

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002155.D
 Acq On : 01 Apr 2020 12:21
 Operator : SY/MD
 Sample : VY0401SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2020 10:13:02 AM

Quant Time: Apr 02 06:41:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	156653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	287989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	258120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	118812	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	81831	47.25	ug/l	-0.01
Spiked Amount						
						Recovery = 94.50%
35) Dibromofluoromethane	7.73	113	76081	47.15	ug/l	0.00
Spiked Amount						
						Recovery = 94.30%
50) Toluene-d8	10.19	98	319815	47.71	ug/l	0.00
Spiked Amount						
						Recovery = 95.42%
62) 4-Bromofluorobenzene	12.49	95	109610	46.75	ug/l	0.00
Spiked Amount						
						Recovery = 93.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	30955	27.260	ug/l	99
3) Chloromethane	2.12	50	40096	21.902	ug/l	99
4) Vinyl Chloride	2.26	62	40315	21.653	ug/l	98
5) Bromomethane	2.65	94	26824	22.076	ug/l	99
6) Chloroethane	2.80	64	25831	21.606	ug/l	97
7) Trichlorofluoromethane	3.13	101	55233	21.648	ug/l	100
8) Diethyl Ether	3.54	74	21412	19.814	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	35220	21.040	ug/l	98
10) Methyl Iodide	4.10	142	38462	19.323	ug/l	99
11) Tert butyl alcohol	4.96	59	24409	119.607	ug/l #	74
12) 1,1-Dichloroethene	3.88	96	35645	20.970	ug/l	97
13) Acrolein	3.74	56	21694	85.053	ug/l	98
14) Allyl chloride	4.49	41	62726	20.158	ug/l	98
15) Acrylonitrile	5.19	53	55189	97.434	ug/l	99
16) Acetone	3.96	43	45249	93.003	ug/l	99
17) Carbon Disulfide	4.21	76	117768	20.877	ug/l	98
18) Methyl Acetate	4.49	43	24574	19.451	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	94931	20.020	ug/l	95
20) Methylene Chloride	4.72	84	42889	18.015	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	39883	20.607	ug/l	94
22) Diisopropyl ether	6.13	45	130191	20.444	ug/l	100
23) Vinyl Acetate	6.08	43	416836	99.820	ug/l	99
24) 1,1-Dichloroethane	6.03	63	69540	20.538	ug/l	97
25) 2-Butanone	7.00	43	71198	95.302	ug/l	100
26) 2,2-Dichloropropane	6.99	77	58198	20.870	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	44797	21.039	ug/l	98
28) Bromochloromethane	7.35	49	29956	19.379	ug/l	100
29) Tetrahydrofuran	7.36	42	46843	95.635	ug/l	99
30) Chloroform	7.52	83	64846	20.205	ug/l	99
31) Cyclohexane	7.79	56	73916	20.487	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	55197	20.599	ug/l	99
36) 1,1-Dichloropropene	7.93	75	55262	20.287	ug/l	100
37) Ethyl Acetate	7.09	43	31792	19.313	ug/l	100
38) Carbon Tetrachloride	7.91	117	46846	20.270	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002155.D
 Acq On : 01 Apr 2020 12:21
 Operator : SY/MD
 Sample : VY0401SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2020 10:13:02 AM

Quant Time: Apr 02 06:41:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	72645	20.331	ug/l	97
40) Benzene	8.17	78	164257	20.357	ug/l	100
41) Methacrylonitrile	7.32	41	15917m	19.116	ug/l	
42) 1,2-Dichloroethane	8.25	62	42200	19.700	ug/l	98
43) Isopropyl Acetate	8.28	43	58185	19.044	ug/l	100
44) Trichloroethene	8.94	130	40108	20.621	ug/l	92
45) 1,2-Dichloropropane	9.22	63	42089	20.486	ug/l	98
46) Dibromomethane	9.32	93	20992	19.896	ug/l	99
47) Bromodichloromethane	9.50	83	49767	20.262	ug/l	99
48) Methyl methacrylate	9.30	41	27018	19.733	ug/l	95
49) 1,4-Dioxane	9.30	88	5364	370.480	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	155696	98.967	ug/l	100
52) Toluene	10.25	92	99144	20.315	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	53558	19.646	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	63567	19.804	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	30617	19.606	ug/l	95
56) Ethyl methacrylate	10.52	69	43579	19.107	ug/l	99
57) 1,3-Dichloropropane	10.80	76	54573	19.780	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	115738	98.754	ug/l	100
59) 2-Hexanone	10.84	43	102540	92.529	ug/l	98
60) Dibromochloromethane	10.99	129	32299	19.766	ug/l	100
61) 1,2-Dibromoethane	11.10	107	28479	19.485	ug/l	98
64) Tetrachloroethene	10.72	164	32265	20.431	ug/l	97
65) Chlorobenzene	11.52	112	102513	20.575	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	33843	20.303	ug/l	100
67) Ethyl Benzene	11.60	91	189913	20.522	ug/l	98
68) m/p-Xylenes	11.70	106	142734	41.717	ug/l	97
69) o-Xylene	12.03	106	66012	20.338	ug/l	100
70) Styrene	12.05	104	113236	20.134	ug/l	99
71) Bromoform	12.21	173	17491	19.158	ug/l #	99
73) Isopropylbenzene	12.33	105	176853	20.066	ug/l	99
74) N-amyl acetate	12.15	43	52417	18.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	38156	20.119	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	25295m	19.033	ug/l	
77) Bromobenzene	12.61	156	38240	20.325	ug/l	99
78) n-propylbenzene	12.67	91	223442	20.429	ug/l	100
79) 2-Chlorotoluene	12.76	91	121963	20.309	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	150023	20.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	13402	19.536	ug/l	97
82) 4-Chlorotoluene	12.86	91	127883	20.209	ug/l	97
83) tert-Butylbenzene	13.08	119	127066	20.935	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	149376	20.589	ug/l	98
85) sec-Butylbenzene	13.26	105	185135	20.593	ug/l	100
86) p-Isopropyltoluene	13.38	119	160625	20.806	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	75288	20.455	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	76311	20.604	ug/l	98
89) n-Butylbenzene	13.70	91	164444	20.443	ug/l	100
90) Hexachloroethane	13.97	117	29343	20.171	ug/l	95
91) 1,2-Dichlorobenzene	13.75	146	69262	20.377	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5497	18.094	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
Data File : VY002155.D
Acq On : 01 Apr 2020 12:21
Operator : SY/MD
Sample : VY0401SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

