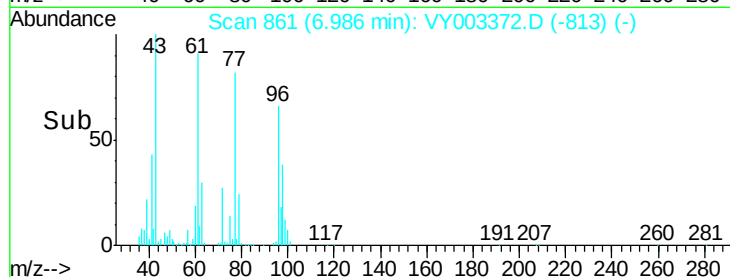
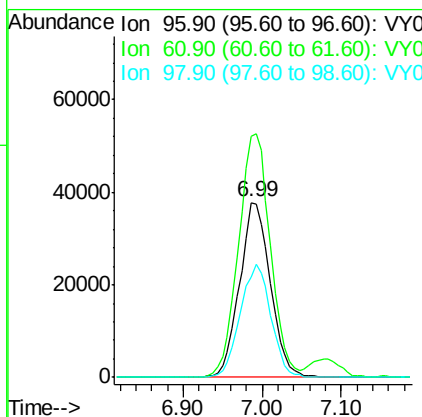
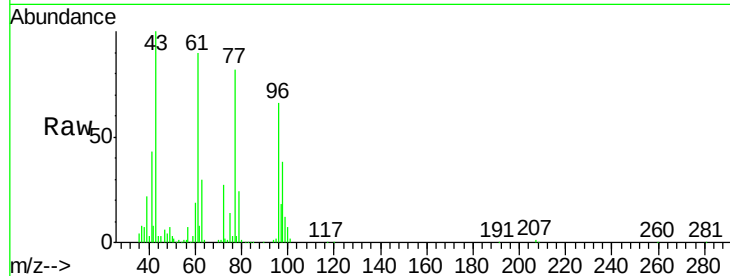
cis-1,2-Dichloroethene
Concen: 21.555 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	102450		
61	144.0	0.0	281.2	
98	64.4	0.0	129.8	

Manual Integrations
APPROVED

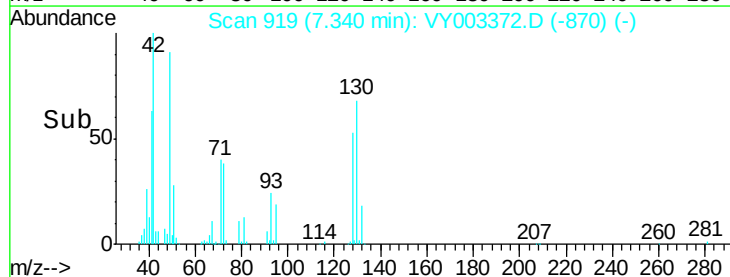
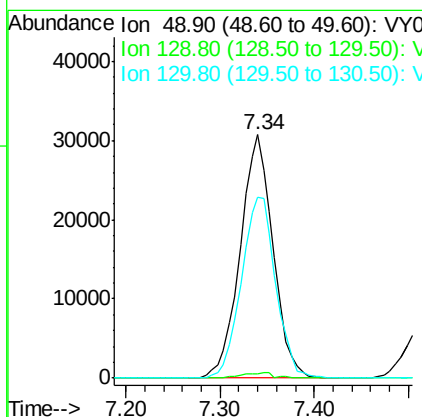
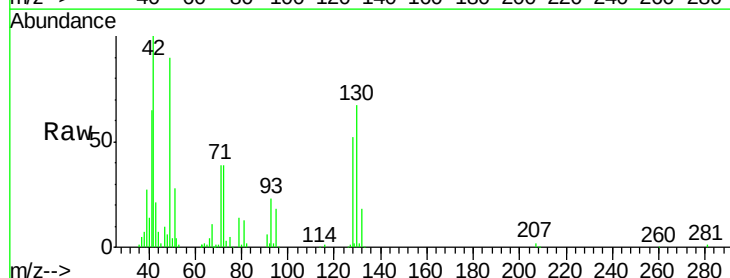
MMDadoda
7/29/2020 7:07:23 PM

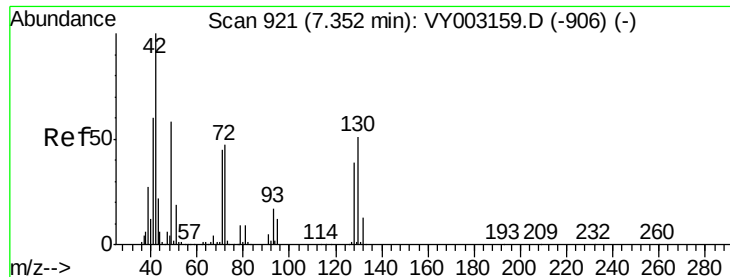


#28

Bromochloromethane
Concen: 23.733 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74823		
129	2.1	0.0	5.0	
130	77.9	64.9	97.3	





#29

Tetrahydrofuran

Concen: 113.750 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 42 Resp: 108496
Ion Ratio Lower Upper

42 100

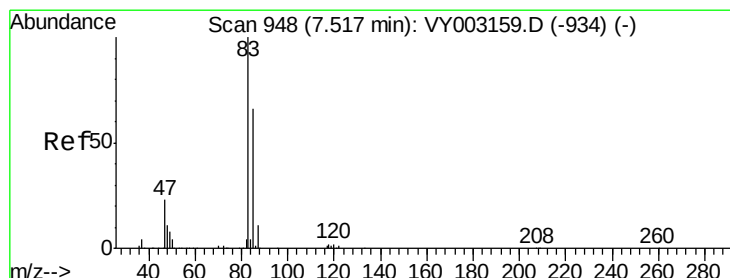
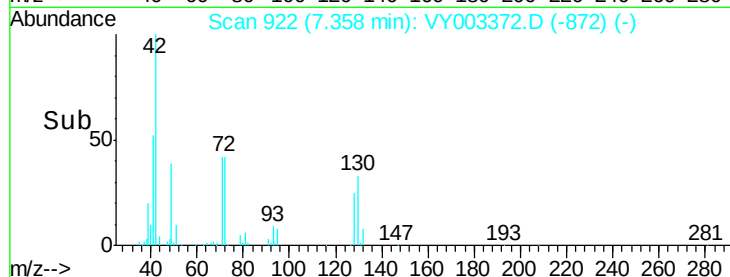
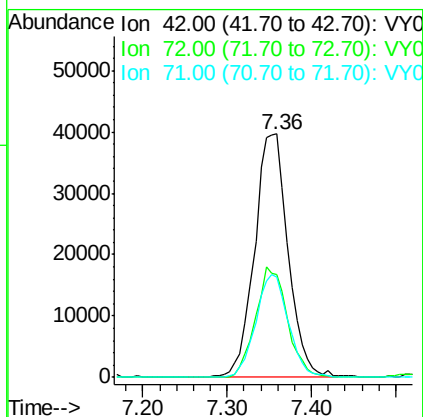
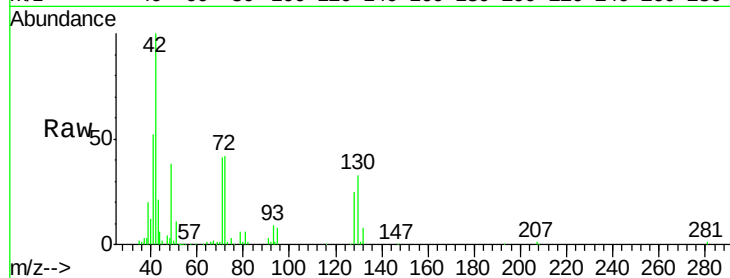
72 43.0 36.7 55.1

71 41.2 34.2 51.4

Manual Integrations
APPROVED

MMDadoda

7/29/2020 7:07:23 PM



#30

Chloroform

Concen: 22.083 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

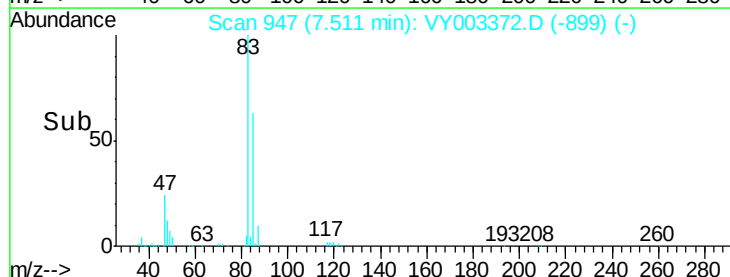
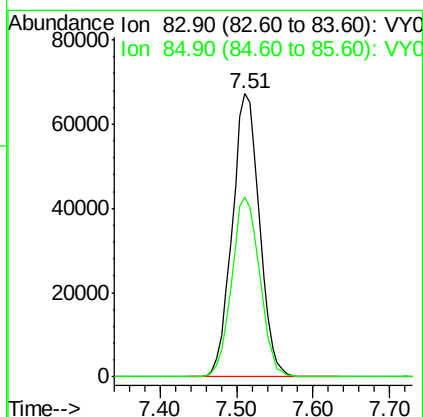
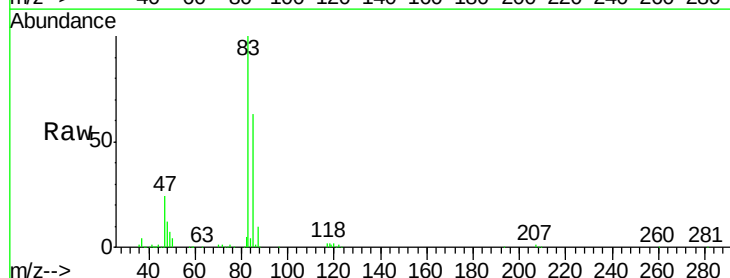
Lab File: VY003372.D

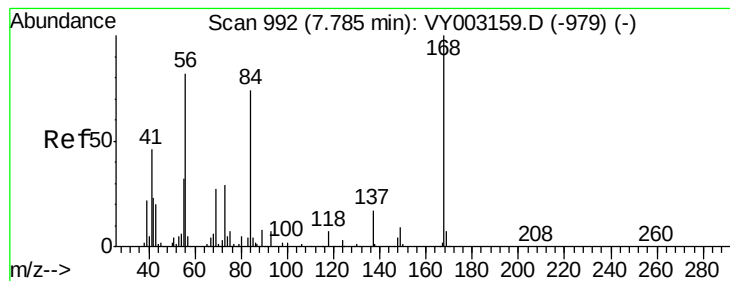
Acq: 28 Jul 2020 13:52

Tgt Ion: 83 Resp: 165618
Ion Ratio Lower Upper

83 100

85 63.5 52.6 78.8





#31

Cyclohexane

Concen: 22.177 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

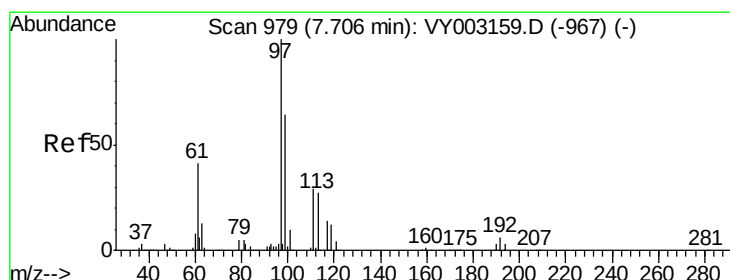
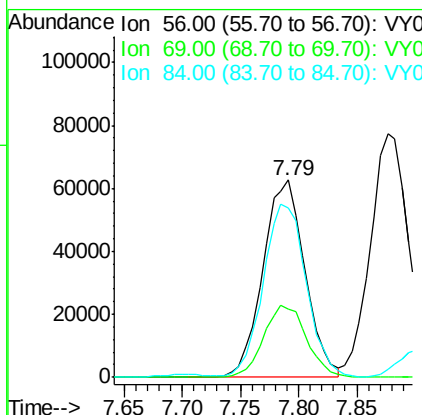
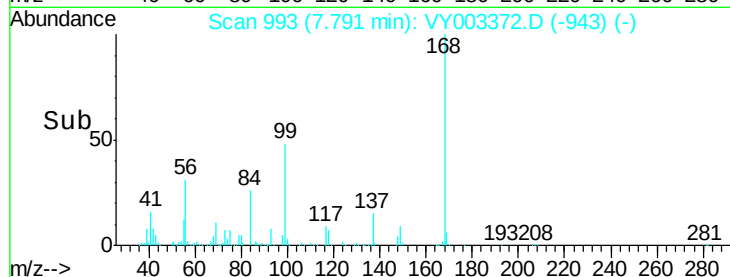
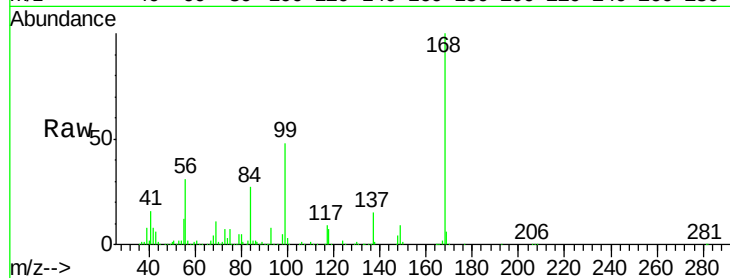
ClientSampleId :

VY0728SBS01

Tgt Ion:	56	Resp:	156161
Ion Ratio	Lower	Upper	
56	100		
69	34.7	26.7	40.1
84	84.4	72.3	108.5

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:23 PM



#32

1,1,1-Trichloroethane

Concen: 22.335 ug/l

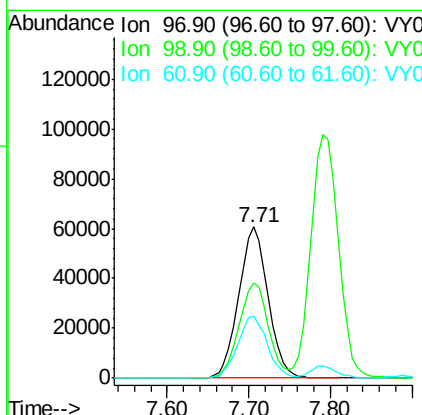
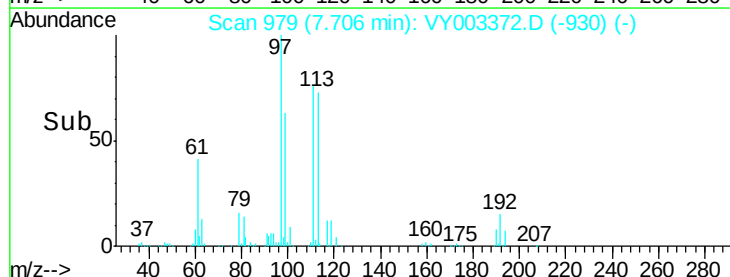
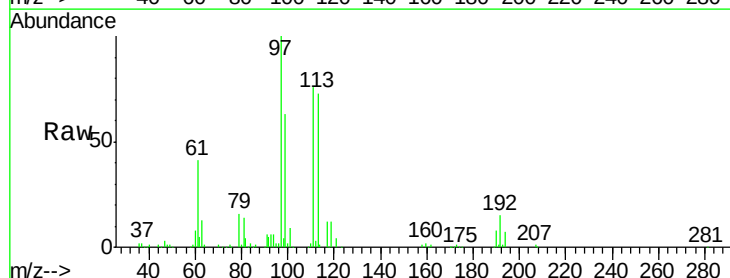
RT: 7.71 min Scan# 979

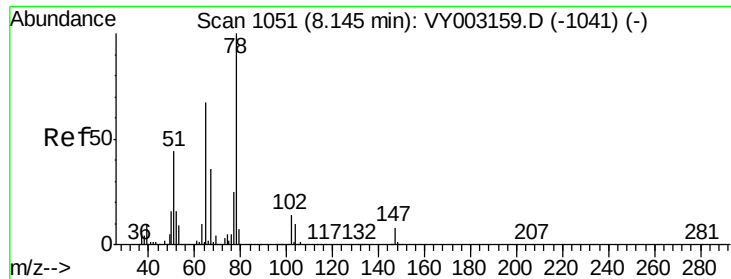
Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion:	97	Resp:	150803
Ion Ratio	Lower	Upper	
97	100		
99	63.4	52.1	78.1
61	41.2	33.9	50.9





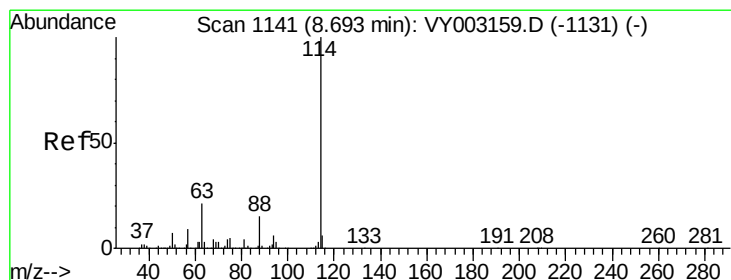
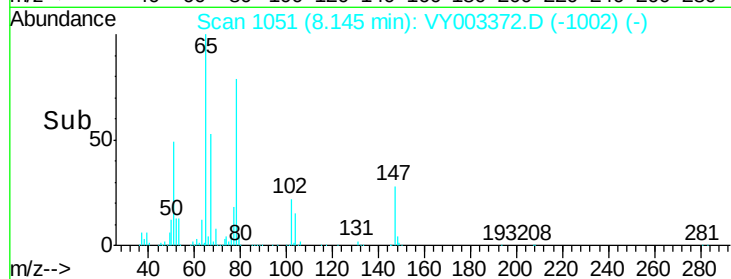
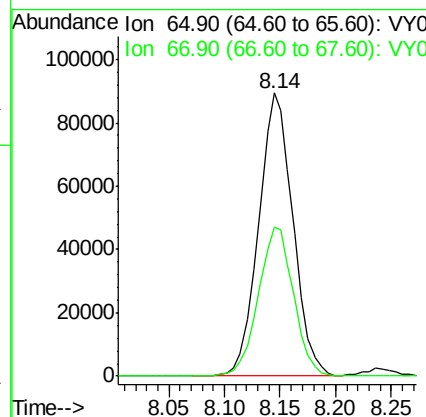
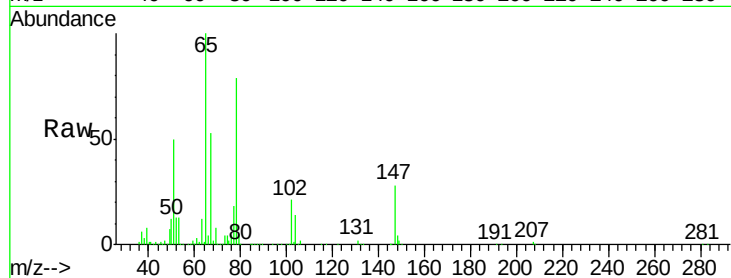
#33
 1,2-Dichloroethane-d4
 Concen: 49.493 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	191603		
67	54.1	0.0	105.2	

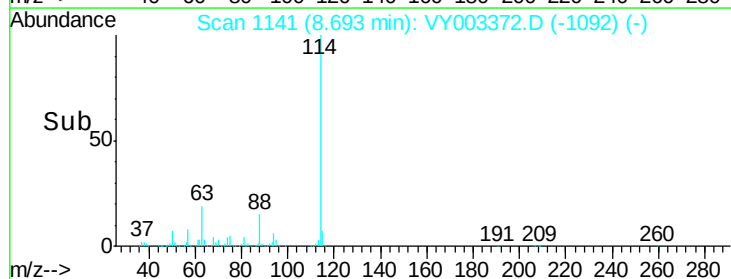
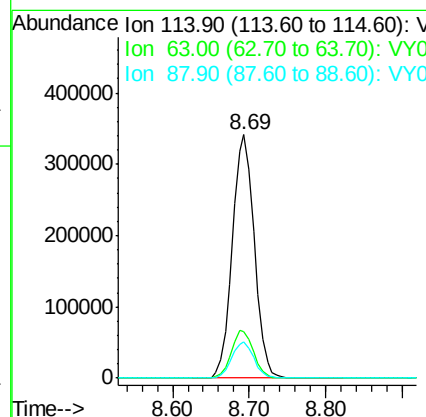
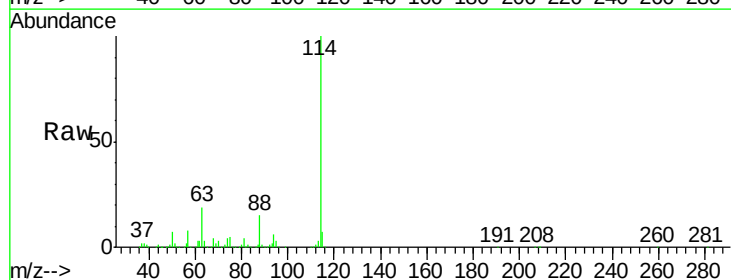
Manual Integrations
 APPROVED

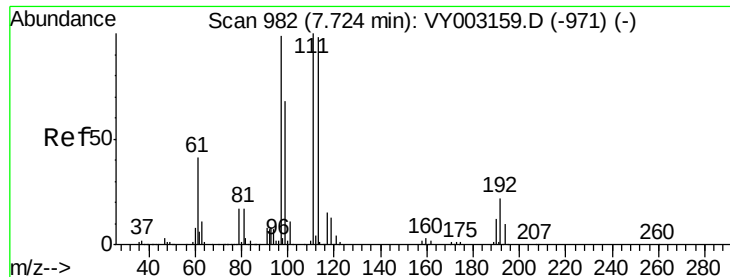
MMDadoda
 7/29/2020 7:07:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	676018		
63	19.4	0.0	41.2	
88	15.1	0.0	30.2	





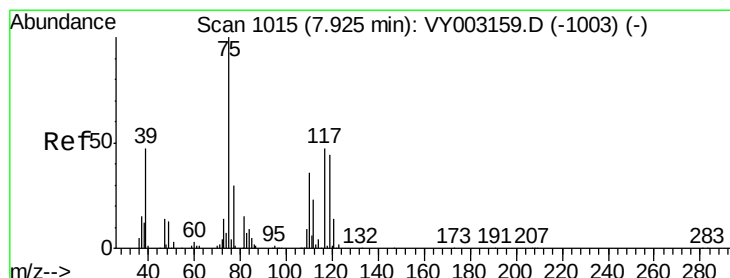
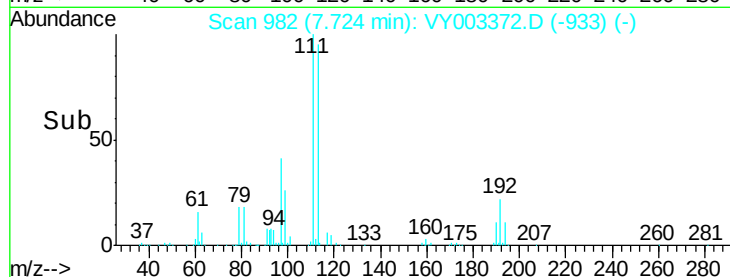
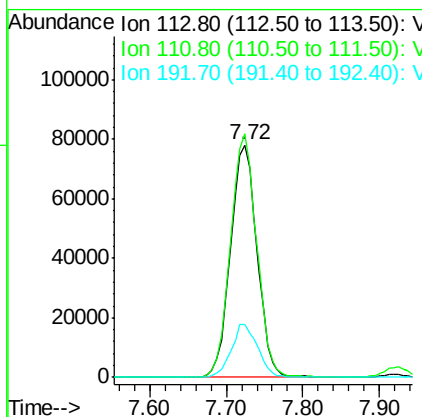
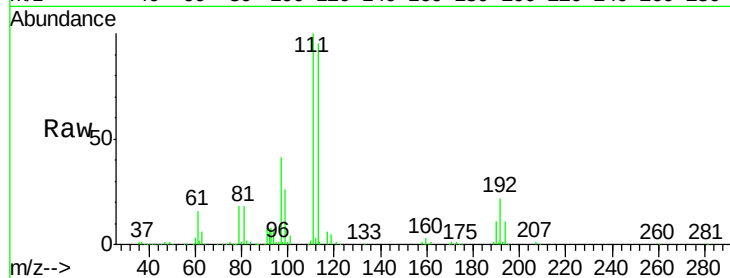
#35
 Dibromofluoromethane
 Concen: 48.230 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	187630		
111	103.4	82.1	123.1	
192	22.6	18.8	28.2	