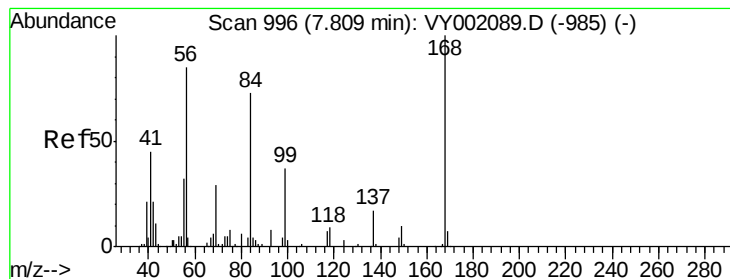
Manual Integrations
APPROVED

MMDadoda
4/2/2020 10:13:02 AM

Quant Time: Apr 02 06:41:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	44551	20.335	ug/l	97
94) Hexachlorobutadiene	15.12	225	21641	20.012	ug/l	97
95) Naphthalene	15.25	128	99523	19.126	ug/l	98
96) 1,2,3-Trichlorobenzene	15.43	180	38356	19.307	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

Tot Ion:168 Resp: 156653

Ion Ratio Lower Upper

168 100

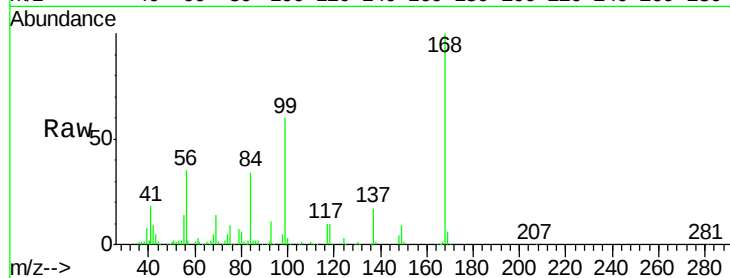
99 60.2 47.6 71.4

Manual Integrations

APPROVED

MMDadoda

4/2/2020 10:13:02 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002155.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002155.D (-947) (-)

7.80

80000

60000

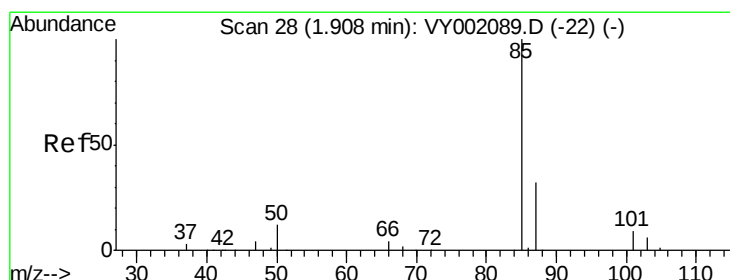
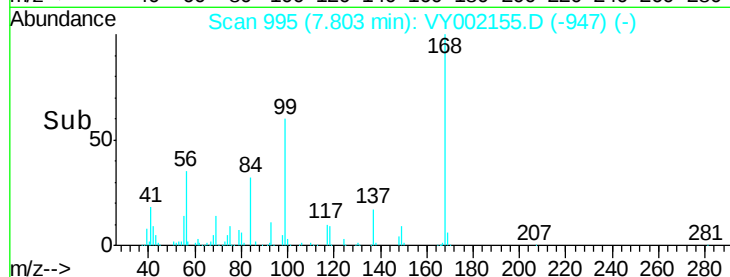
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 27.260 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002155.D

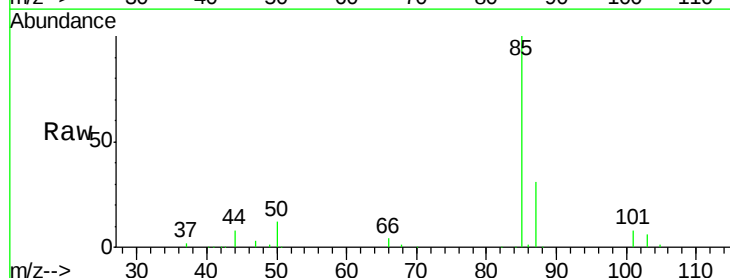
Acq: 01 Apr 2020 12:21

Tgt Ion: 85 Resp: 30955

Ion Ratio Lower Upper

85 100

87 31.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002155.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002155.D (-1) (-)