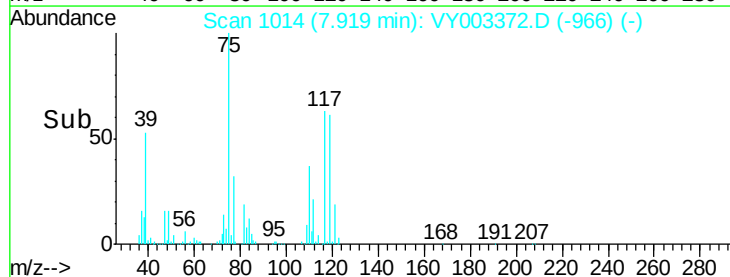
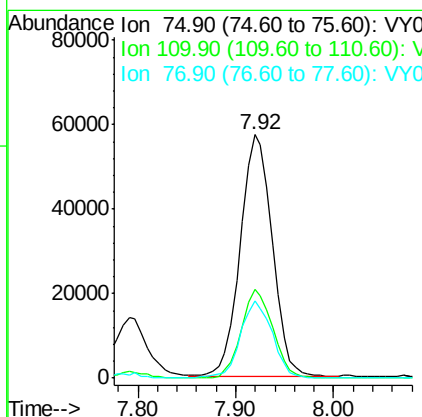
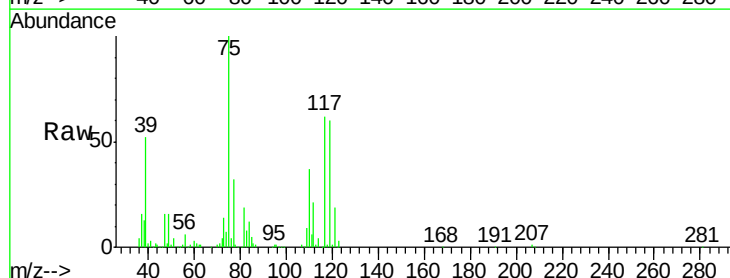
Manual Integrations
 APPROVED

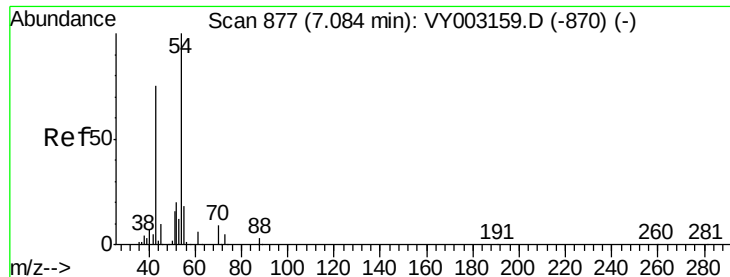
MMDadoda
 7/29/2020 7:07:23 PM



#36
 1,1-Dichloropropene
 Concen: 21.295 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	130472		
110	35.9	18.1	54.1	
77	31.9	24.8	37.2	





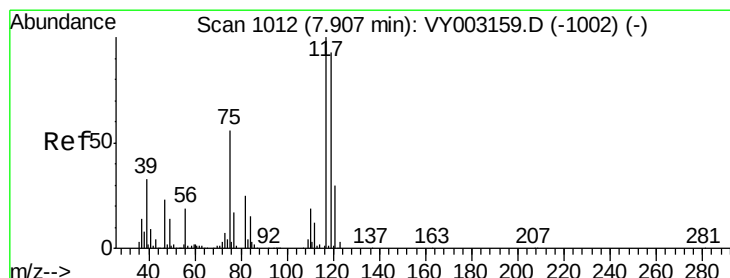
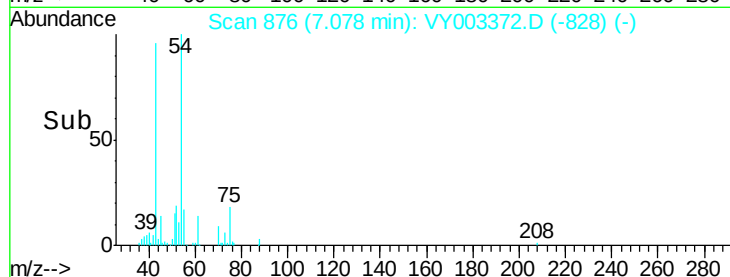
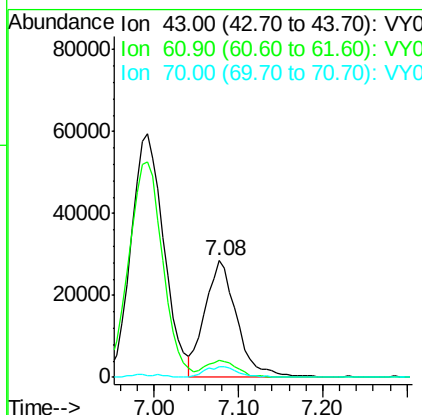
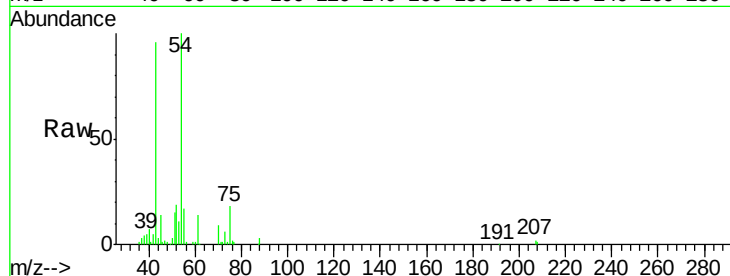
#37
Ethyl Acetate
Concen: 22.512 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.8	17.6
70	9.8	8.6	13.0

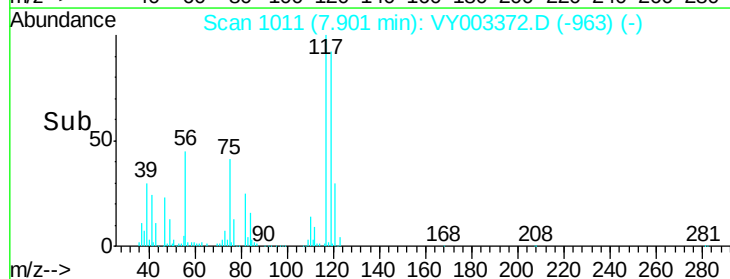
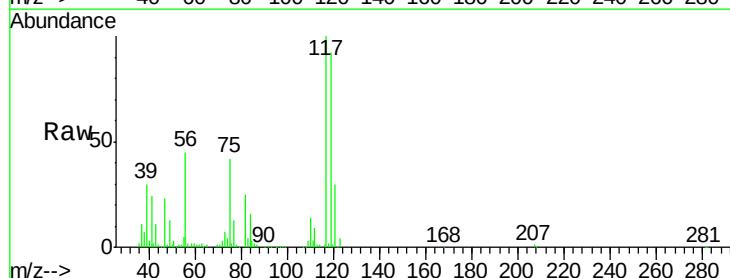
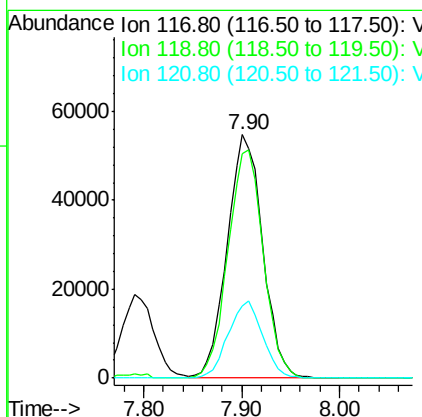
Manual Integrations
APPROVED

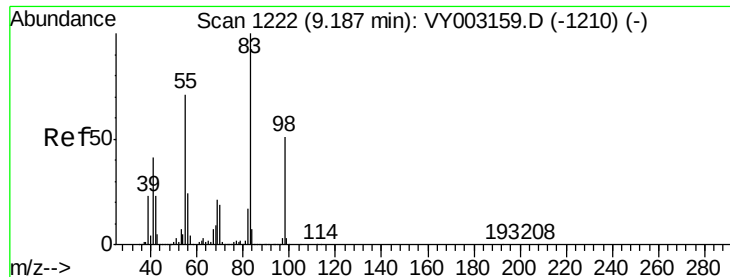
MMDadoda
7/29/2020 7:07:23 PM



#38
Carbon Tetrachloride
Concen: 21.755 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	74.5	111.7
121	29.8	24.2	36.2





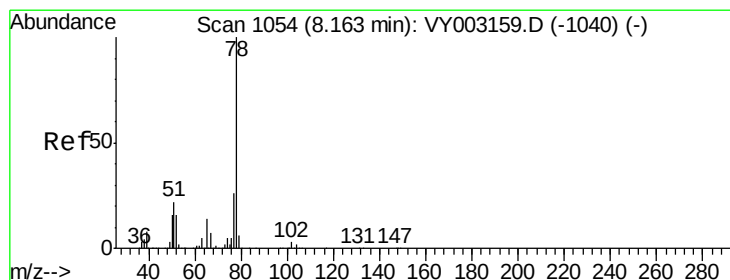
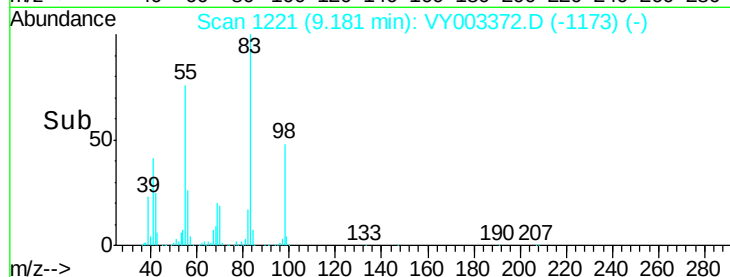
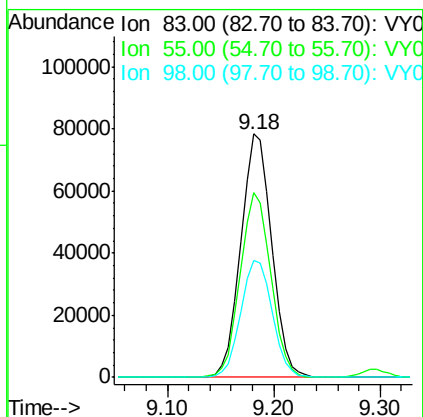
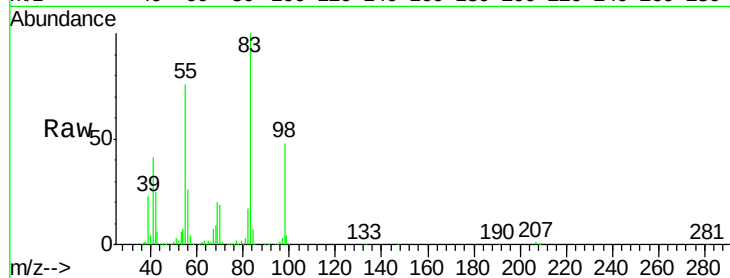
#39
Methylcyclohexane
Concen: 20.831 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	160335		
55	75.7	57.2	85.8	
98	48.0	41.0	61.6	

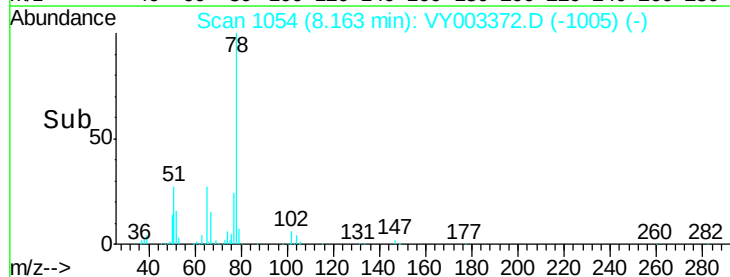
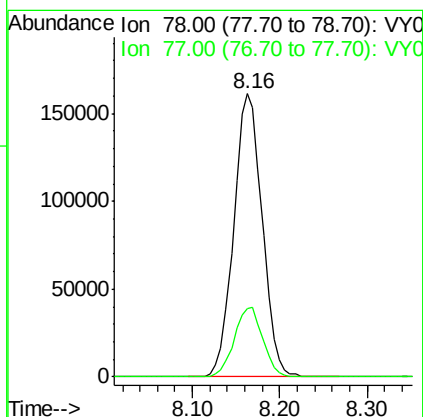
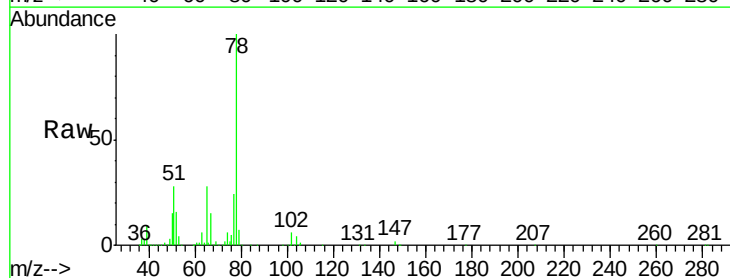
Manual Integrations
APPROVED

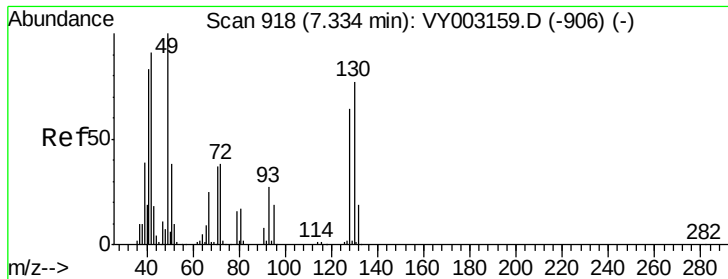
MMDadoda
7/29/2020 7:07:23 PM



#40
Benzene
Concen: 21.557 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	363670		
77	24.1	20.7	31.1	





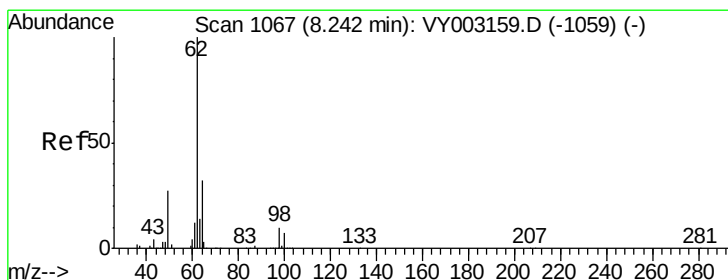
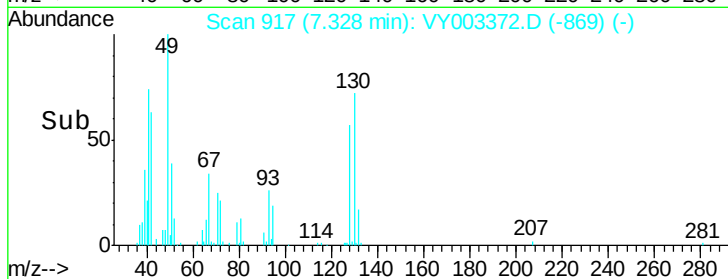
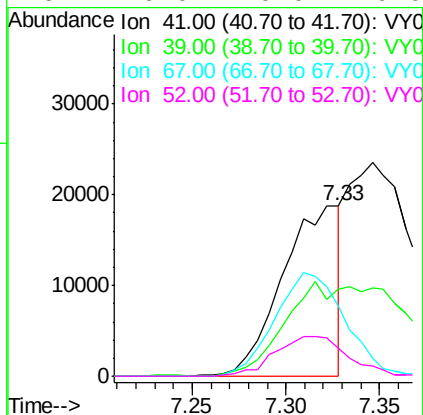
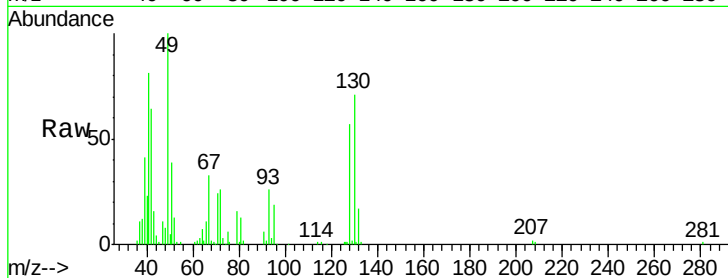
#41
Methacrylonitrile
Concen: 20.319 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

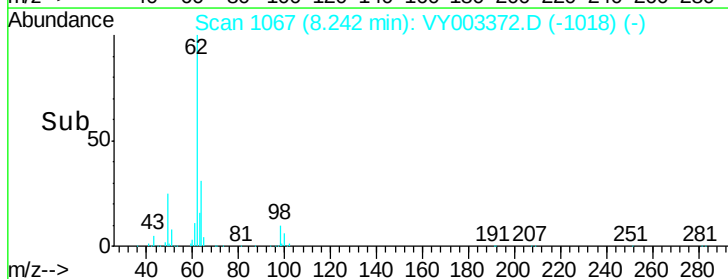
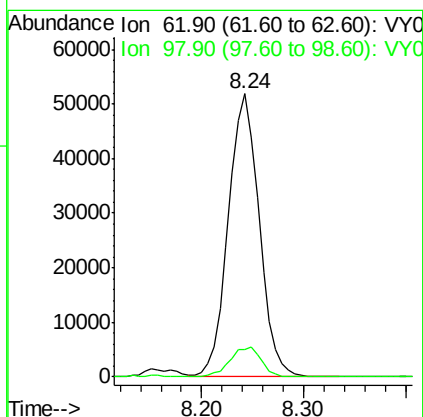
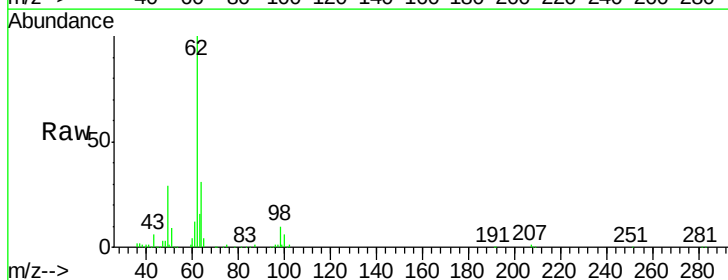
Manual Integrations
APPROVED

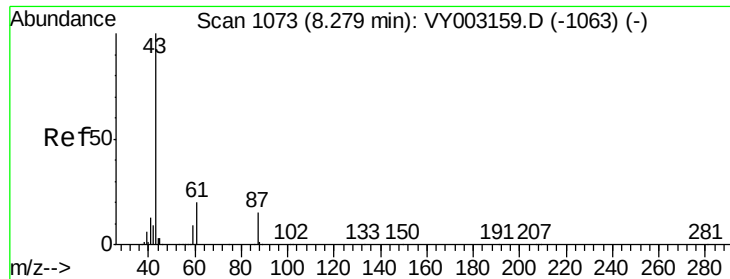
MMDadoda
7/29/2020 7:07:23 PM



#42
1,2-Dichloroethane
Concen: 20.988 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.0





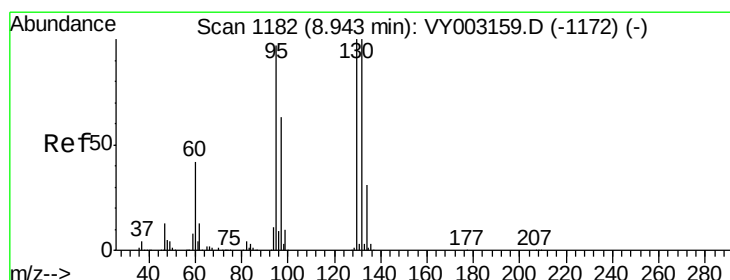
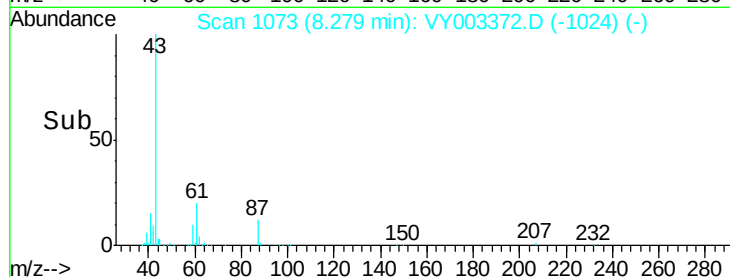
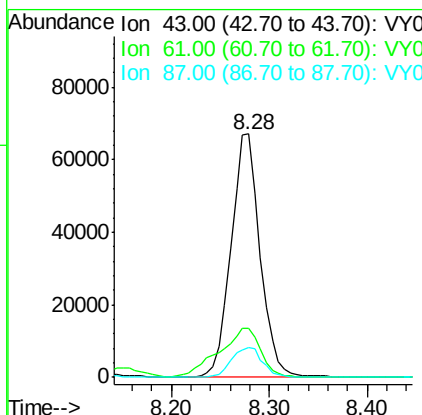
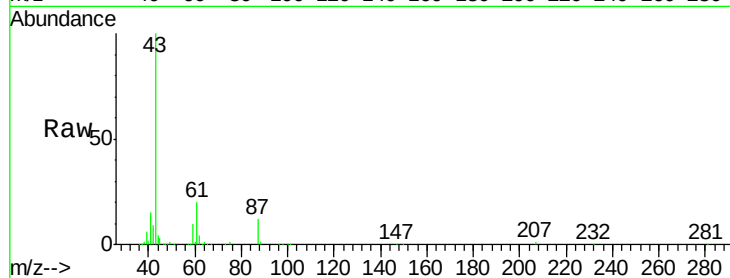
#43
Isopropyl Acetate
Concen: 21.670 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.7	35.5
87	13.1	11.4	17.0