1.91

25000

20000

15000

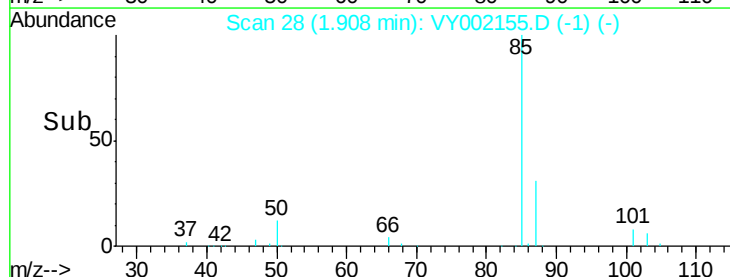
10000

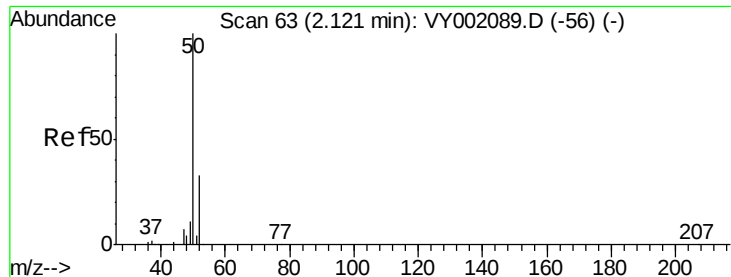
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.902 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

Tot Ion: 50 Resp: 40096

Ion Ratio Lower Upper

50 100

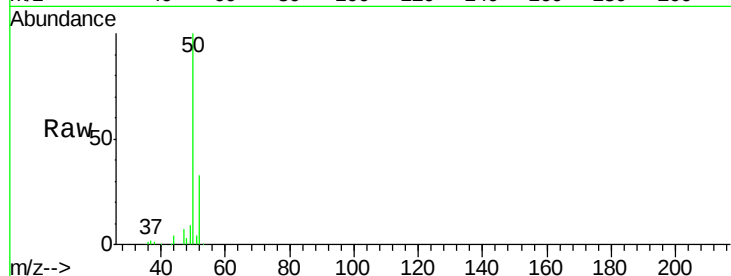
52 33.2 26.1 39.1

Manual Integrations

APPROVED

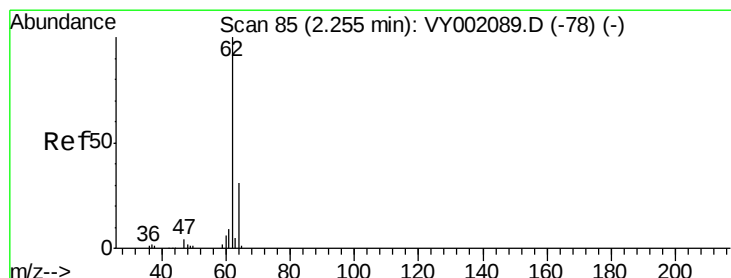
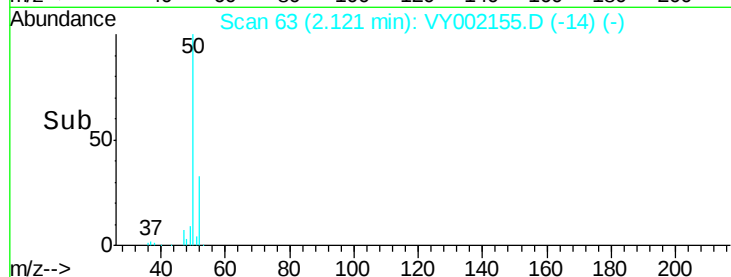
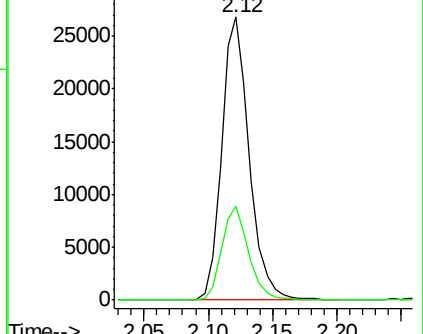
MMDadoda

4/2/2020 10:13:02 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.653 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002155.D

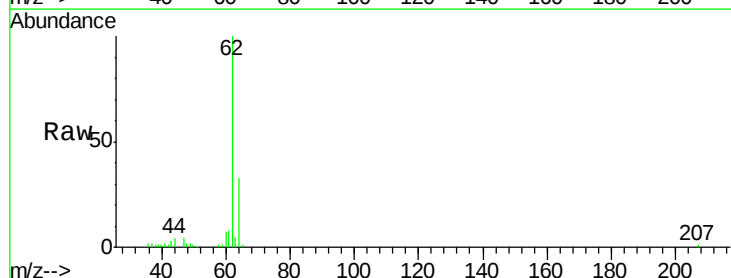
Acq: 01 Apr 2020 12:21

Tgt Ion: 62 Resp: 40315

Ion Ratio Lower Upper

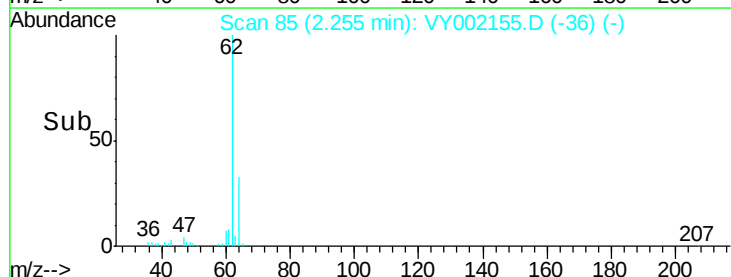
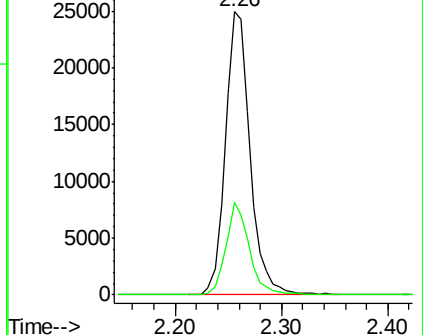
62 100