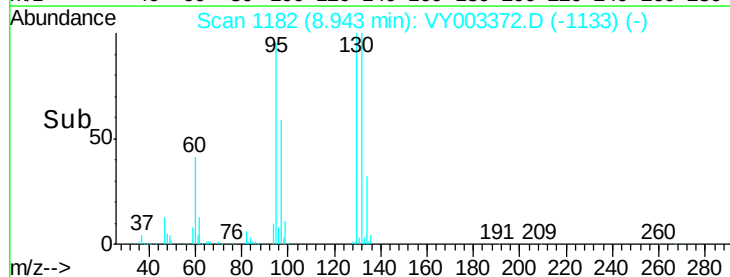
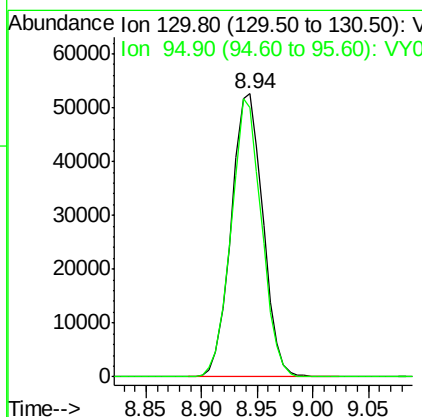
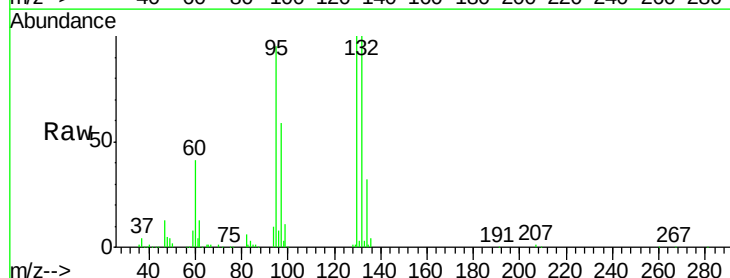
Manual Integrations
APPROVED

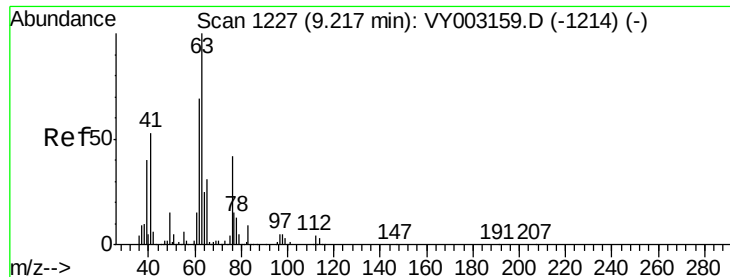
MMDadoda
7/29/2020 7:07:23 PM



#44
Trichloroethene
Concen: 20.034 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	193.8





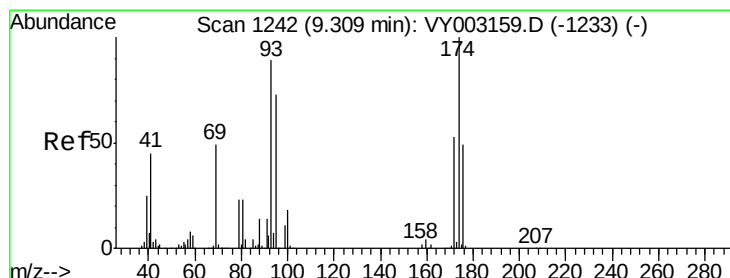
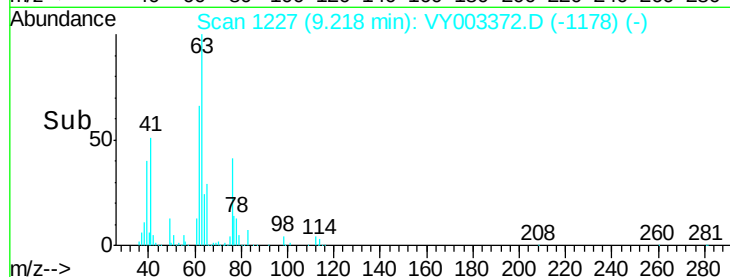
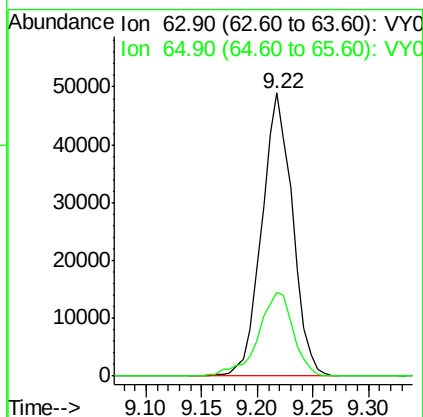
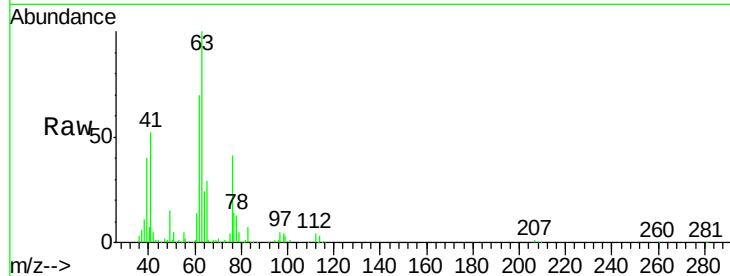
#45
 1,2-Dichloropropane
 Concen: 21.638 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion: 63 Resp: 94457
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.0 37.4

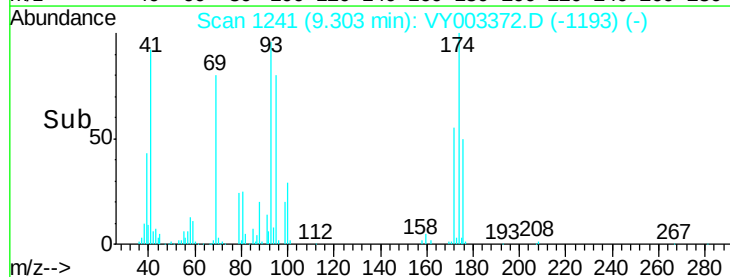
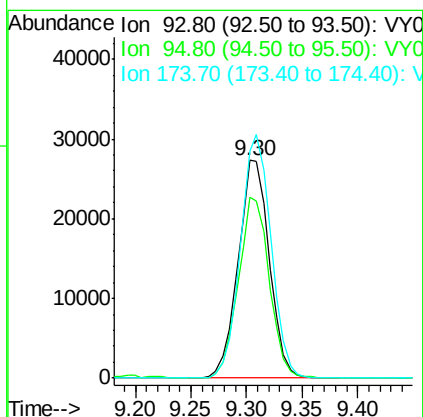
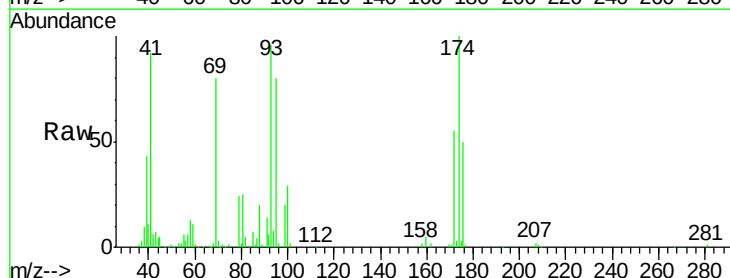
Manual Integrations
 APPROVED

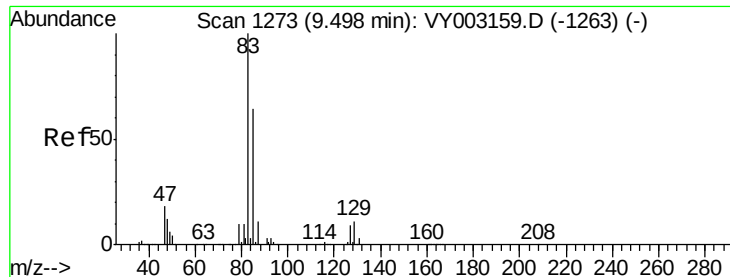
MMDadoda
 7/29/2020 7:07:23 PM



#46
 Dibromomethane
 Concen: 20.743 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion: 93 Resp: 52886
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 99.8
 174 109.8 90.2 135.4





#47

Bromodichloromethane

Concen: 21.517 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

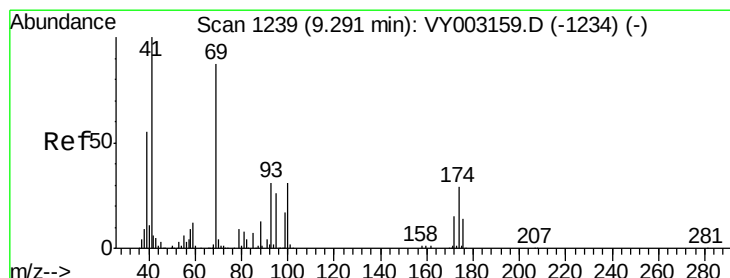
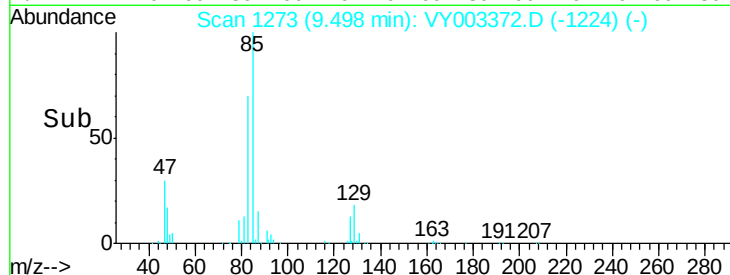
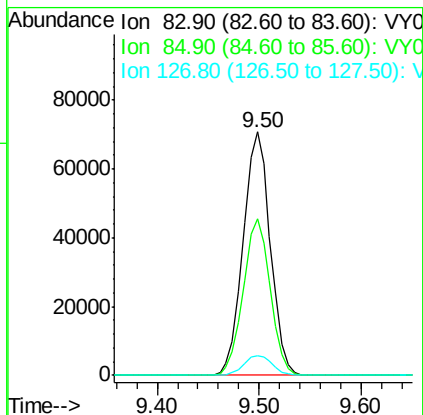
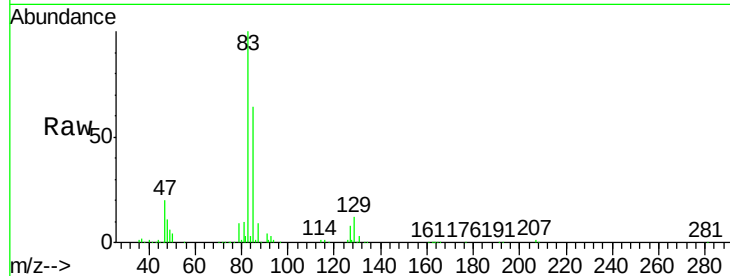
ClientSampleId :

VY0728SBS01

Tgt Ion:	83	Resp:	130475
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.9	76.3
127	8.0	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:23 PM



#48

Methyl methacrylate

Concen: 21.352 ug/l

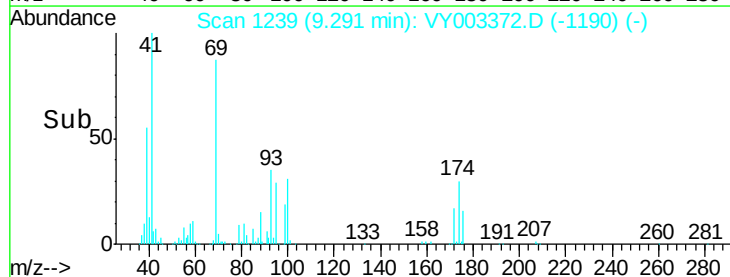
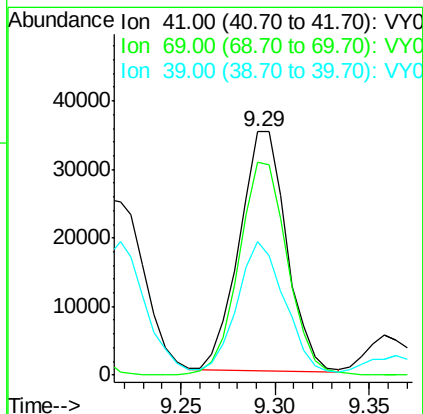
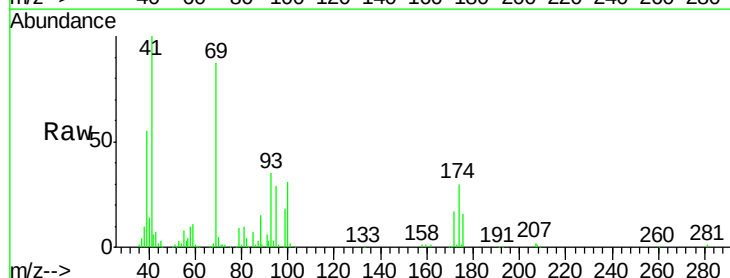
RT: 9.29 min Scan# 1239

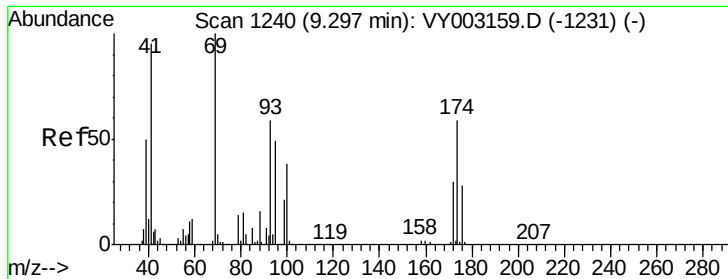
Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion:	41	Resp:	60965
Ion Ratio	Lower	Upper	
41	100		
69	91.2	74.5	111.7
39	54.1	47.5	71.3





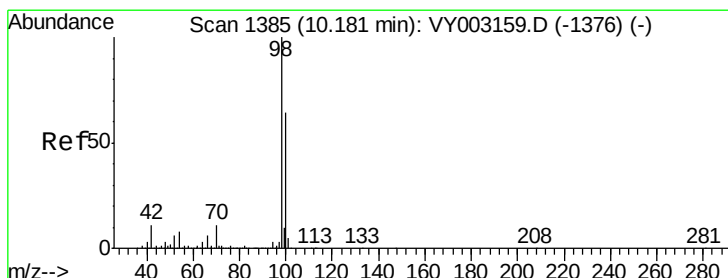
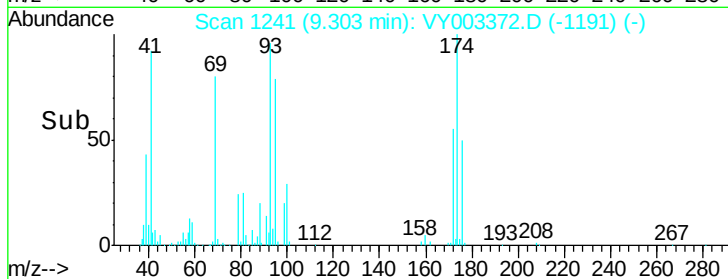
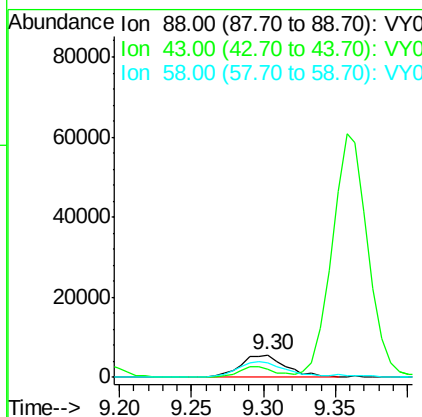
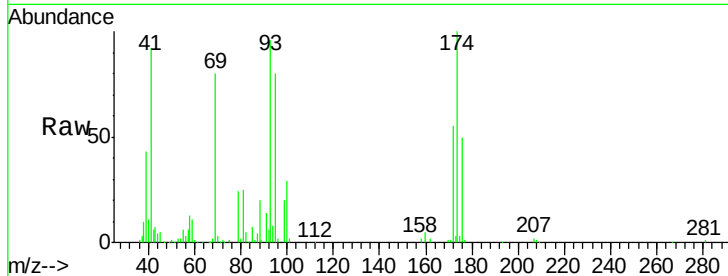
#49
1,4-Dioxane
Concen: 385.088 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.2	25.6	38.4#
58	75.1	47.8	71.6#

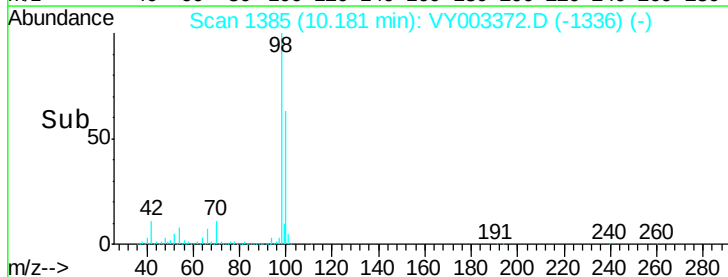
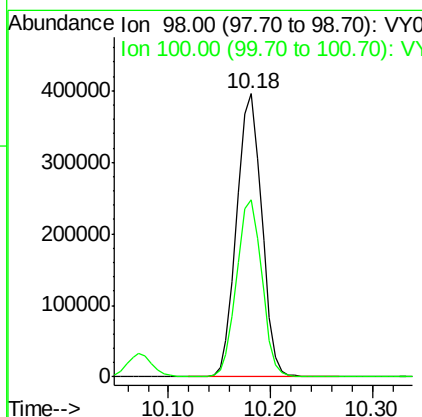
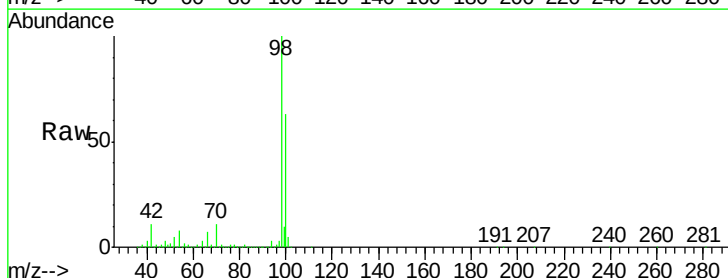
Manual Integrations
APPROVED

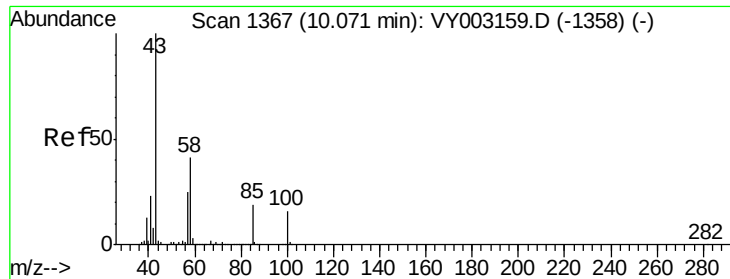
MMDadoda
7/29/2020 7:07:23 PM



#50
Toluene-d8
Concen: 46.653 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.7	76.1





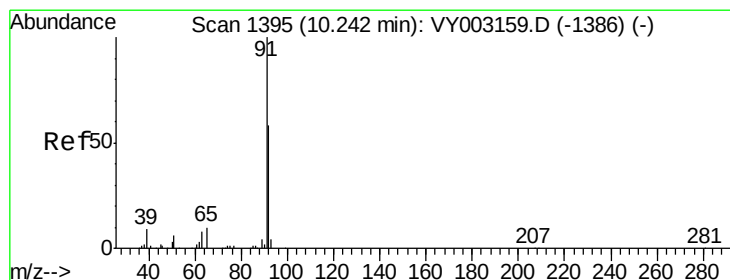
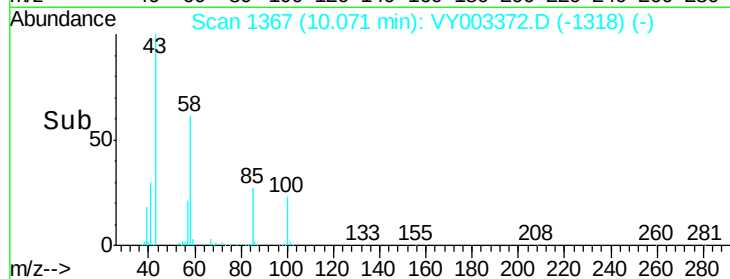
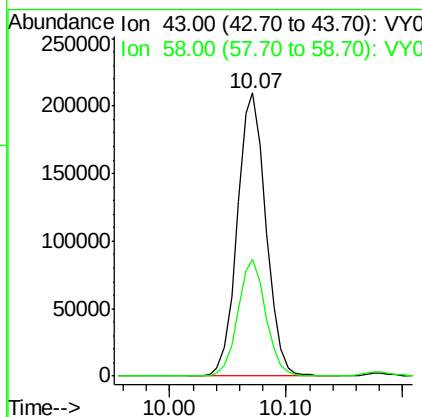
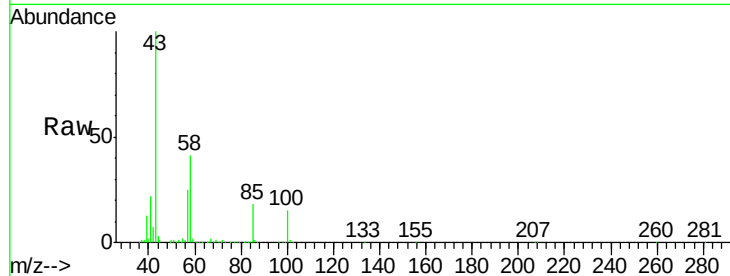
#51
4-Methyl-2-Pentanone
Concen: 107.981 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 43 Resp: 358457
Ion Ratio Lower Upper
43 100
58 40.3 32.7 49.1

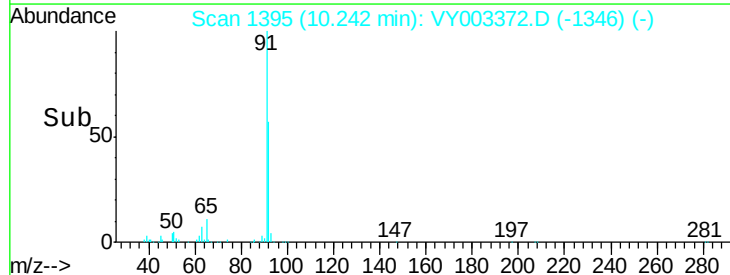
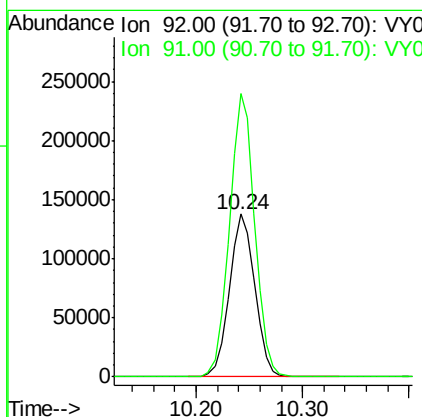
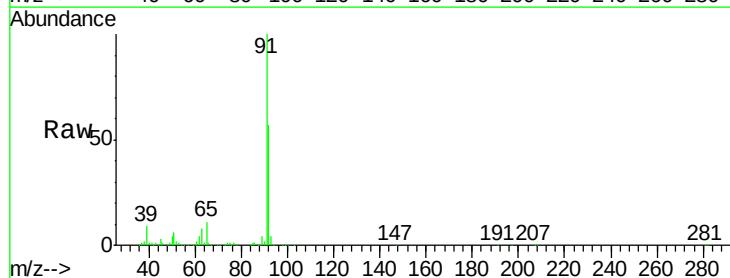
Manual Integrations
APPROVED

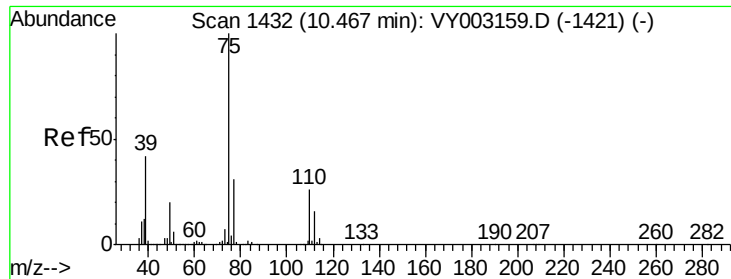
MMDadoda
7/29/2020 7:07:23 PM



#52
Toluene
Concen: 21.352 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 92 Resp: 230237
Ion Ratio Lower Upper
92 100
91 172.5 139.7 209.5