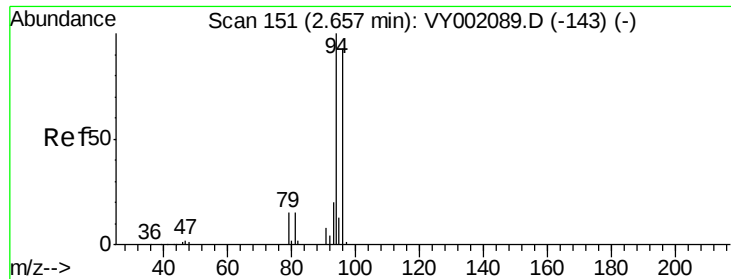
64 32.5 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.076 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

Tot Ion: 94 Resp: 26824

Ion Ratio Lower Upper

94 100

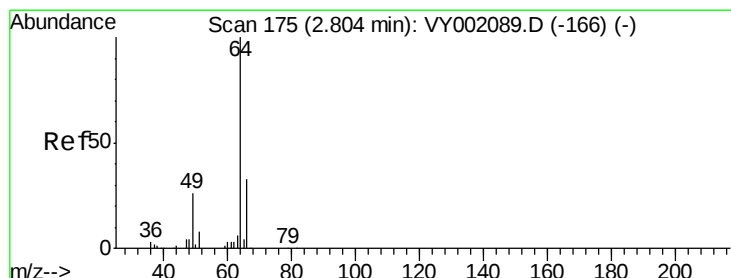
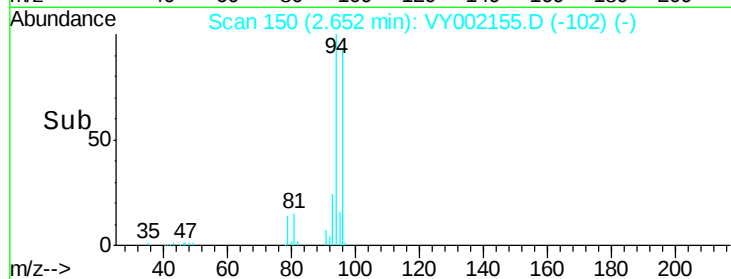
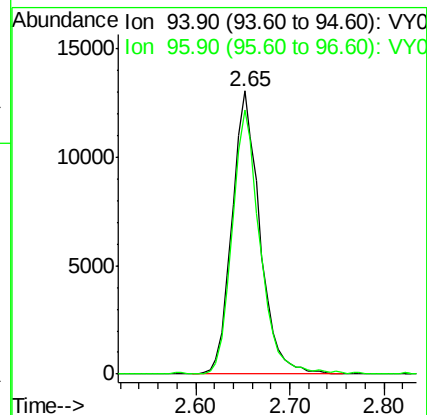
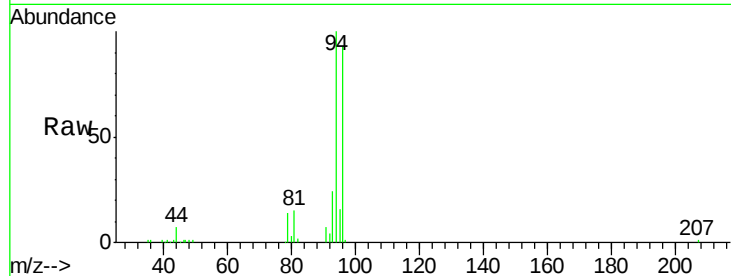
96 93.5 74.1 111.1

Manual Integrations

APPROVED

MMDadoda

4/2/2020 10:13:02 AM



#6

Chloroethane

Concen: 21.606 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002155.D

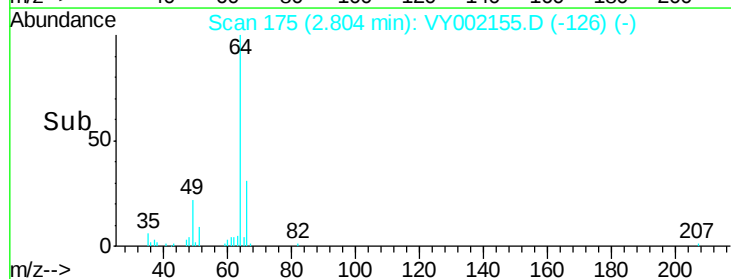
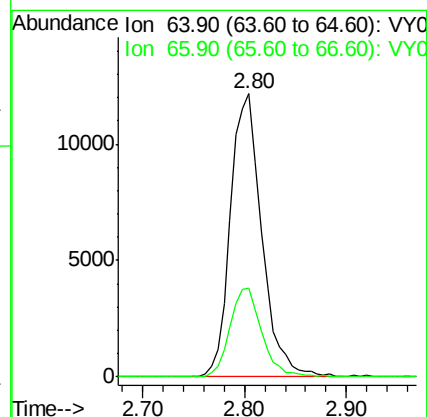
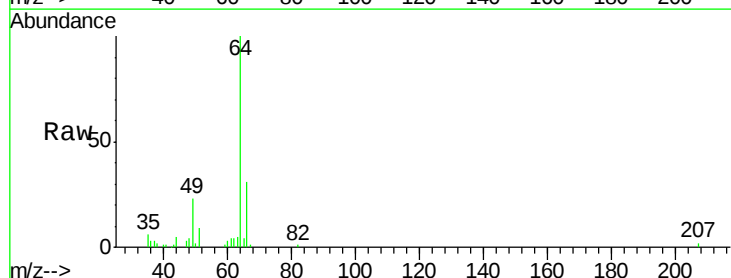
Acq: 01 Apr 2020 12:21