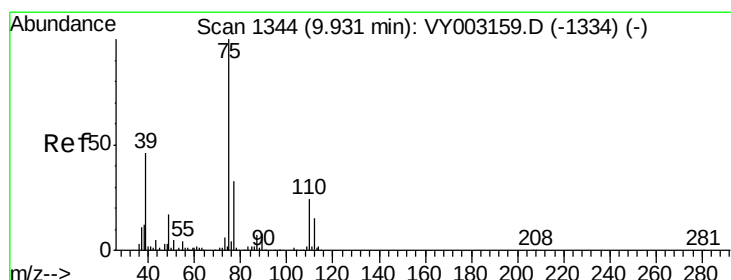
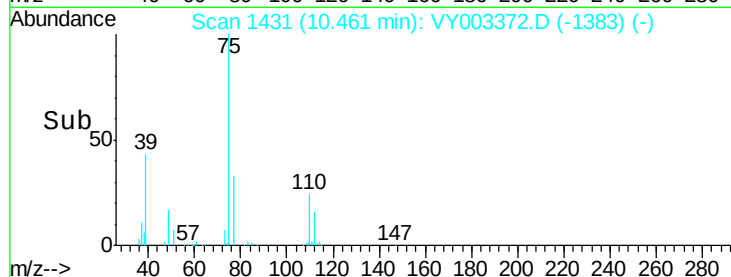
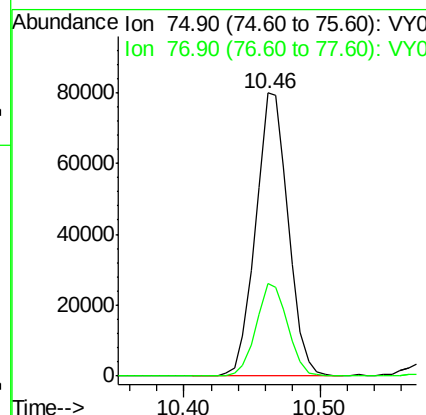
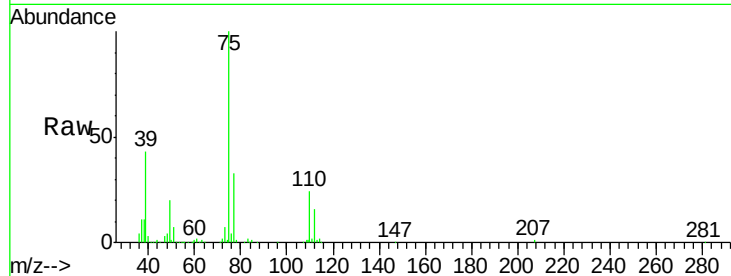
#53
 t-1,3-Dichloropropene
 Concen: 21.289 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion: 75 Resp: 133751
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.2 37.8

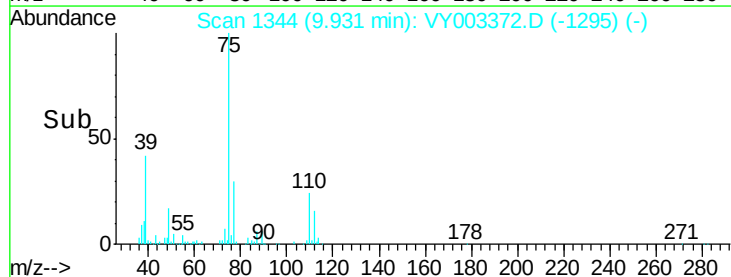
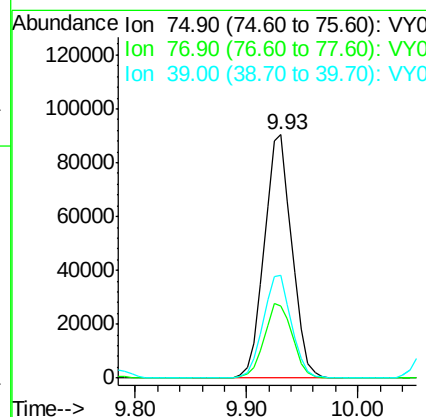
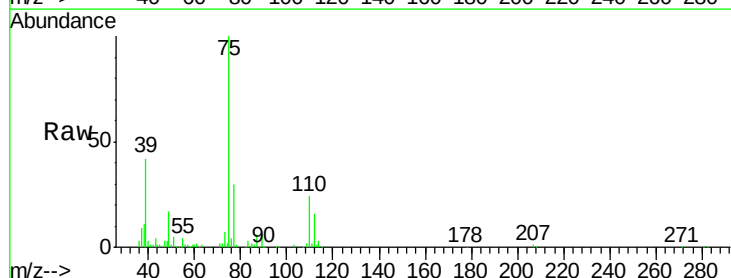
Manual Integrations
 APPROVED

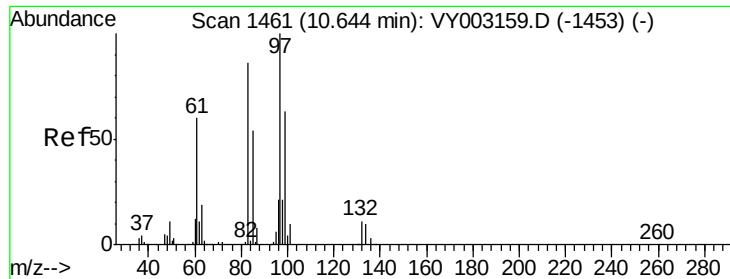
MMDadoda
 7/29/2020 7:07:23 PM



#54
 cis-1,3-Dichloropropene
 Concen: 21.648 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion: 75 Resp: 156707
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.7 40.1
 39 42.3 37.0 55.6





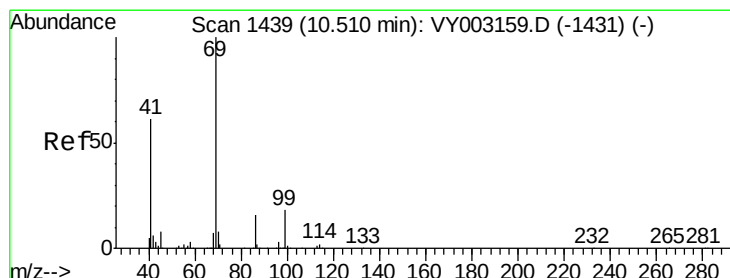
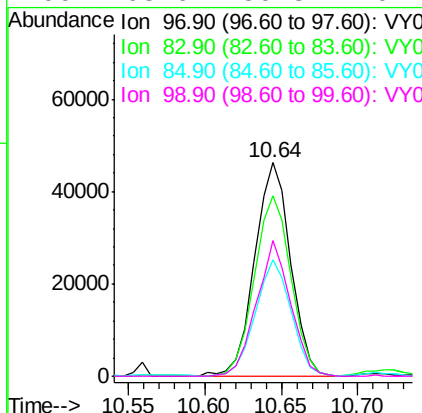
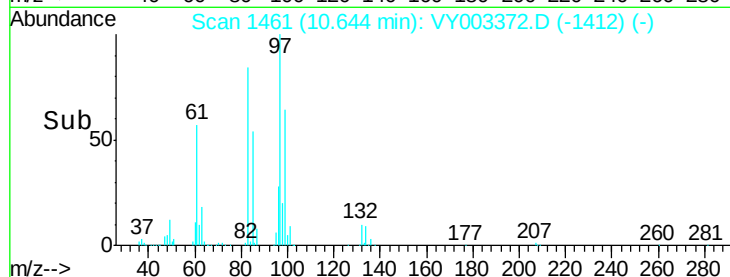
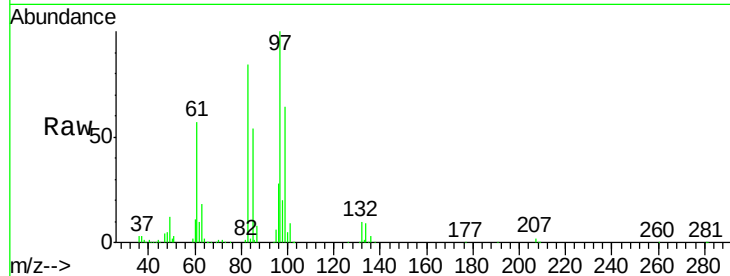
#55
 1,1,2-Trichloroethane
 Concen: 20.921 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	75587		
83	84.1	68.8	103.2	
85	54.3	43.1	64.7	
99	63.6	50.8	76.2	

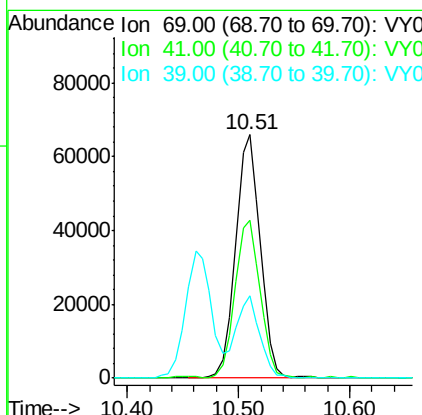
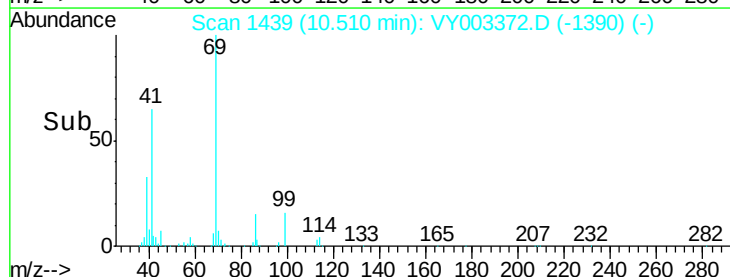
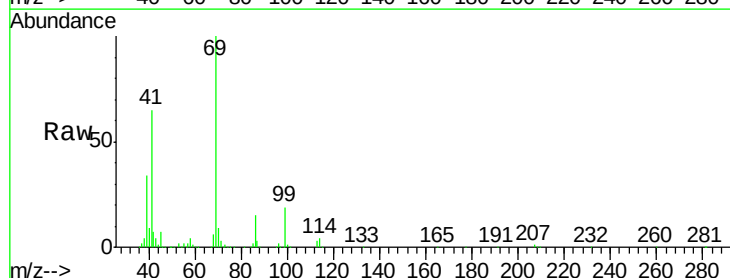
Manual Integrations
 APPROVED

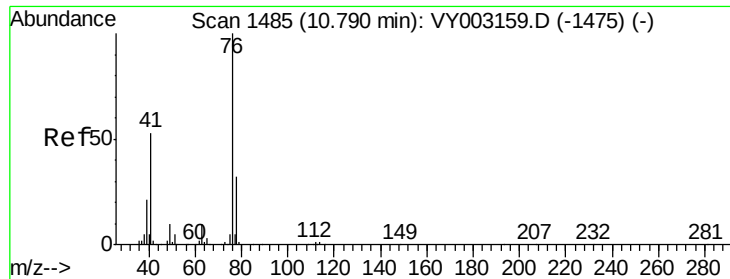
MMDadoda
 7/29/2020 7:07:23 PM



#56
 Ethyl methacrylate
 Concen: 20.558 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	100980		
41	64.9	50.0	75.0	
39	32.6	27.6	41.4	





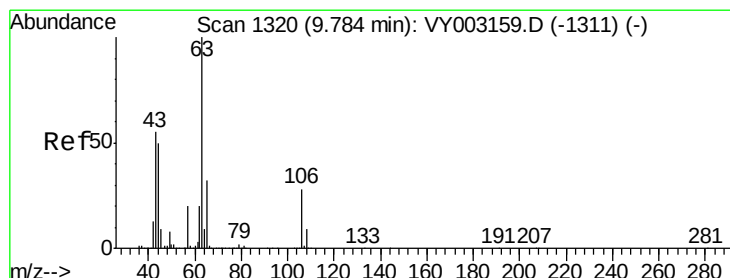
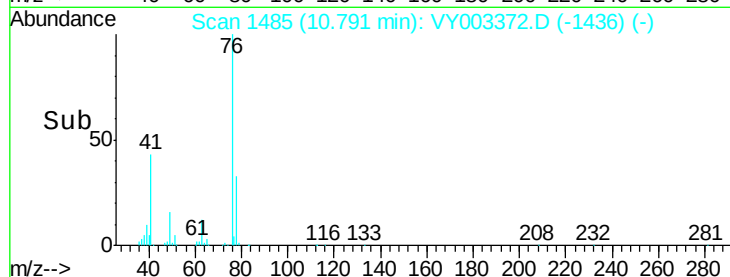
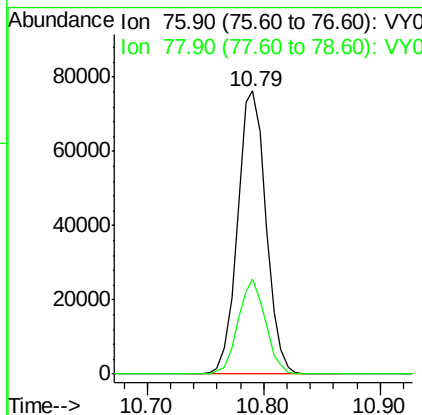
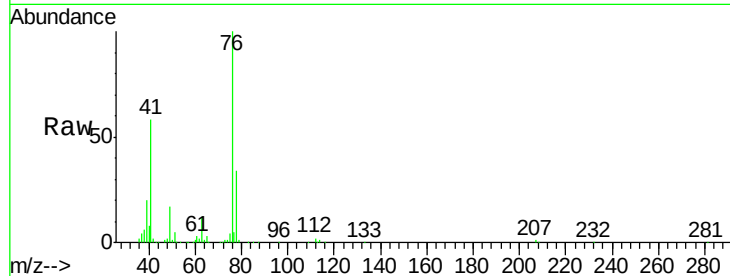
#57
 1,3-Dichloropropane
 Concen: 21.121 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion: 76 Resp: 129384
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0

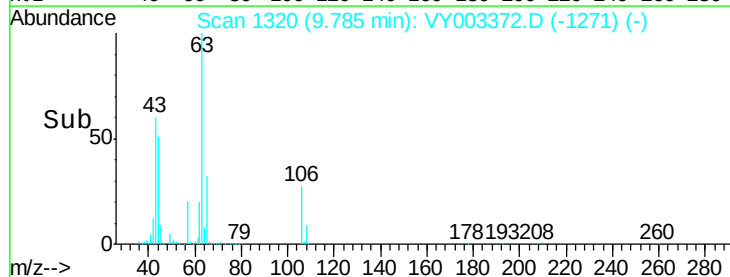
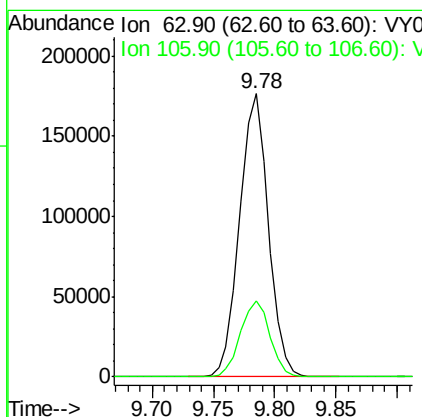
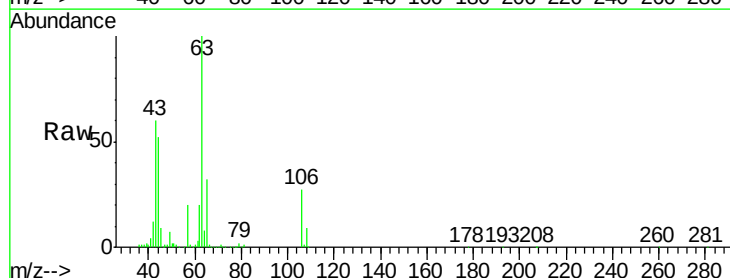
Manual Integrations
 APPROVED

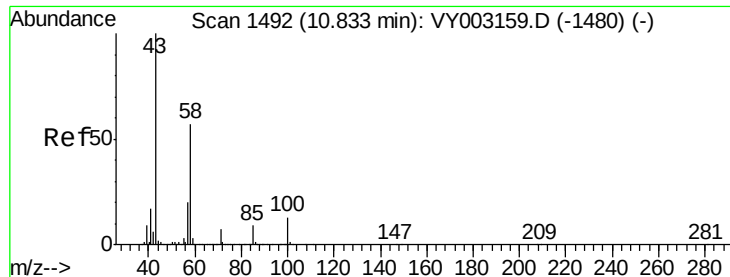
MMDadoda
 7/29/2020 7:07:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.991 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion: 63 Resp: 288060
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.9 34.3





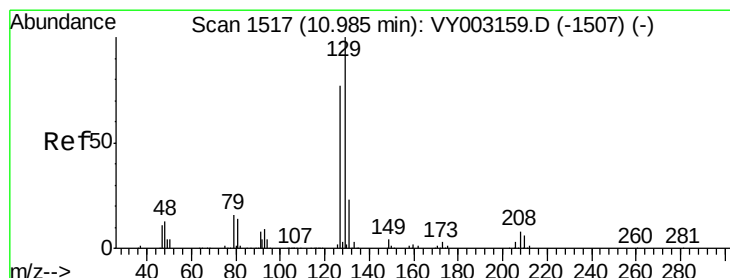
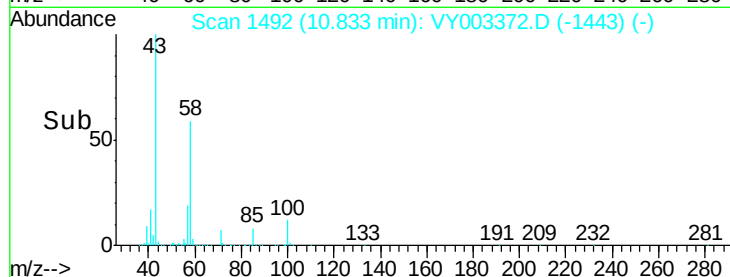
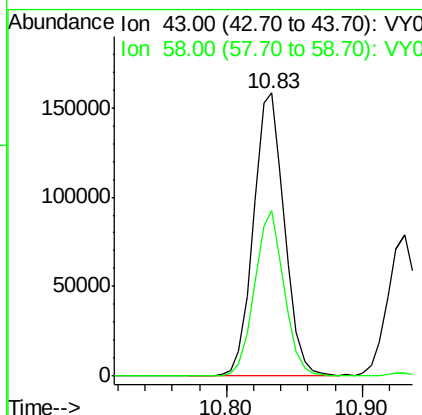
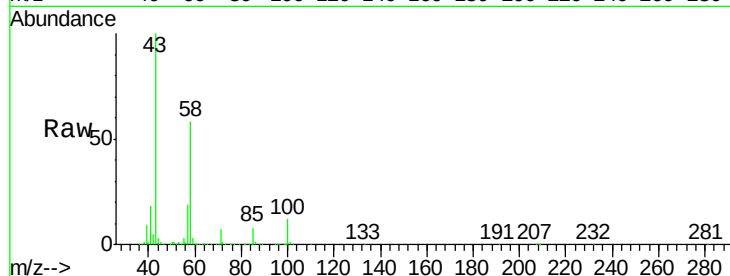
#59
2-Hexanone
Concen: 108.820 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 43 Resp: 252172
Ion Ratio Lower Upper
43 100
58 56.0 28.3 85.0

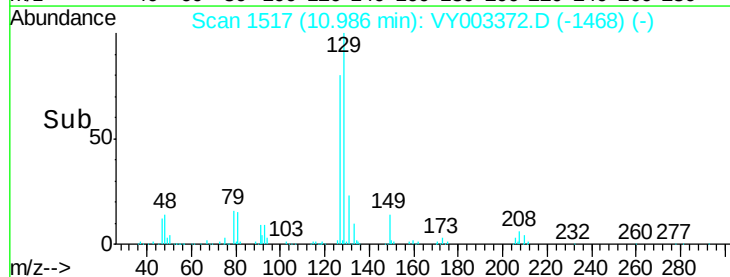
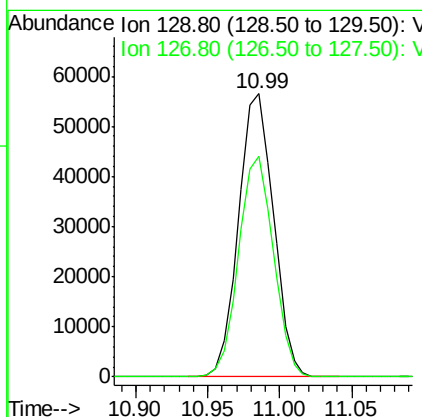
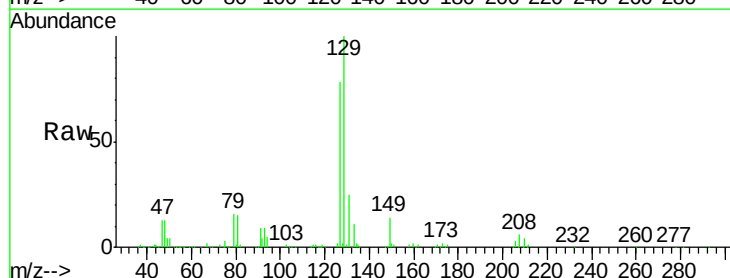
Manual Integrations
APPROVED

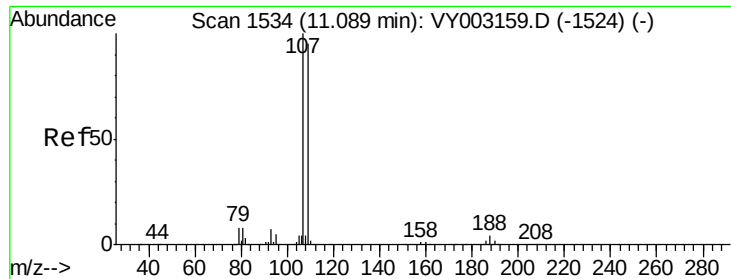
MMDadoda
7/29/2020 7:07:23 PM



#60
Dibromochloromethane
Concen: 21.020 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 129 Resp: 95519
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.977 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 107 Resp: 71234