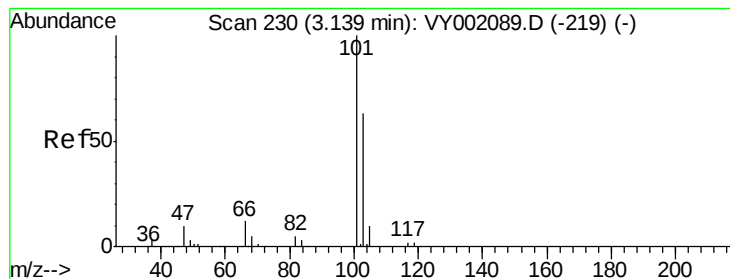
Tgt Ion: 64 Resp: 25831

Ion Ratio Lower Upper

64 100

66 31.3 26.6 39.8





#7

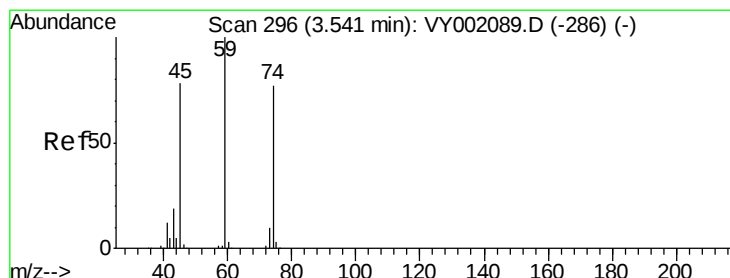
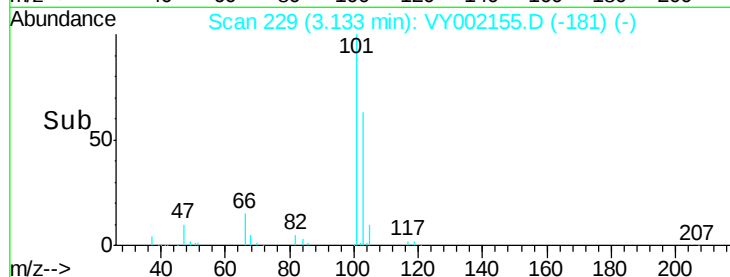
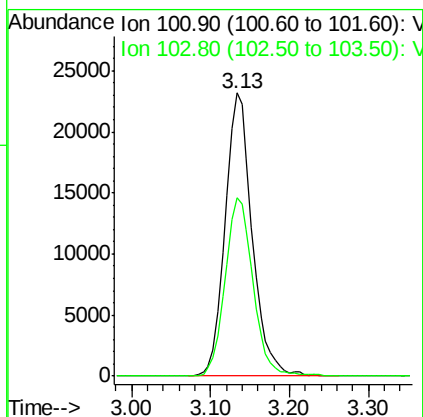
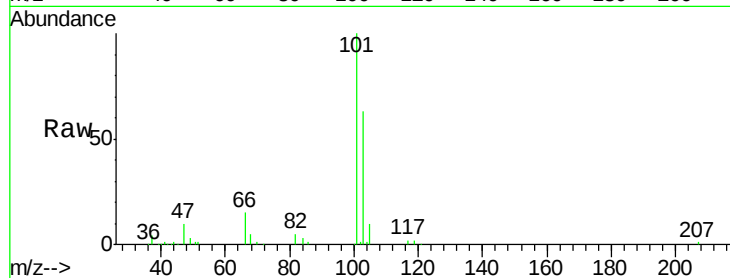
Trichlorofluoromethane
 Concen: 21.648 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	50.6	76.0

Manual Integrations
 APPROVED

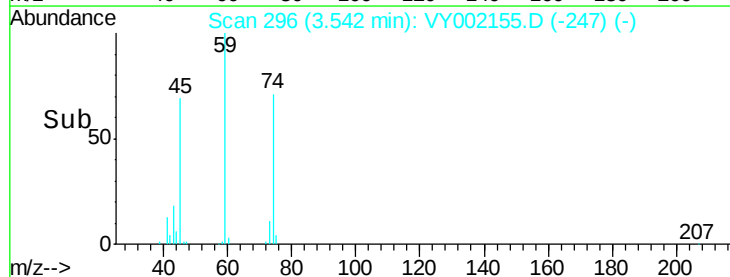
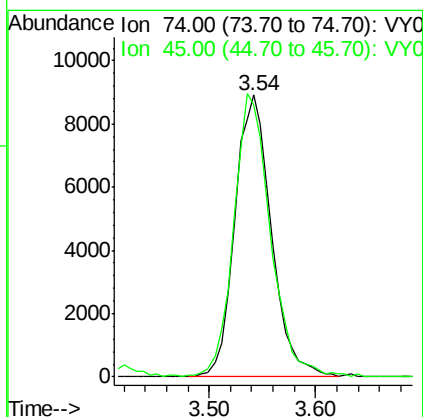
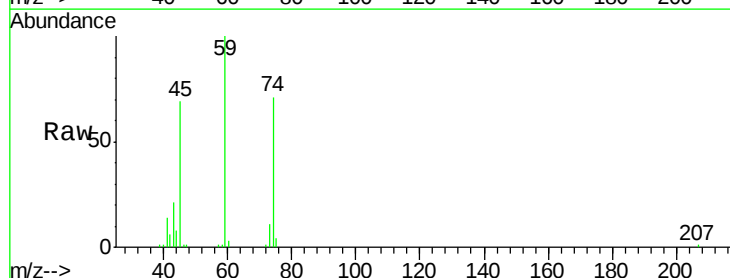
MMDadoda
 4/2/2020 10:13:02 AM