Ion Ratio Lower Upper

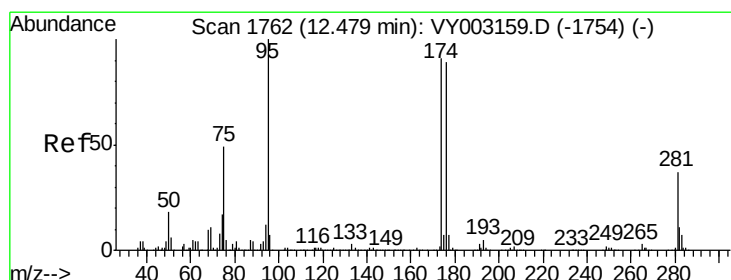
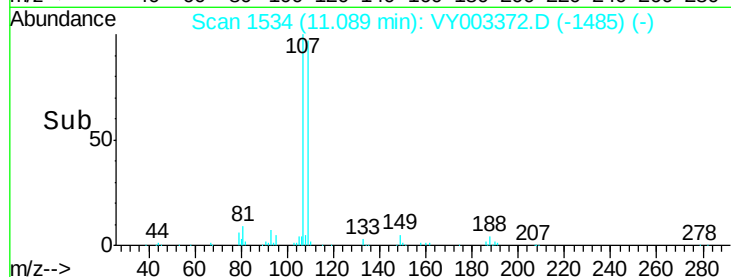
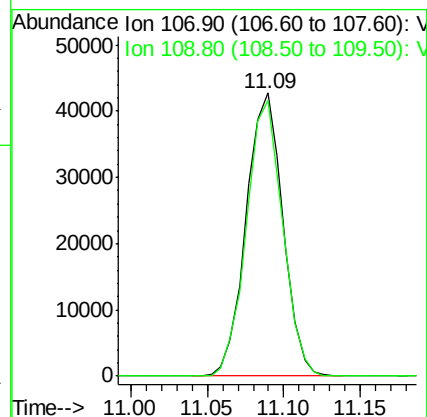
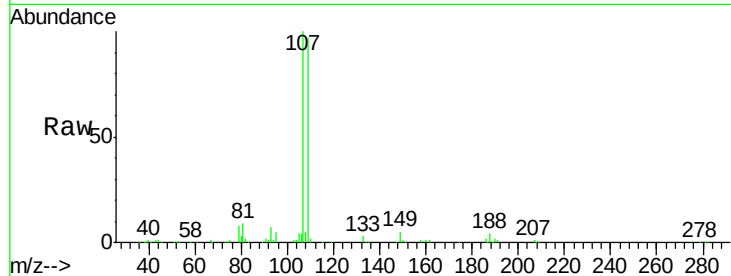
107 100

109 96.3 75.6 113.4

Manual Integrations
APPROVED

MMDadoda

7/29/2020 7:07:23 PM



#62

4-Bromofluorobenzene

Concen: 47.703 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

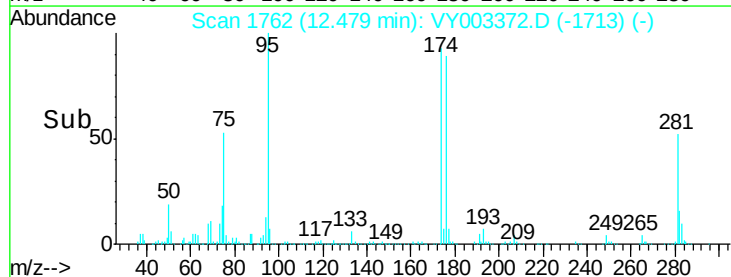
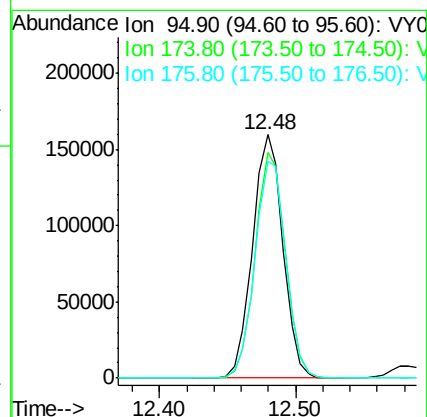
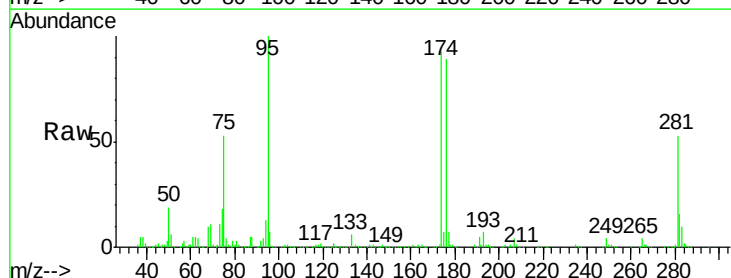
Tgt Ion: 95 Resp: 249252

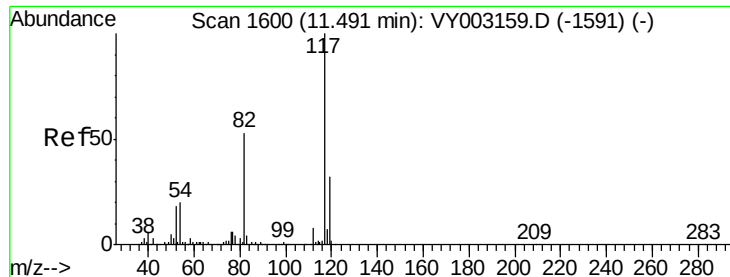
Ion Ratio Lower Upper

95 100

174 93.0 0.0 190.6

176 90.8 0.0 186.4





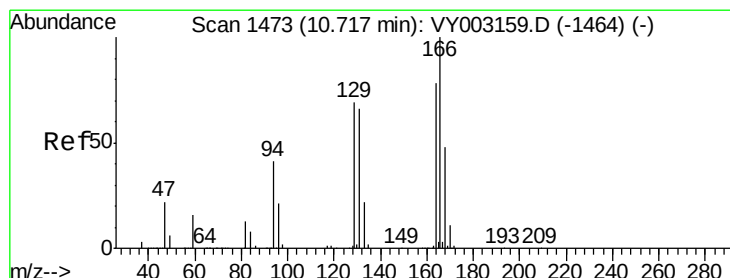
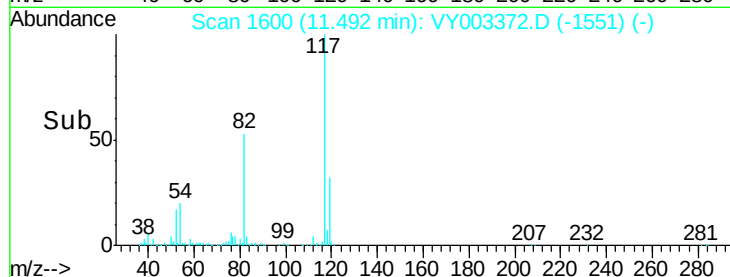
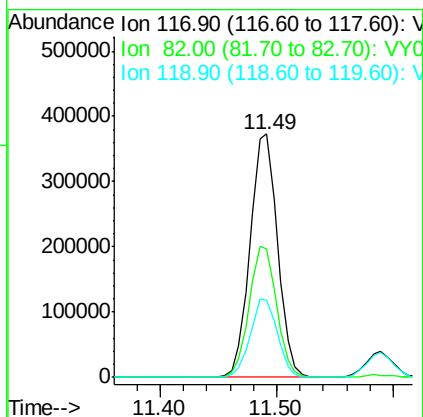
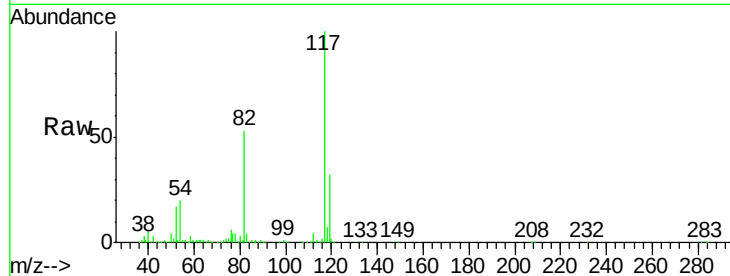
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.8	42.0	63.0
119	31.8	25.5	38.3

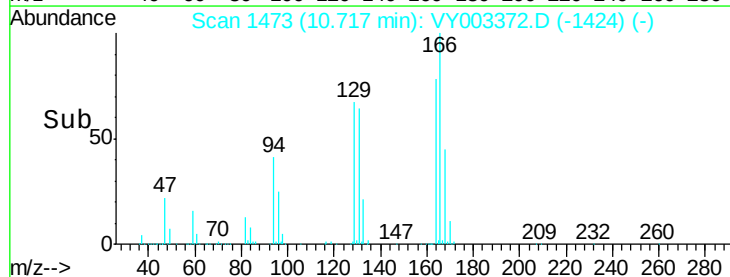
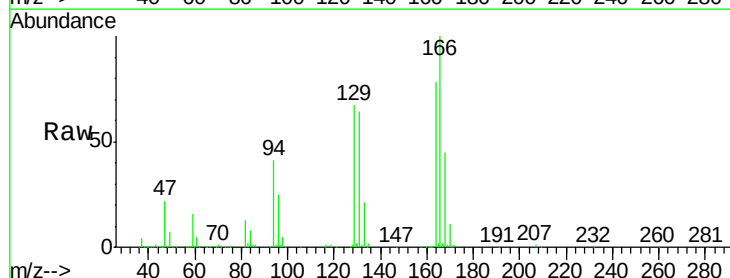
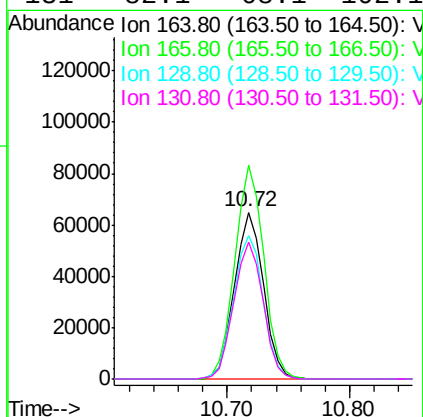
Manual Integrations
APPROVED

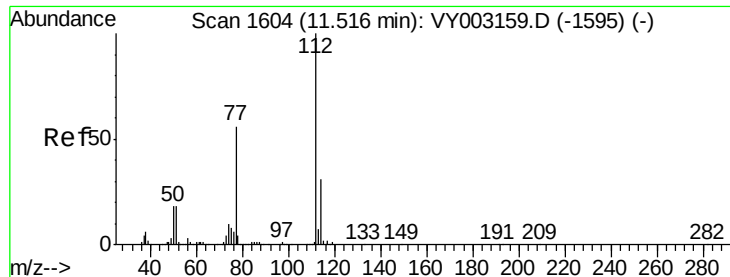
MMDadoda
7/29/2020 7:07:23 PM



#64
Tetrachloroethene
Concen: 19.364 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	128.2	102.9	154.3
129	86.0	71.4	107.2
131	82.1	68.1	102.1





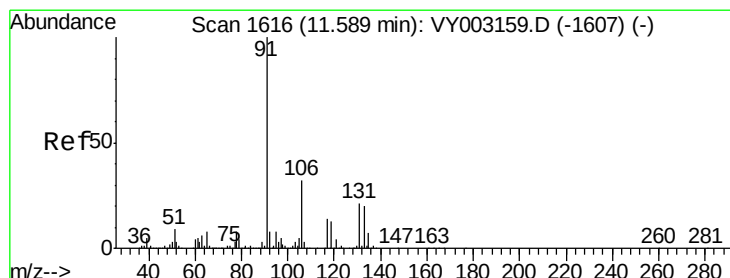
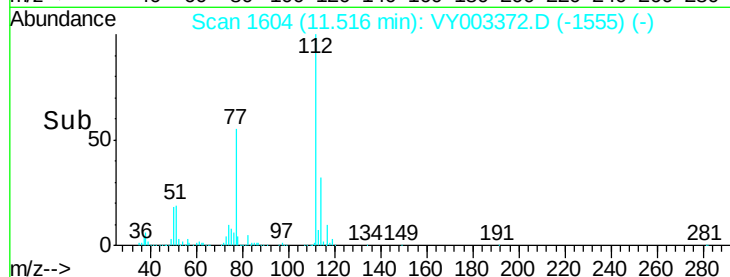
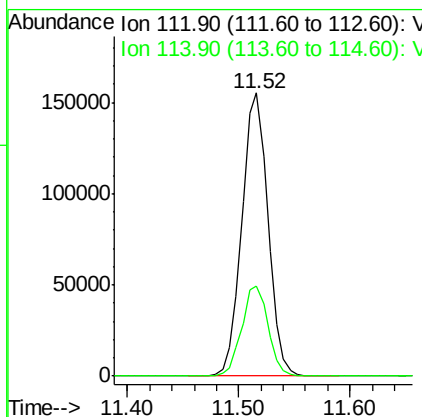
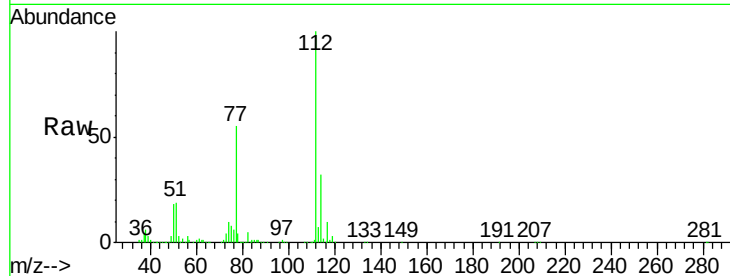
#65
Chlorobenzene
Concen: 21.333 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion:112 Resp: 252227
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1

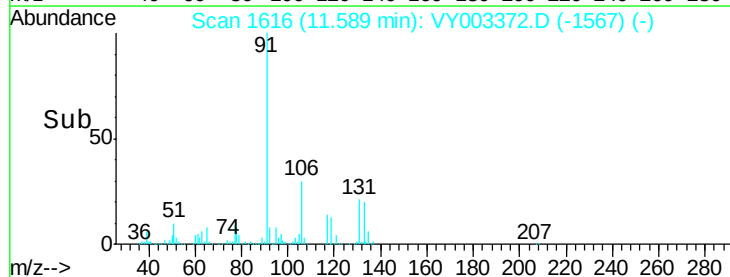
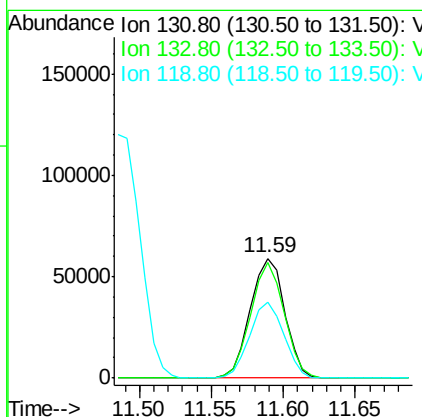
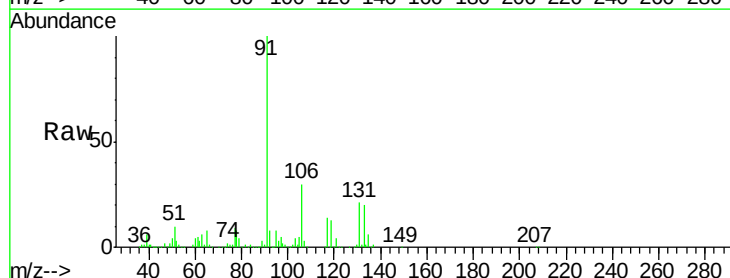
Manual Integrations
APPROVED

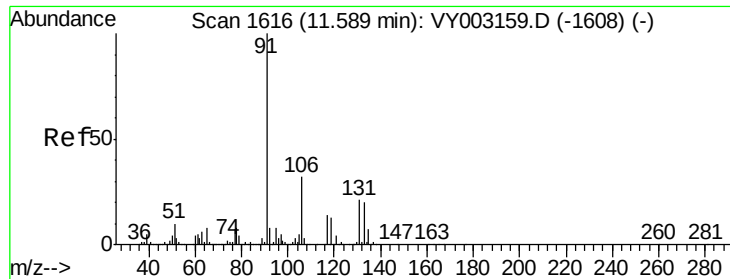
MMDadoda
7/29/2020 7:07:23 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.259 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion:131 Resp: 97621
Ion Ratio Lower Upper
131 100
133 93.5 48.0 144.0
119 62.9 32.4 97.0





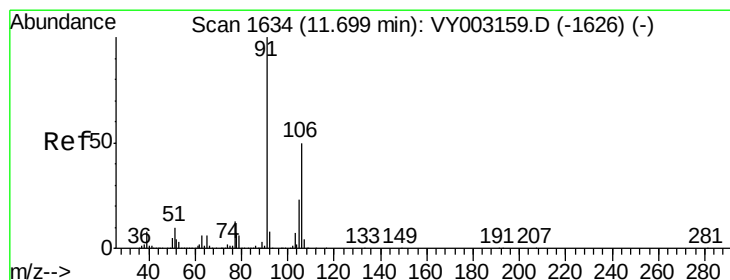
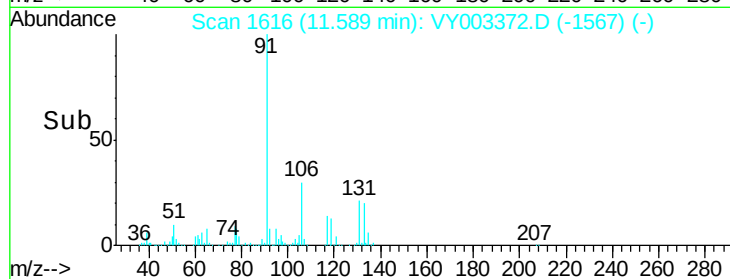
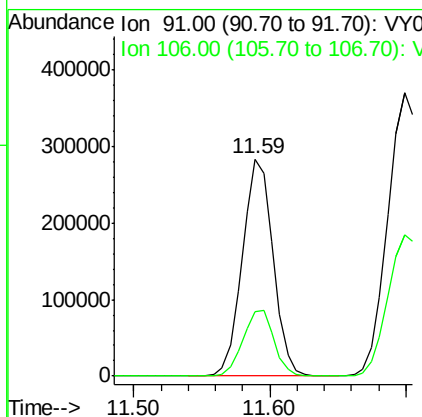
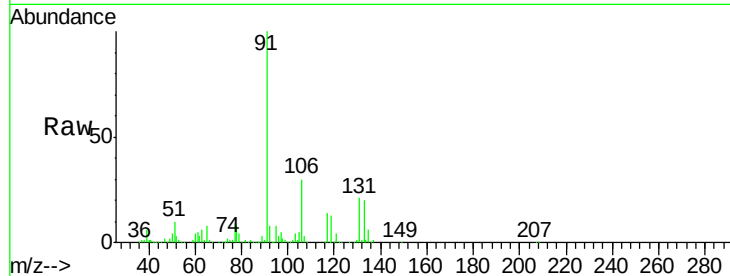
#67
Ethyl Benzene
Concen: 21.175 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 91 Resp: 447011
Ion Ratio Lower Upper
91 100
106 29.7 25.5 38.3

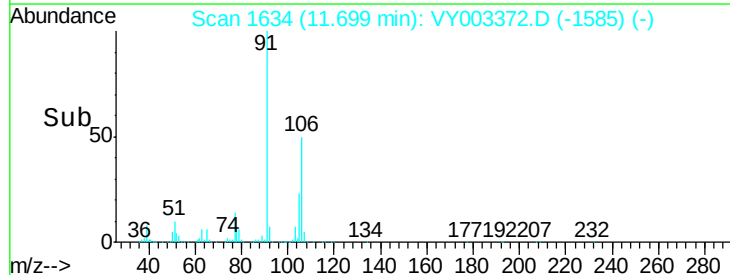
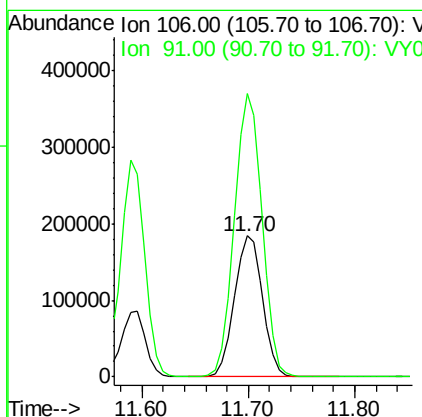
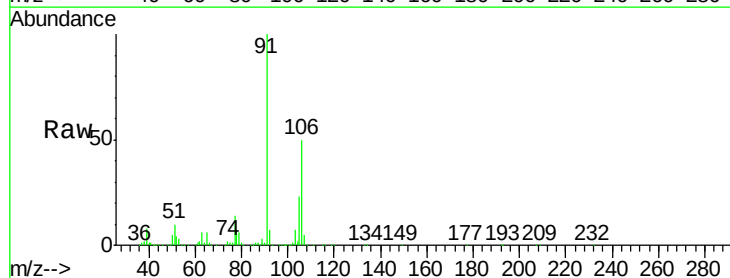
Manual Integrations
APPROVED

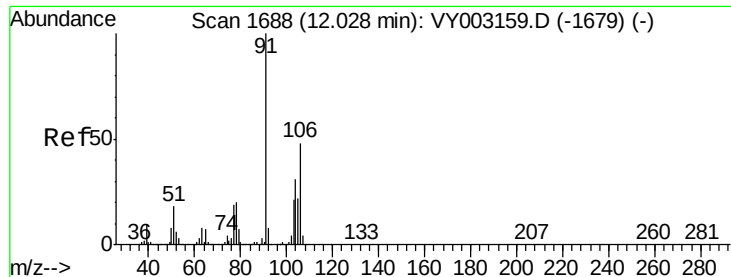
MMDadoda
7/29/2020 7:07:23 PM



#68
m/p-Xylenes
Concen: 42.598 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 106 Resp: 341203
Ion Ratio Lower Upper
106 100
91 198.0 159.0 238.6





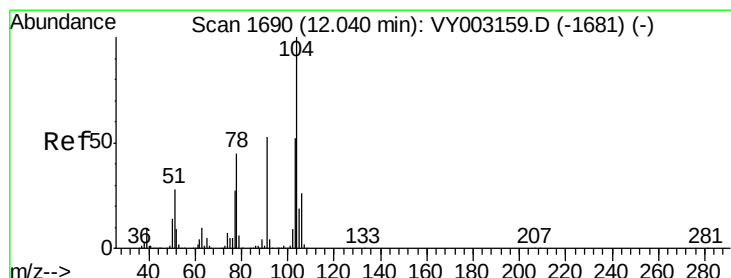
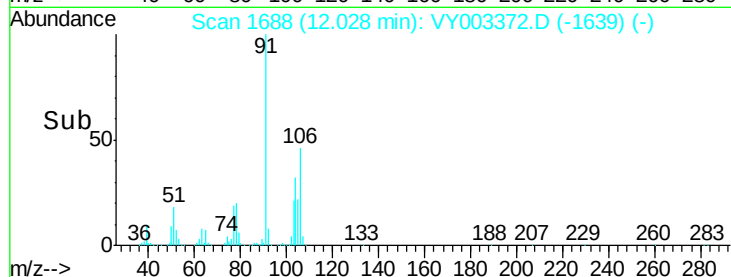
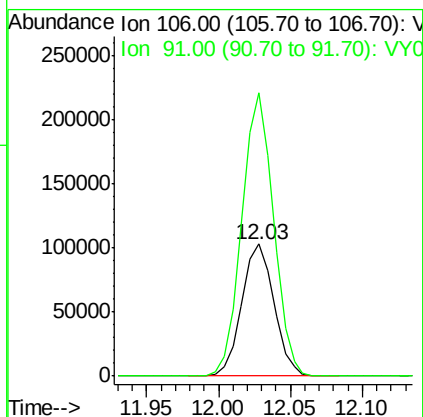
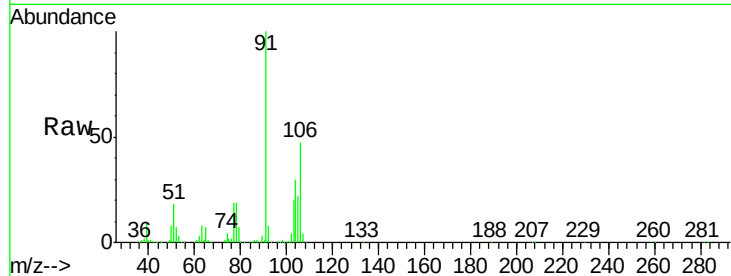
#69
o-Xylene
Concen: 21.316 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion:106 Resp: 159504
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.1