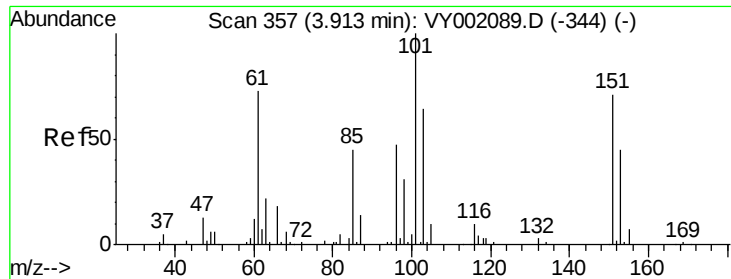


#8

Diethyl Ether
 Concen: 19.814 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.040 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

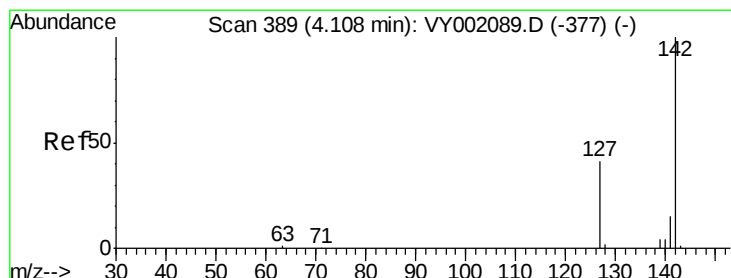
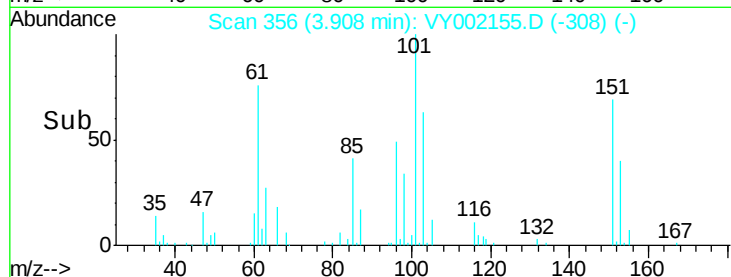
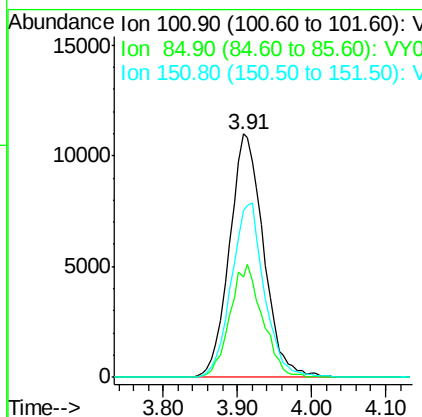
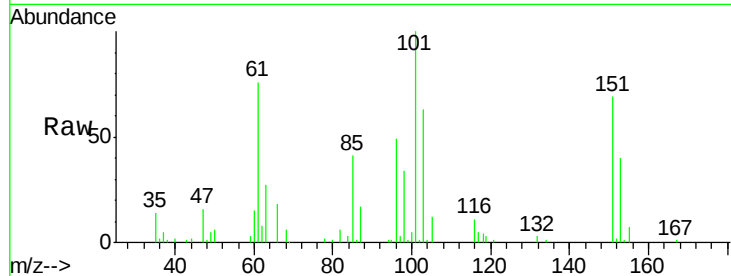
ClientSampleId :

VY0401SBSD01

Tot Ion:	101	Resp:	35220
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.9	53.9
151	69.6	57.5	86.3

Manual Integrations
APPROVED

MMDadoda
4/2/2020 10:13:02 AM



#10

Methyl Iodide

Concen: 19.323 ug/l

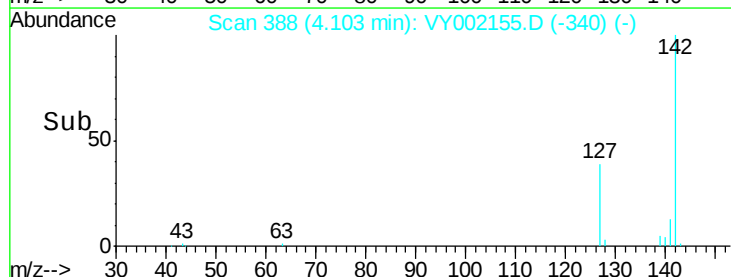
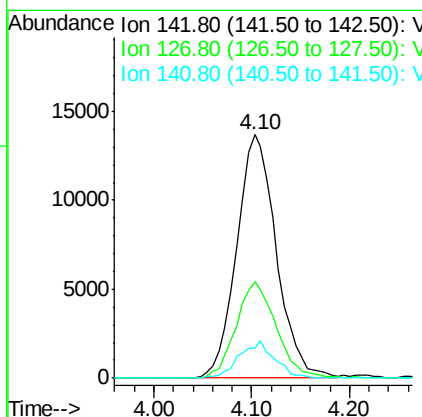
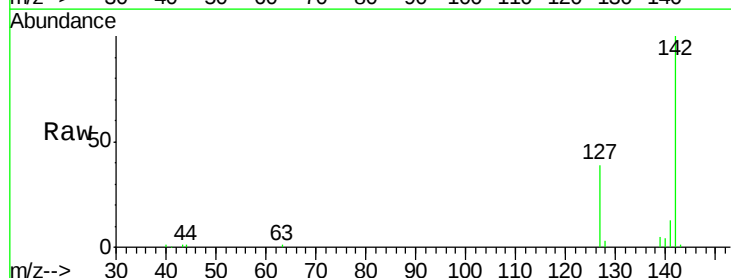
RT: 4.10 min Scan# 388