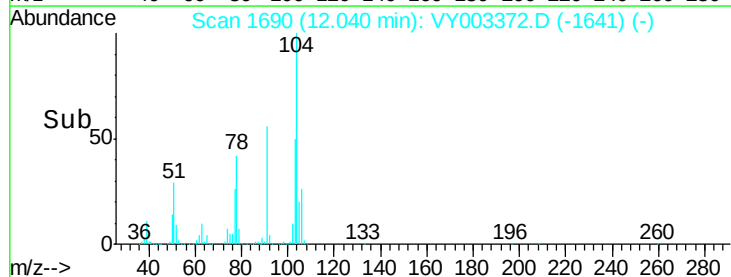
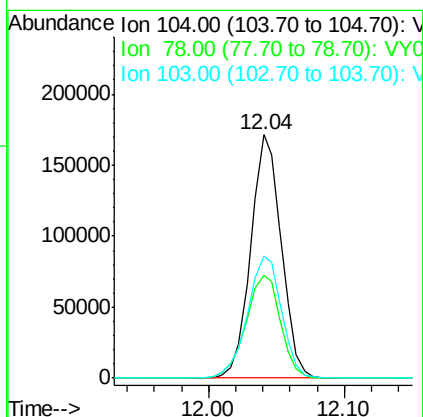
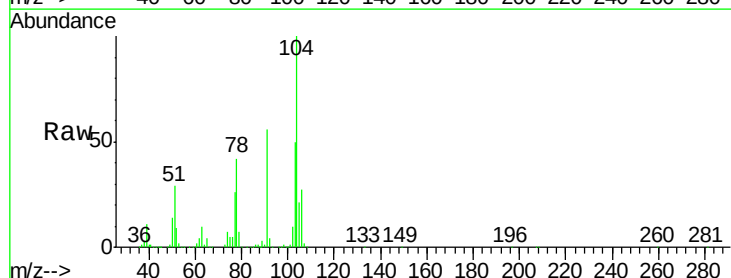
Manual Integrations
APPROVED

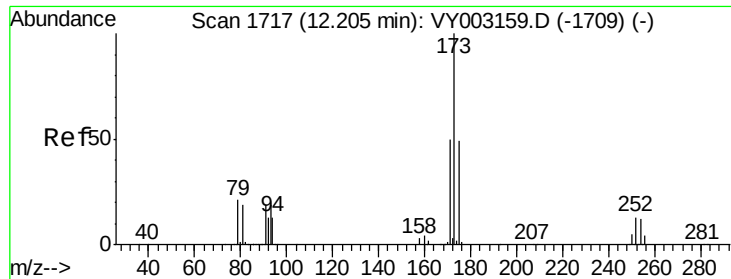
MMDadoda
7/29/2020 7:07:23 PM



#70
Styrene
Concen: 21.114 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion:104 Resp: 270275
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 55.9 43.9 65.9





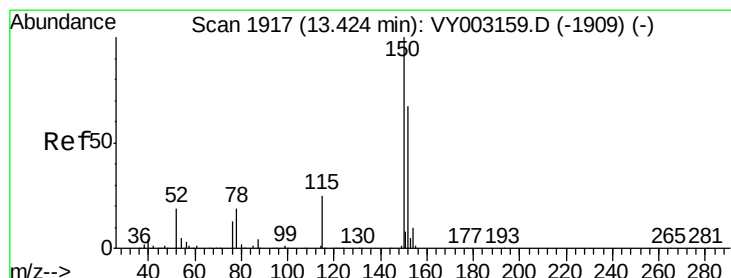
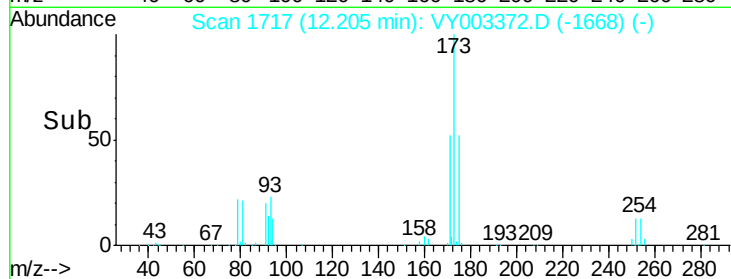
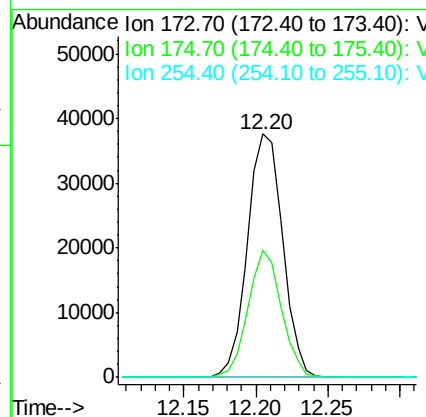
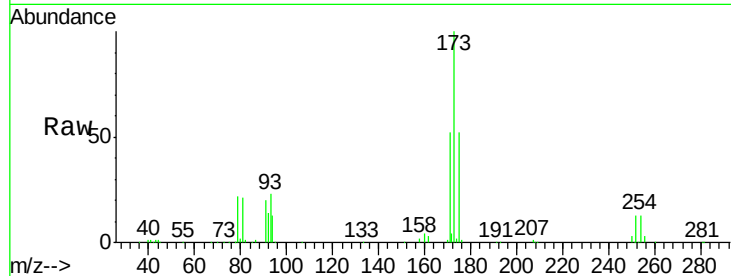
#71
Bromoform
Concen: 21.047 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.3	73.0
254	0.1	0.2	0.2

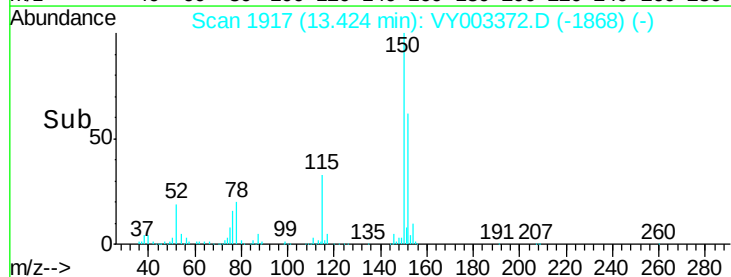
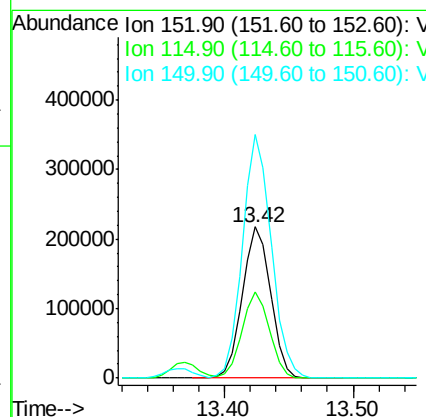
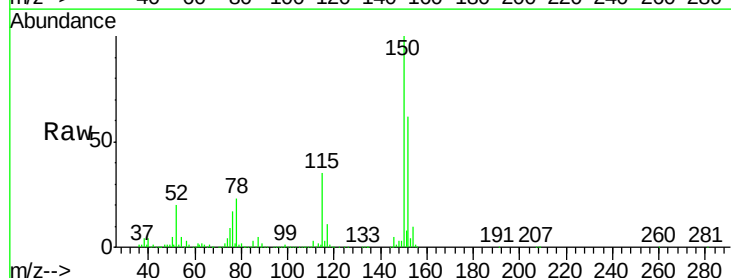
Manual Integrations
APPROVED

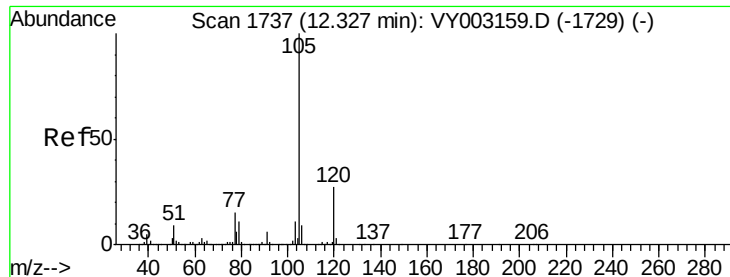
MMDadoda
7/29/2020 7:07:23 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	26.9	80.7
150	164.0	0.0	338.0





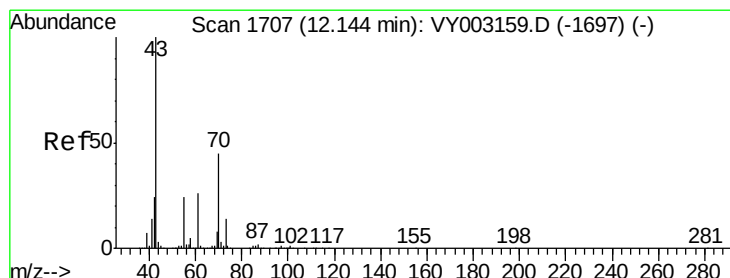
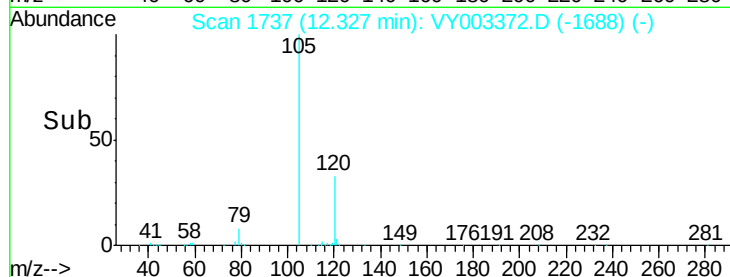
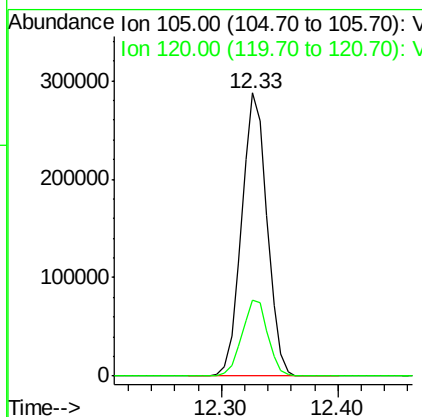
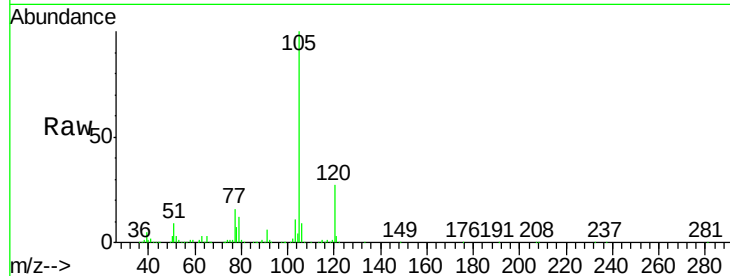
#73
Isopropylbenzene
Concen: 20.844 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	438665		
120	27.3	13.4	40.2	

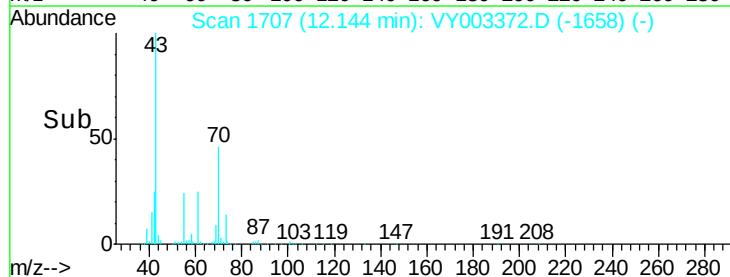
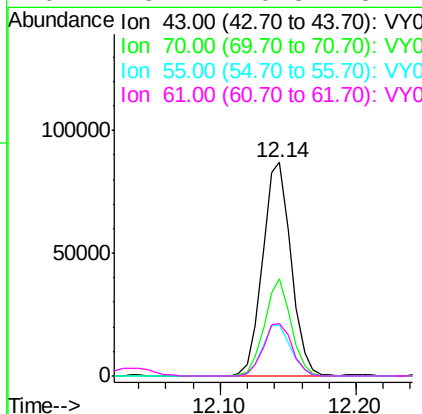
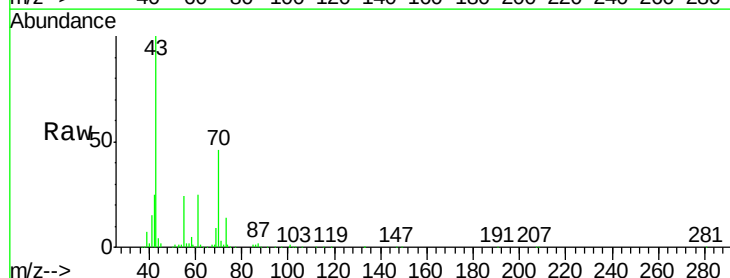
Manual Integrations
APPROVED

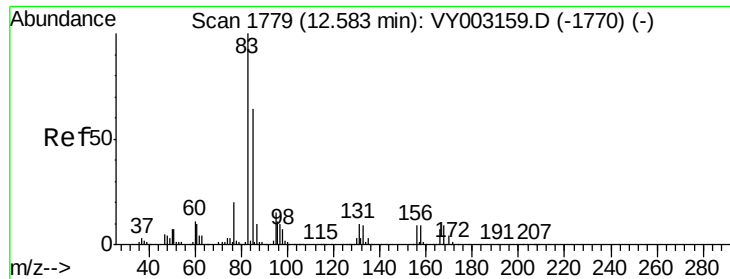
MMDadoda
7/29/2020 7:07:23 PM



#74
N-ethyl acetate
Concen: 21.629 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	127720		
70	42.5	35.6	53.4	
55	24.2	19.4	29.2	
61	25.1	20.8	31.2	





#75

1,1,2,2-Tetrachloroethane

Concen: 21.605 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

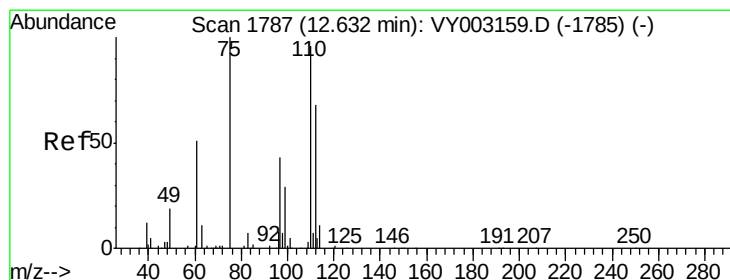
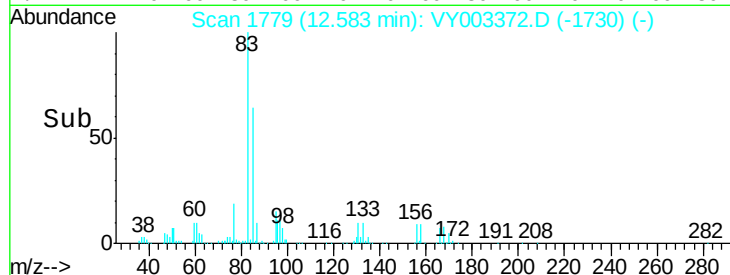
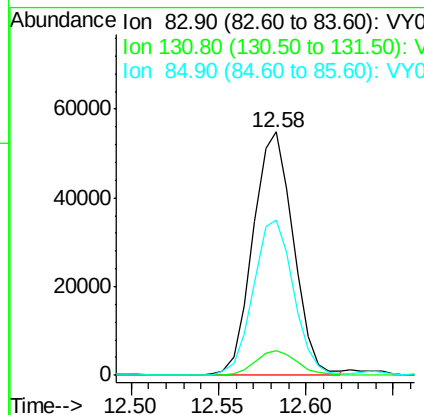
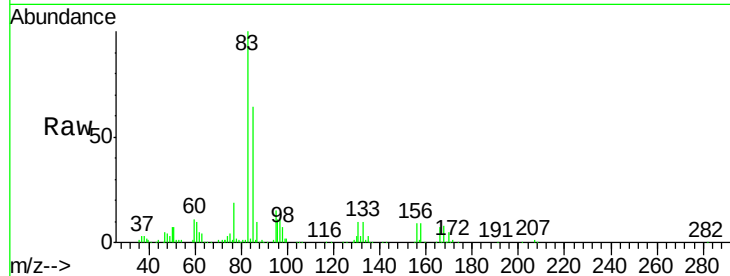
ClientSampleId :

VY0728SBS01

Tgt Ion:	83	Resp:	87814
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	64.0	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:23 PM



#76

1,2,3-Trichloropropane

Concen: 21.540 ug/l m

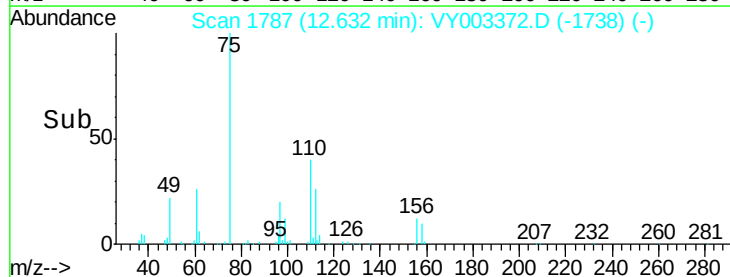
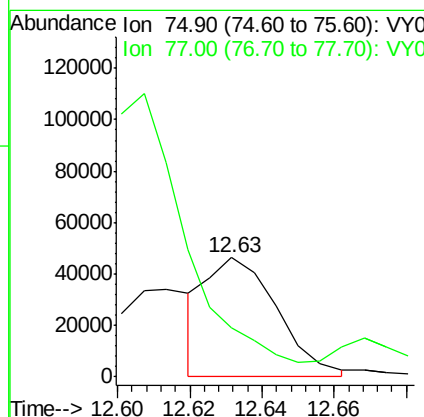
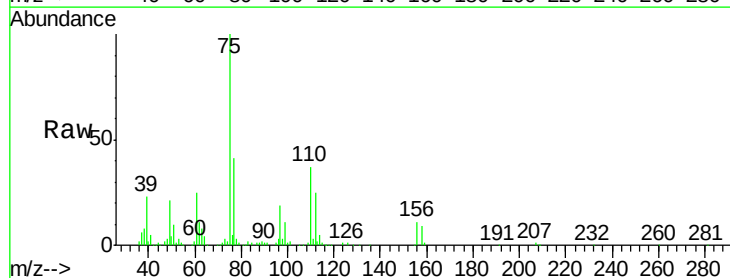
RT: 12.63 min Scan# 1787

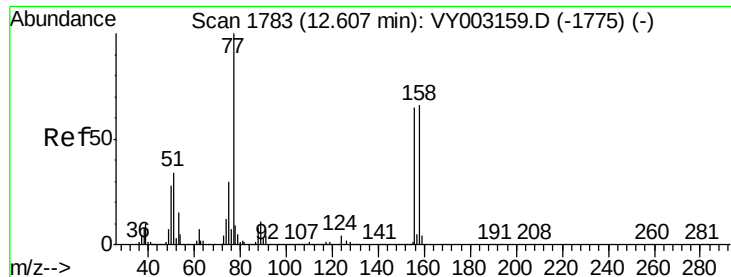
Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion:	75	Resp:	62966
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.057 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

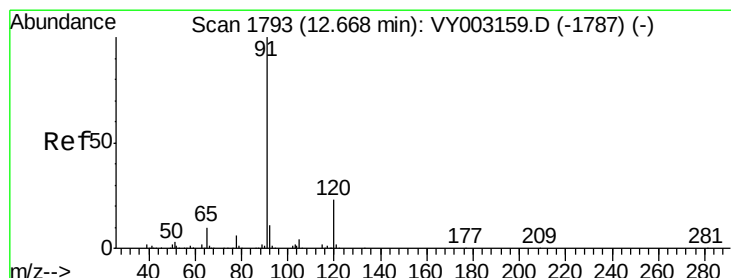
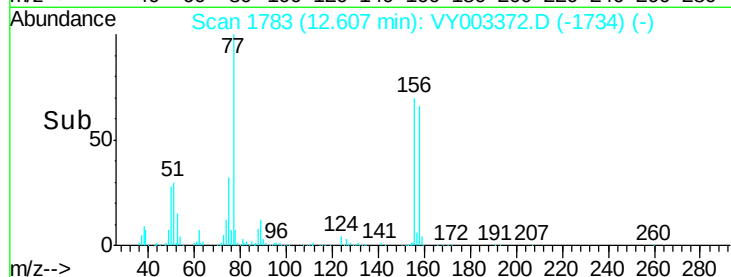
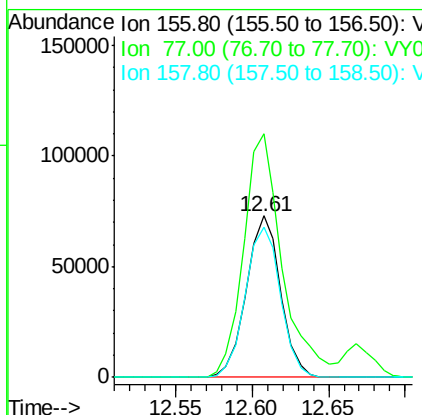
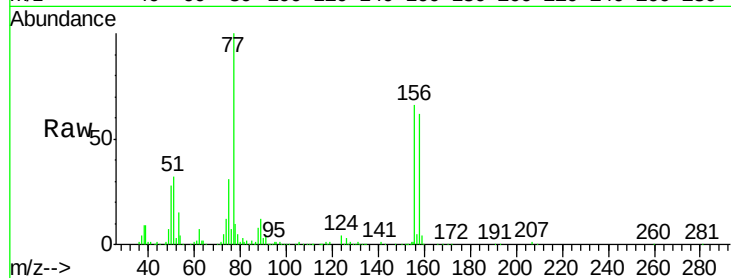
ClientSampleId :

VY0728SBS01

Tgt Ion:	156	Resp:	112960
Ion Ratio	Lower	Upper	
156	100		
77	170.4	86.6	259.7
158	95.9	49.4	148.0

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:23 PM



#78

n-propylbenzene

Concen: 21.309 ug/l

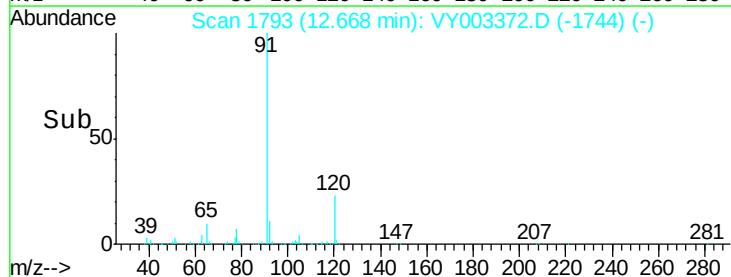
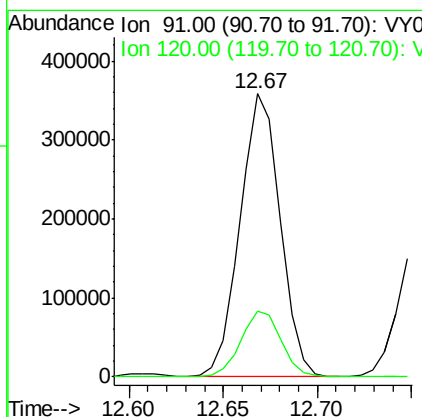
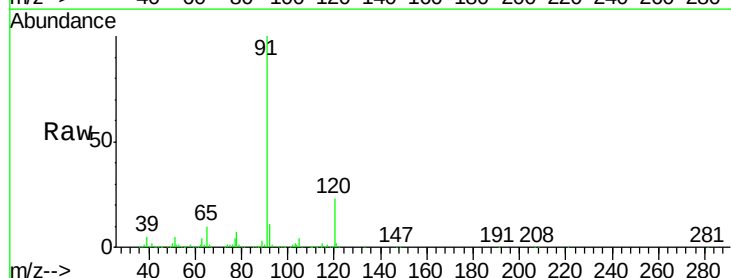
RT: 12.67 min Scan# 1793

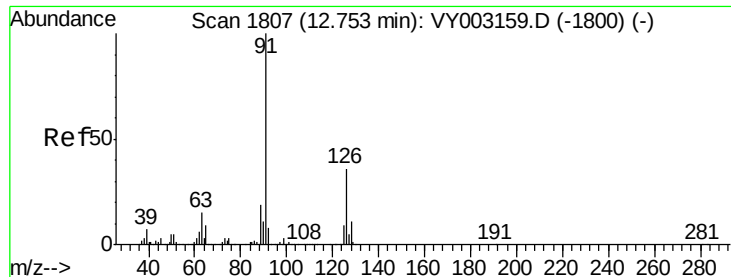
Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion:	91	Resp:	528606
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.1





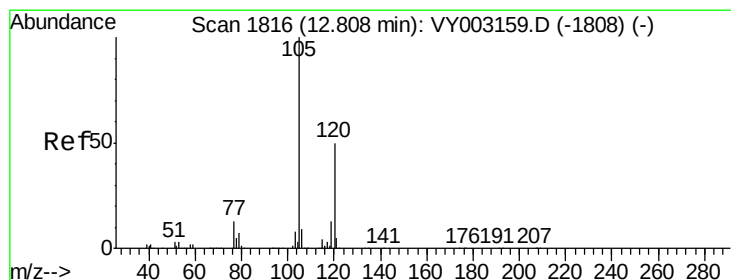
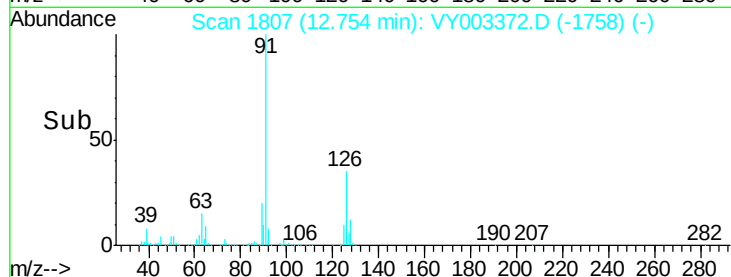
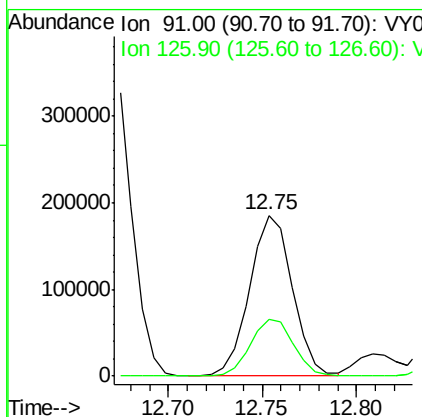
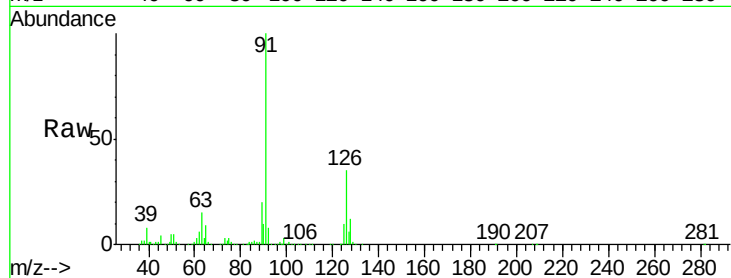
#79
2-Chlorotoluene
Concen: 21.054 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 91 Resp: 291396
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.9

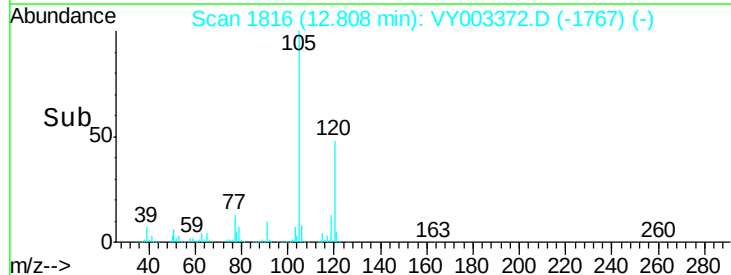
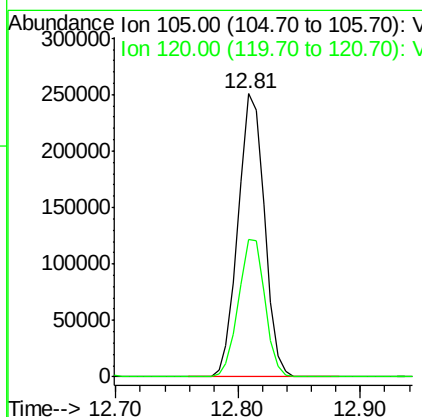
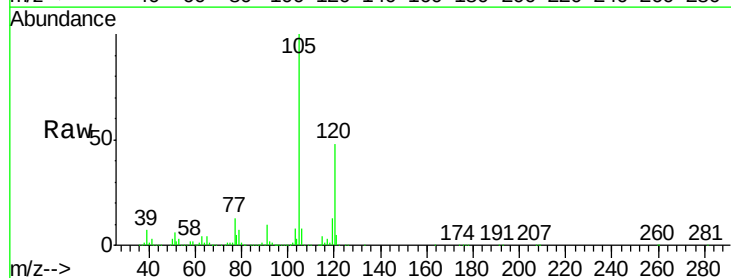
Manual Integrations
APPROVED

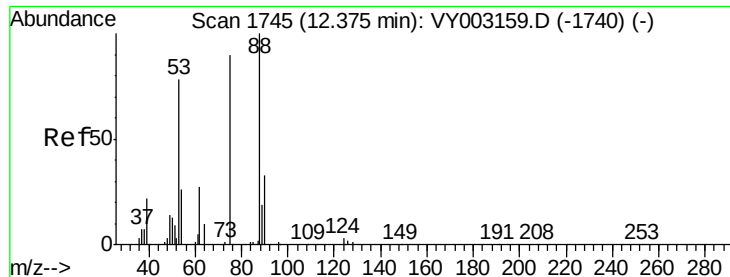
MMDadoda
7/29/2020 7:07:23 PM



#80
1,3,5-Trimethylbenzene
Concen: 21.261 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 105 Resp: 372916
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.593 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

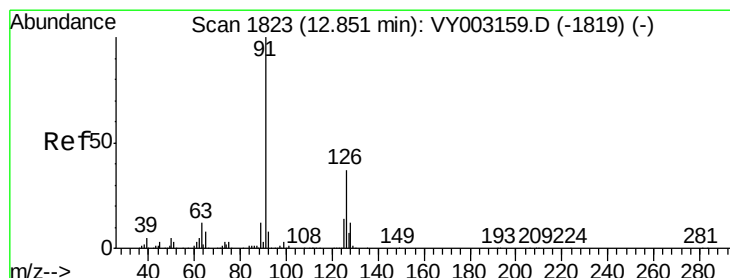
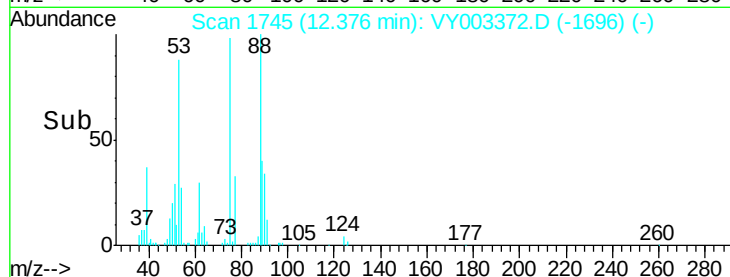
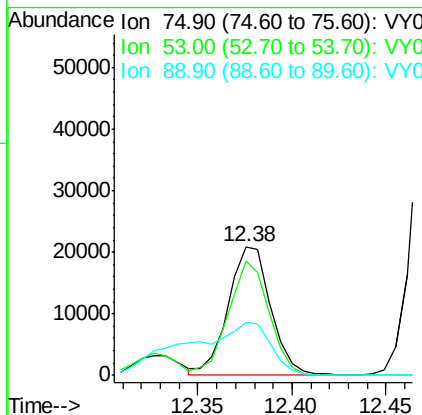
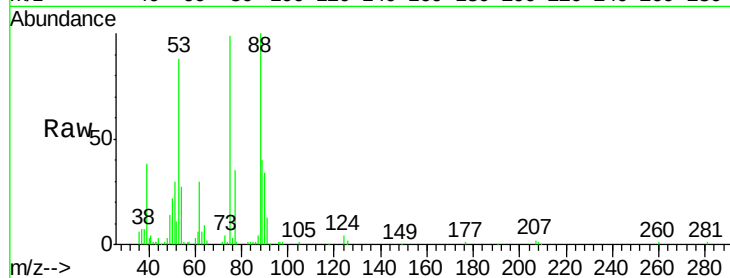
ClientSampleId :

VY0728SBS01

Tgt Ion:	75	Resp:	32432
Ion Ratio	Lower	Upper	
75	100		
53	85.4	72.0	108.0
89	82.0	37.3	55.9#

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:23 PM



#82

4-Chlorotoluene

Concen: 21.293 ug/l

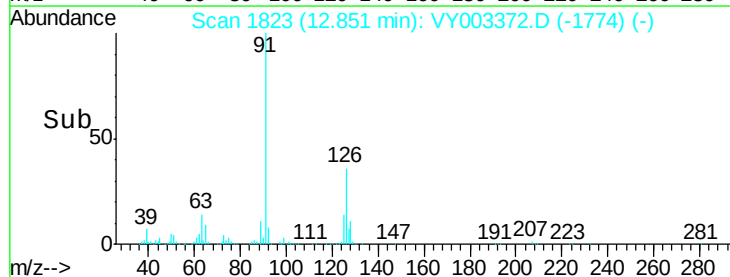
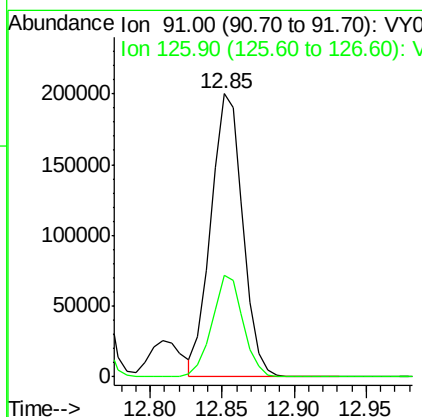
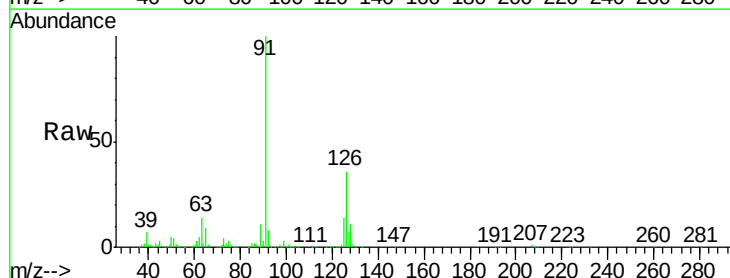
RT: 12.85 min Scan# 1823

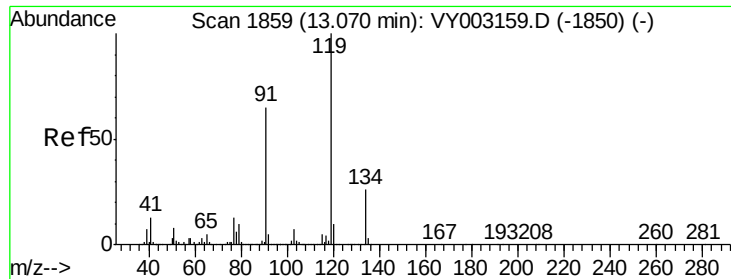
Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion:	91	Resp:	307599
Ion Ratio	Lower	Upper	
91	100		
126	35.1	17.9	53.7





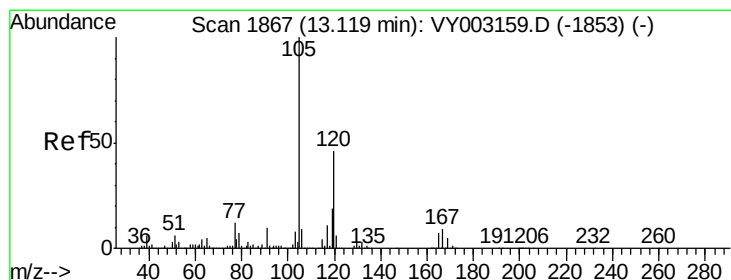
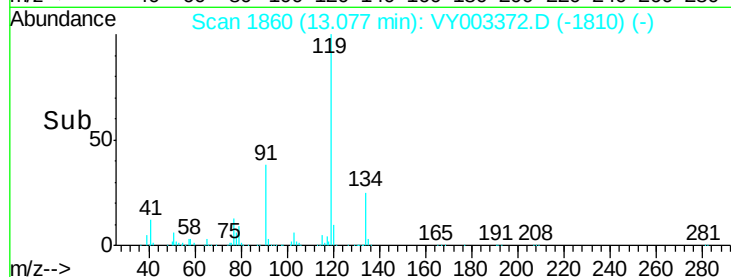
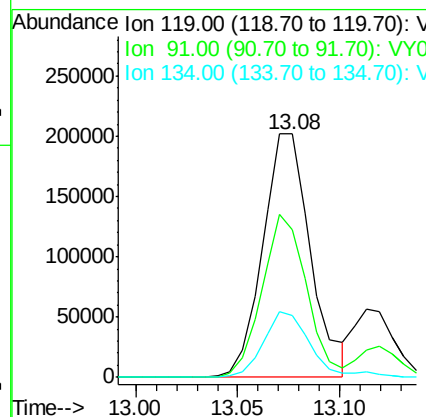
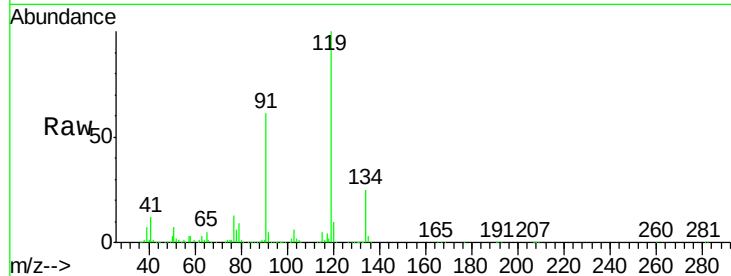
#83
 tert-Butylbenzene
 Concen: 21.326 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	330052		
91	62.1	30.8	92.4	
134	26.8	13.2	39.6	

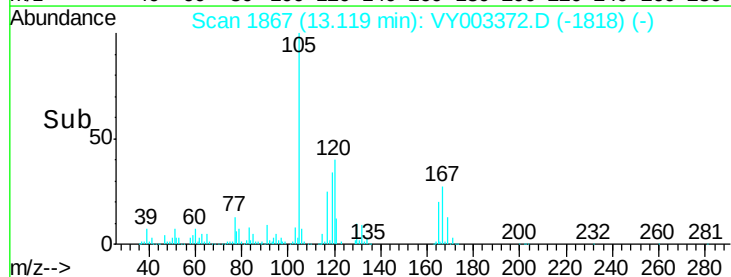
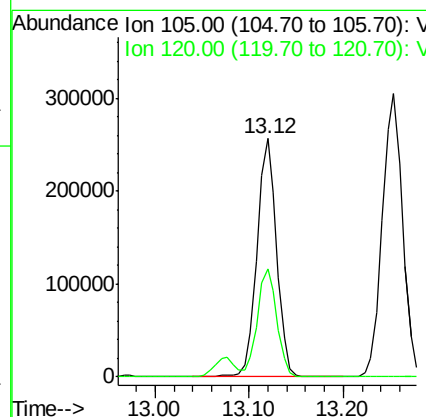
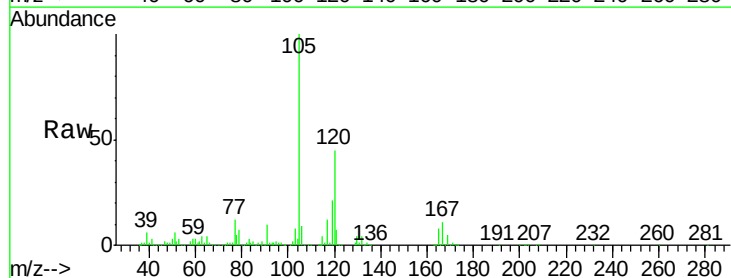
Manual Integrations
 APPROVED

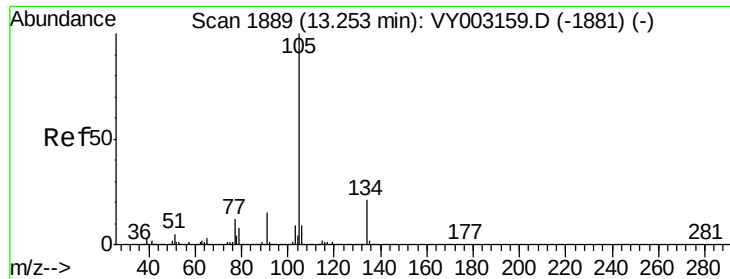
MMDadoda
 7/29/2020 7:07:23 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.311 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	376094		
120	45.6	22.5	67.5	





#85

sec-Butylbenzene

Concen: 21.325 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion:105 Resp: 453622

Ion Ratio Lower Upper

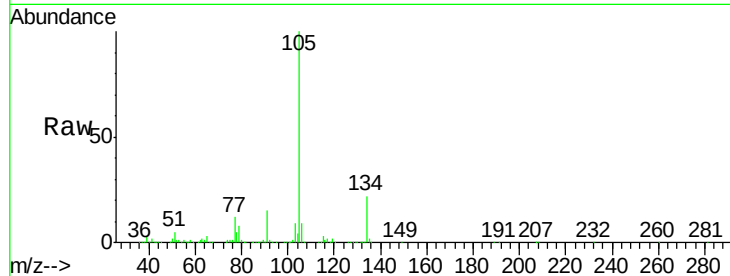
105 100

134 20.9 10.4 31.4

Manual Integrations
APPROVED

MMDadoda

7/29/2020 7:07:23 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

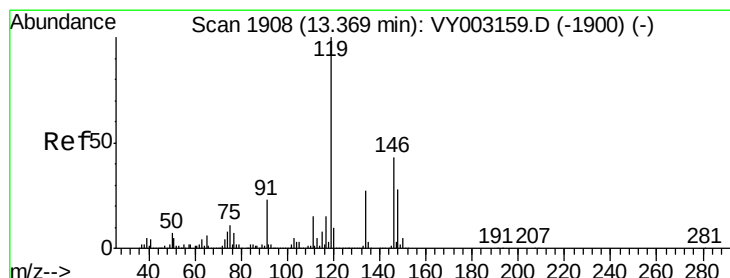
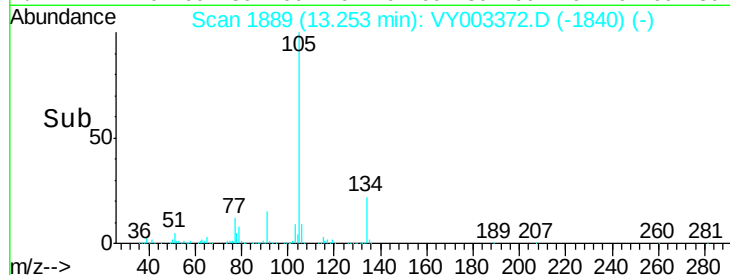
200000

100000

0

13.15 13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.296 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

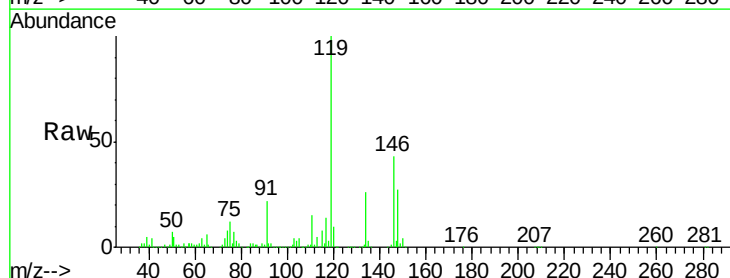
Tgt Ion:119 Resp: 422967

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 22.1 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

400000

300000

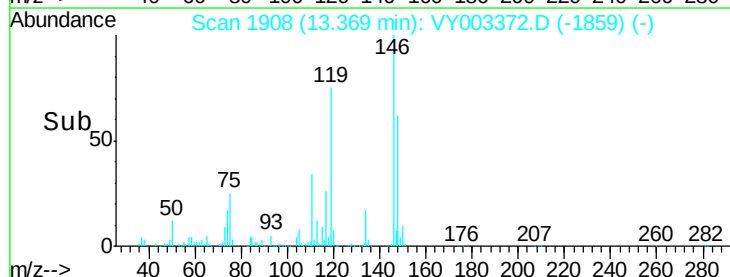
200000

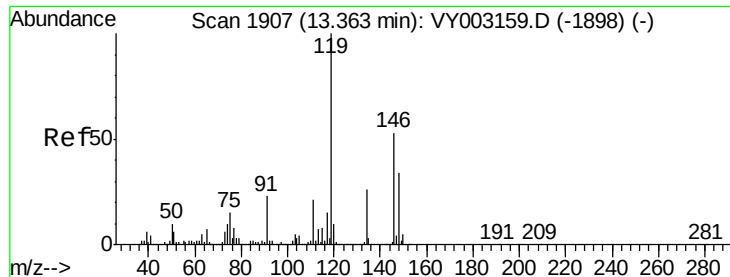
100000

0

13.30 13.35 13.40

Time-->





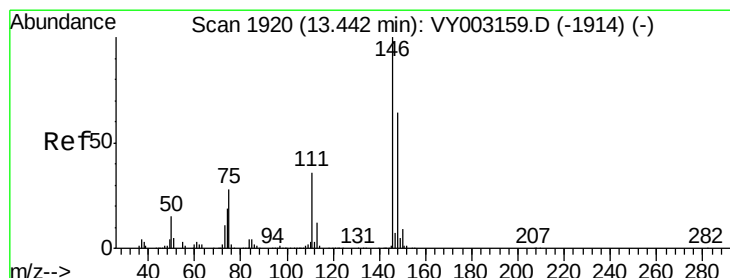
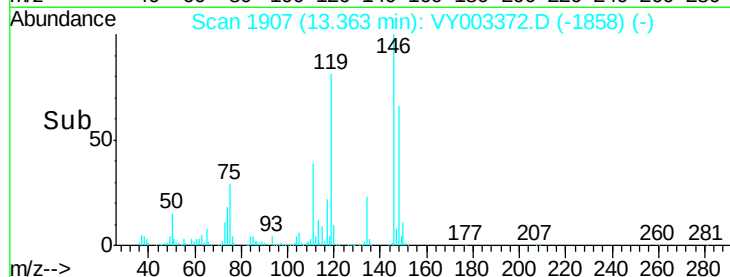
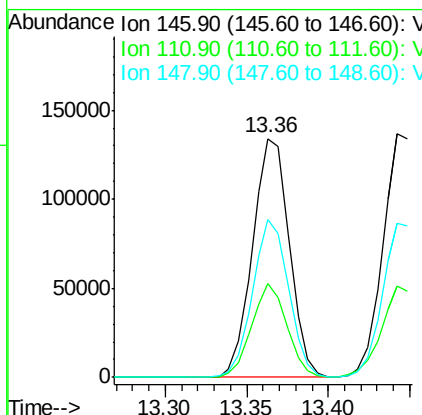
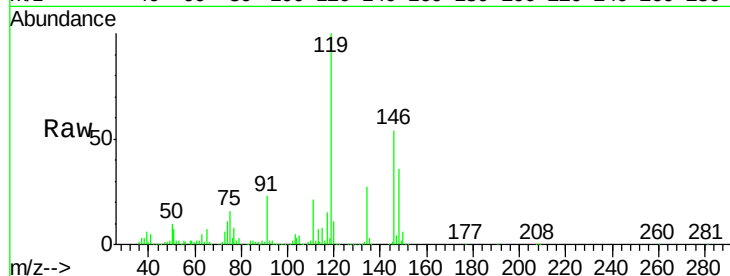
#87
 1,3-Dichlorobenzene
 Concen: 20.768 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	210676		
111	37.5	18.8	56.3	
148	64.7	32.3	96.9	