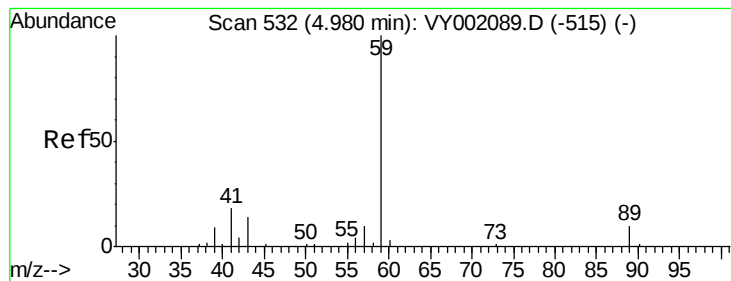
Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Tgt Ion:	142	Resp:	38462
Ion Ratio	Lower	Upper	
142	100		
127	39.9	32.6	49.0
141	13.7	11.4	17.0





#11

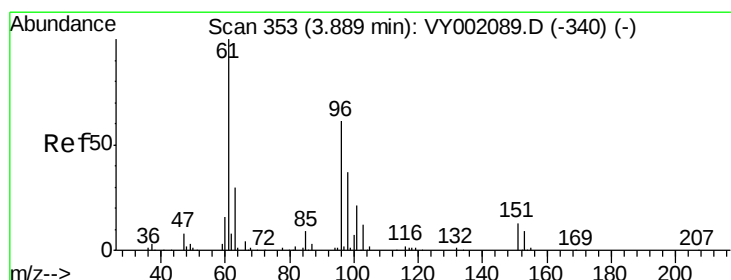
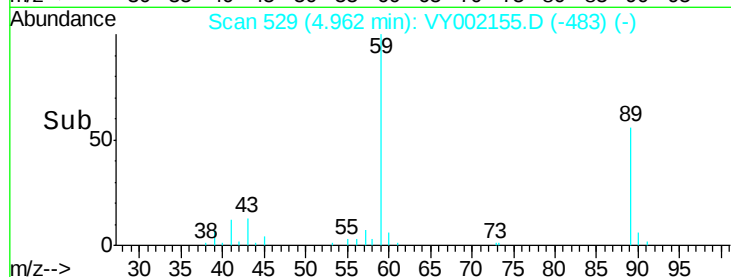
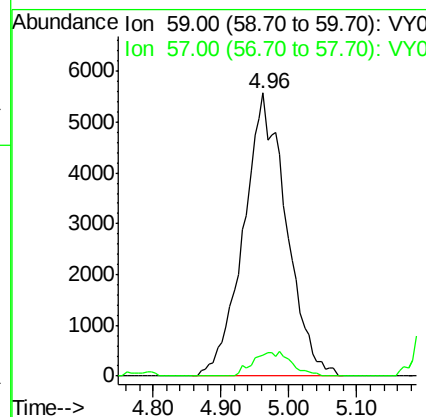
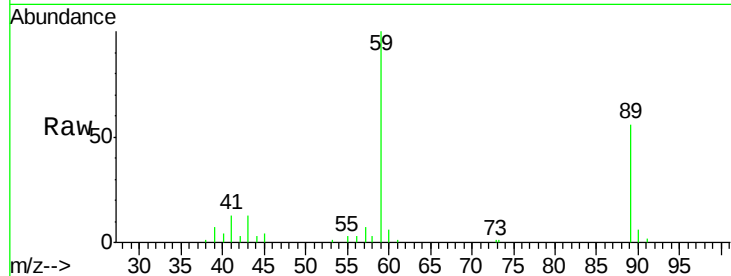
Tert butyl alcohol
 Concen: 119.607 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Tot Ion: 59 Resp: 24409
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

Manual Integrations
 APPROVED

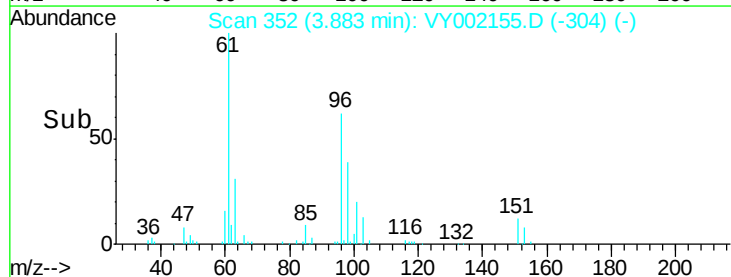
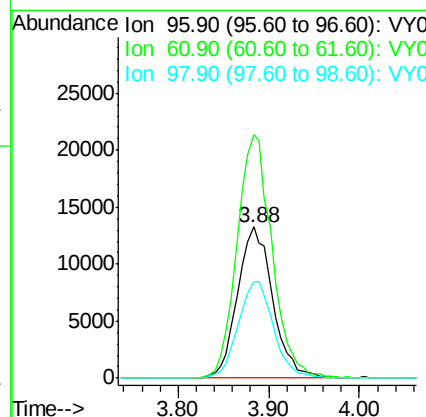
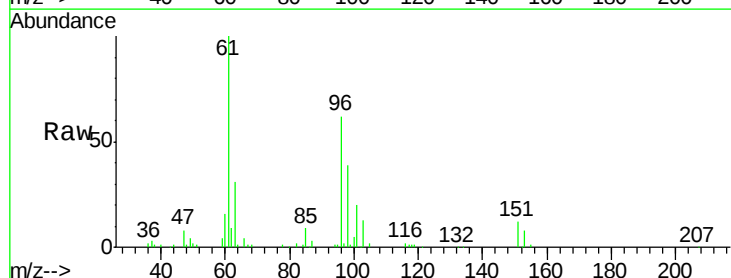
MMDadoda
 4/2/2020 10:13:02 AM