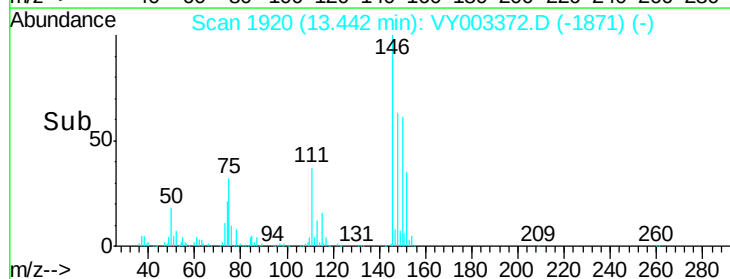
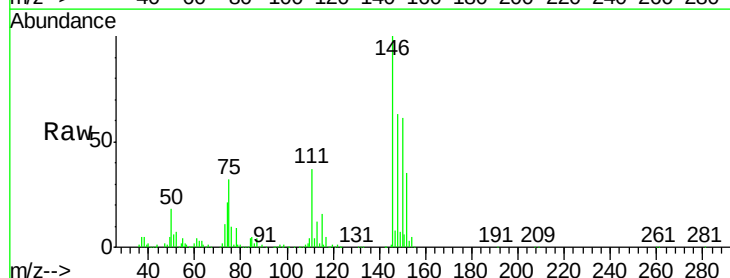
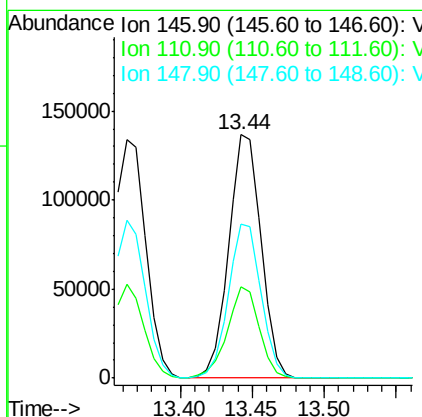
Manual Integrations
 APPROVED

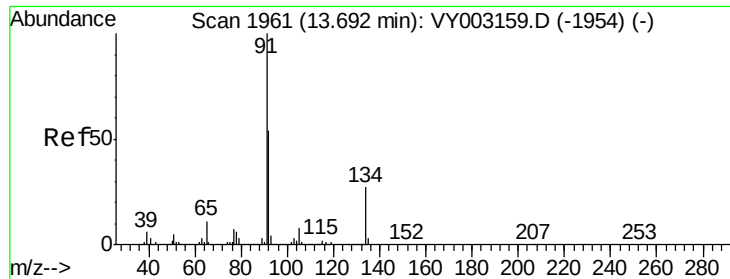
MMDadoda
 7/29/2020 7:07:23 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.400 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	214928		
111	37.2	18.4	55.0	
148	63.8	32.0	96.0	





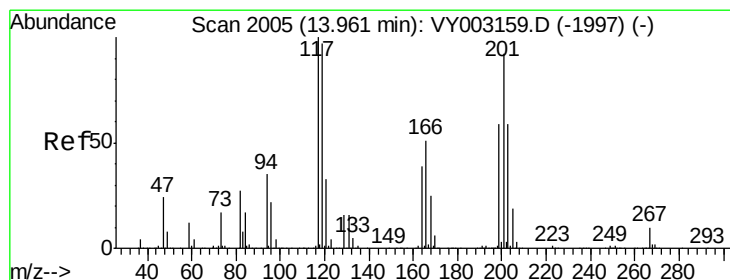
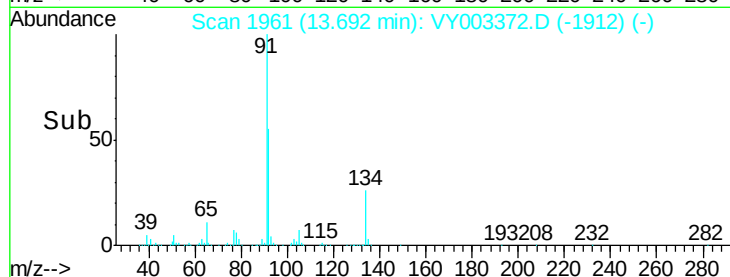
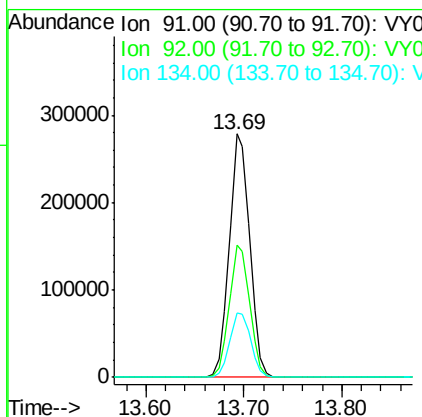
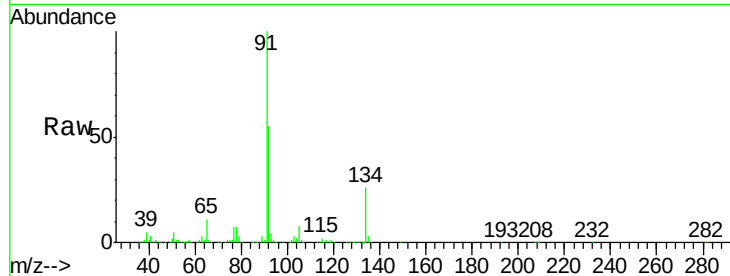
#89
n-Butylbenzene
Concen: 21.535 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.7
134	27.3	13.6	40.7

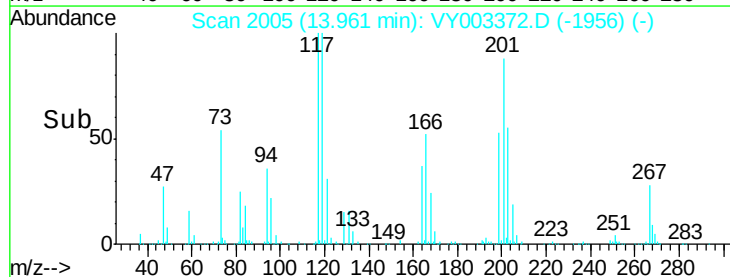
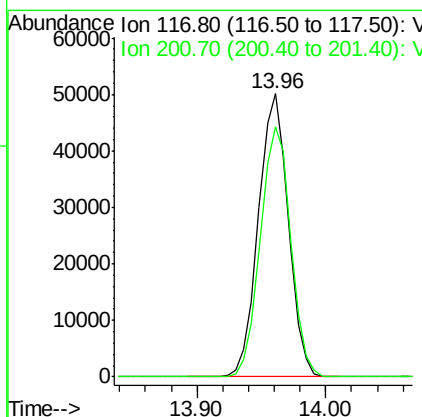
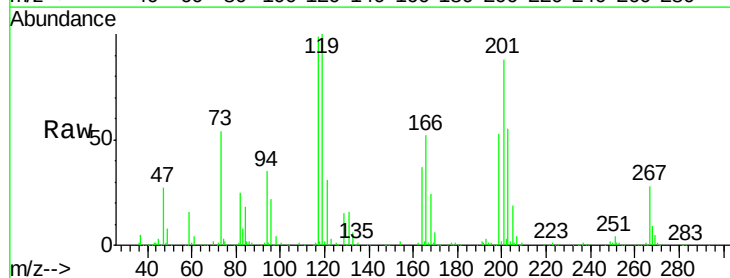
Manual Integrations
APPROVED

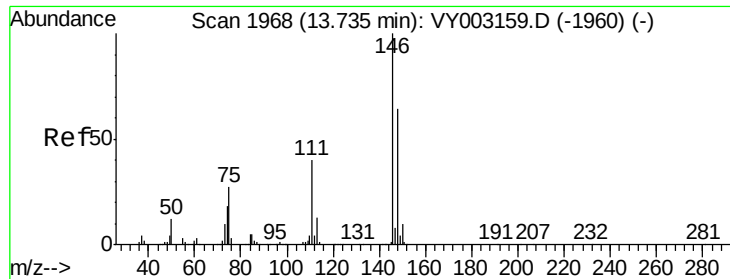
MMDadoda
7/29/2020 7:07:23 PM



#90
Hexachloroethane
Concen: 22.183 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.8	45.1	135.3





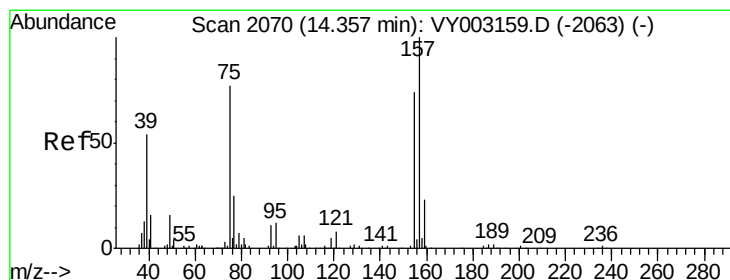
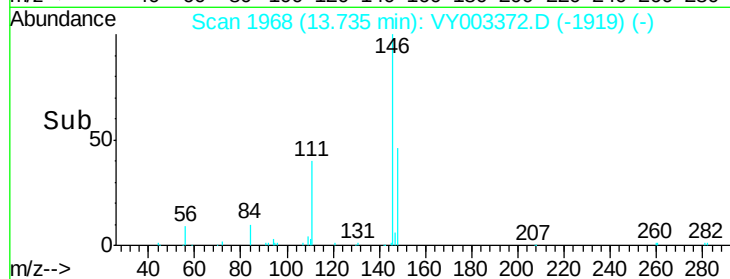
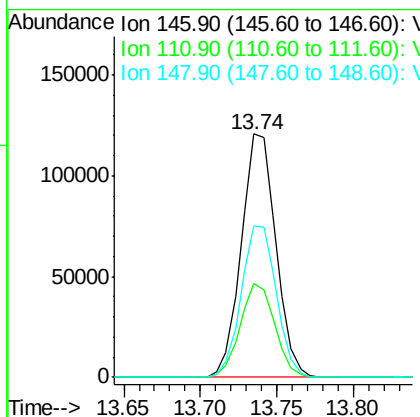
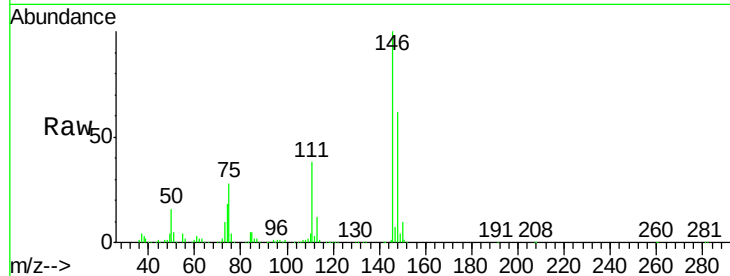
#91
 1,2-Dichlorobenzene
 Concen: 21.254 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189217		
111	38.5	19.6	58.8	
148	63.3	32.4	97.0	

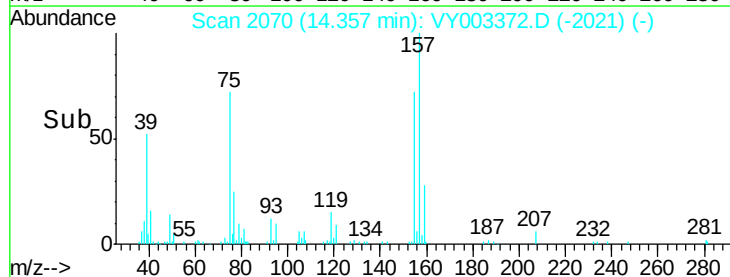
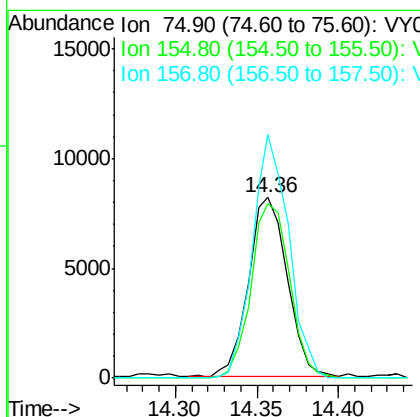
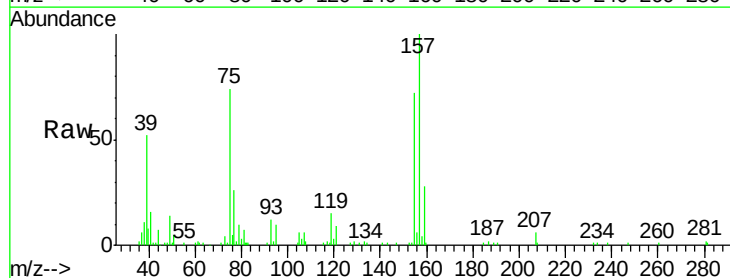
Manual Integrations
 APPROVED

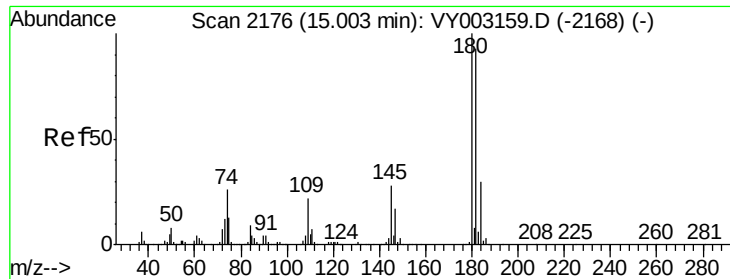
MMDadoda
 7/29/2020 7:07:23 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.267 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13355		
155	97.7	48.1	144.3	
157	128.2	61.9	185.6	





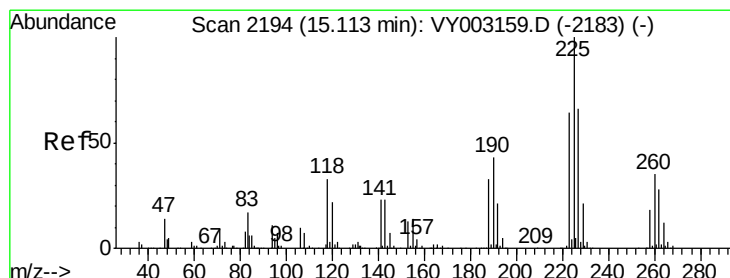
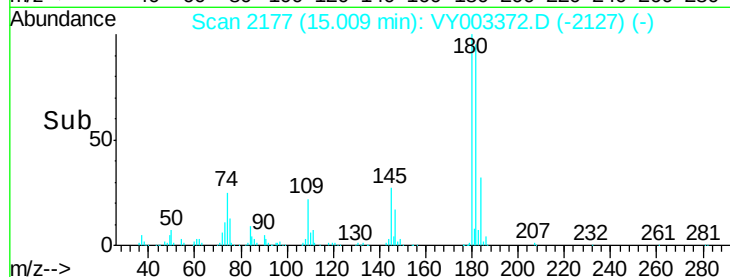
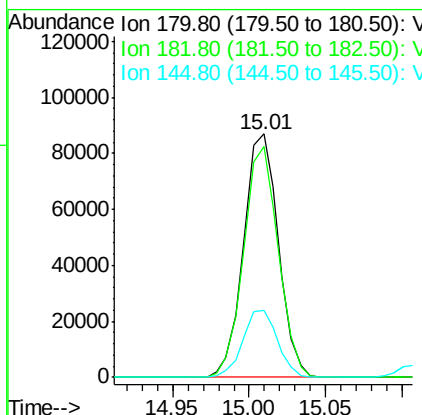
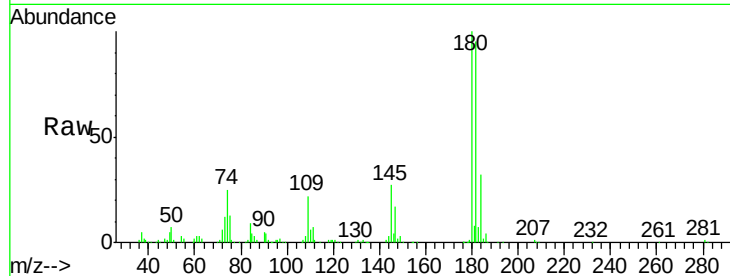
#93
 1,2,4-Trichlorobenzene
 Concen: 21.699 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137427		
182	94.4	47.3	142.0	
145	27.6	13.7	41.1	

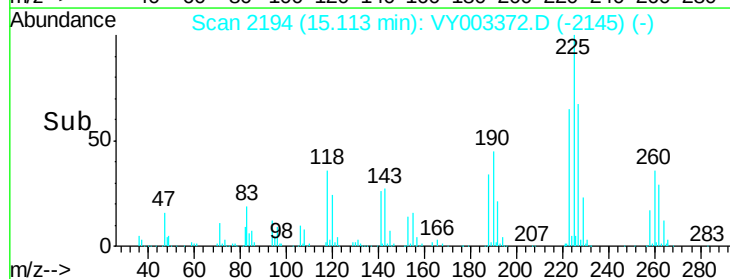
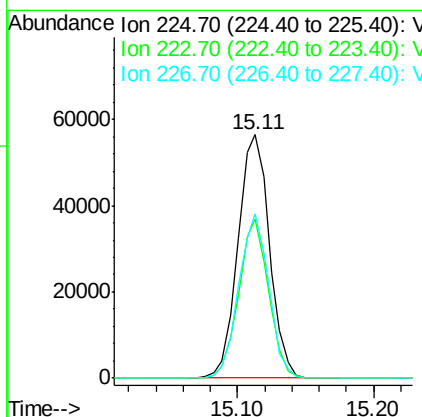
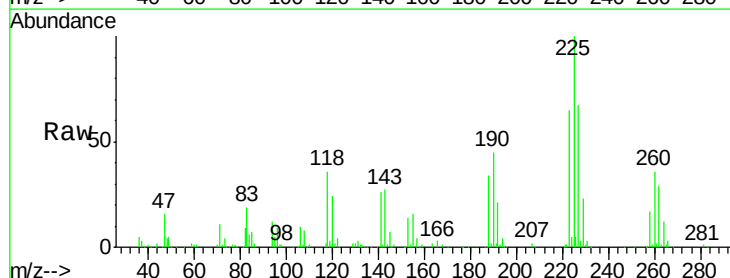
Manual Integrations
 APPROVED

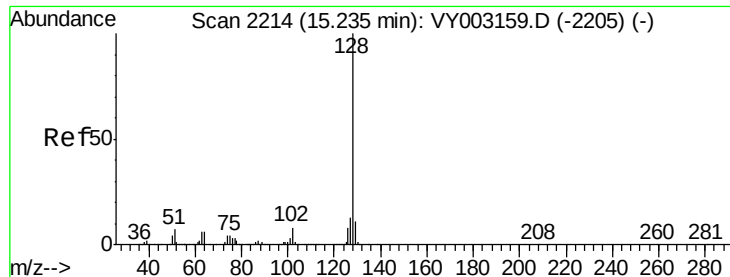
MMDadoda
 7/29/2020 7:07:23 PM



#94
 Hexachlorobutadiene
 Concen: 20.910 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90740		
223	62.2	31.6	94.7	
227	64.3	32.3	96.8	





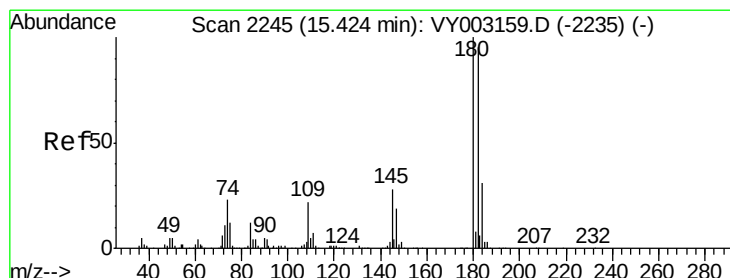
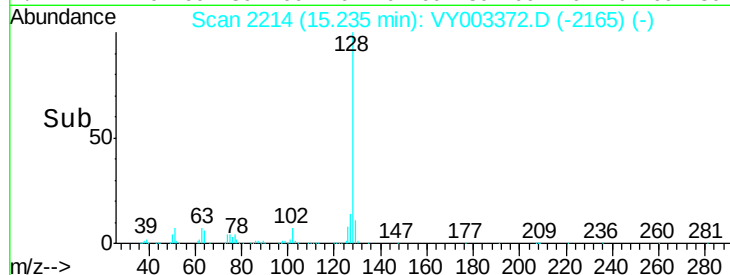
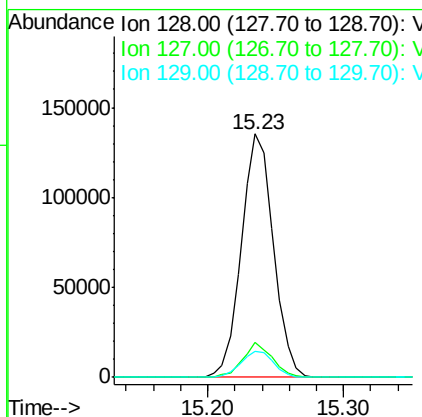
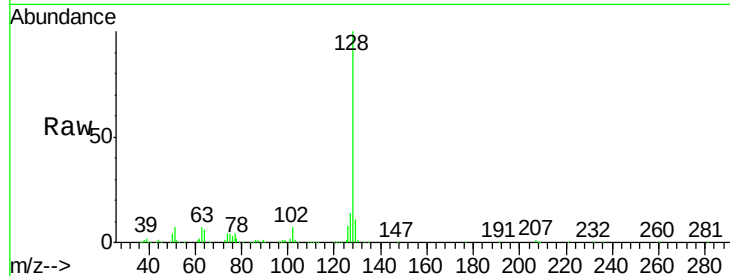
#95
Naphthalene
Concen: 21.187 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	221754		
127	13.3	10.9	16.3	
129	11.0	9.0	13.6	

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.127 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110775		
182	93.7	48.8	146.3	
145	28.9	14.9	44.5	