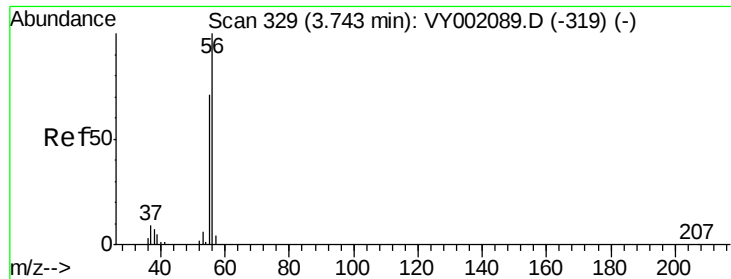


#12

1,1-Dichloroethene
 Concen: 20.970 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion: 96 Resp: 35645
 Ion Ratio Lower Upper
 96 100
 61 161.0 132.0 198.0
 98 63.4 49.4 74.0





#13

Acrolein

Concen: 85.053 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

Tot Ion: 56 Resp: 21694

Ion Ratio Lower Upper

56 100

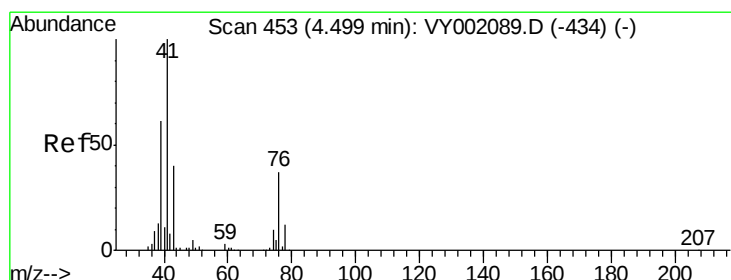
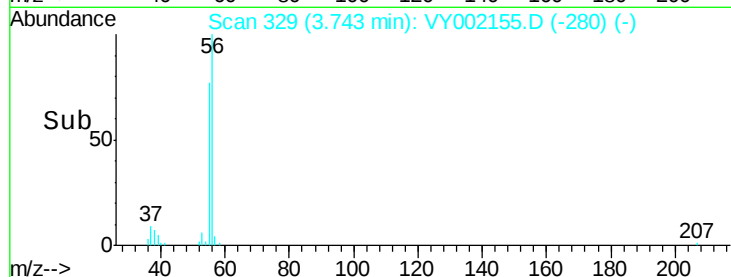
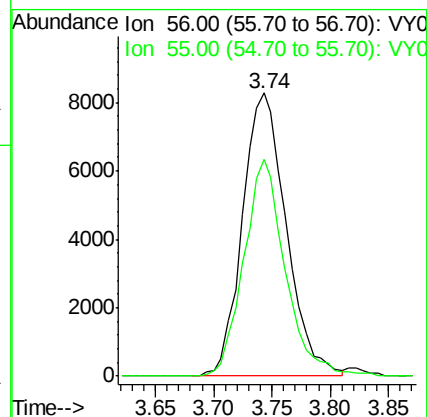
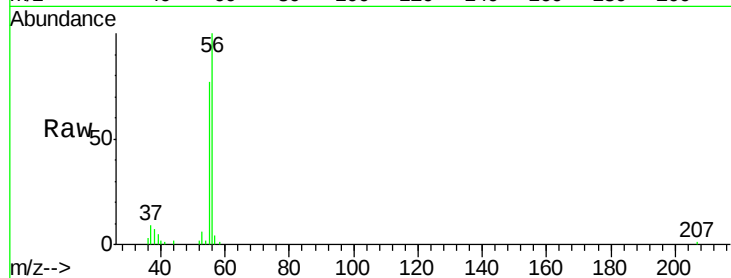
55 72.6 56.5 84.7

Manual Integrations

APPROVED

MMDadoda

4/2/2020 10:13:02 AM



#14

Allyl chloride

Concen: 20.158 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

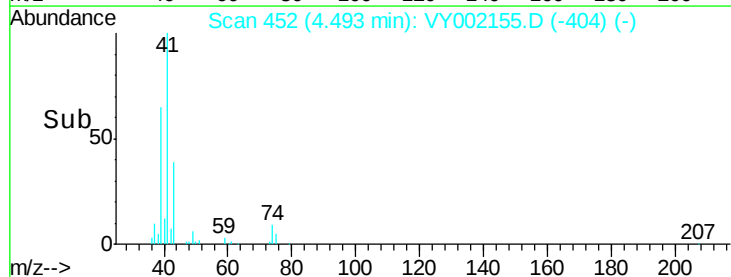
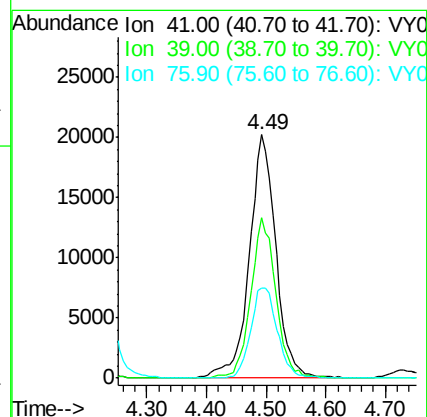
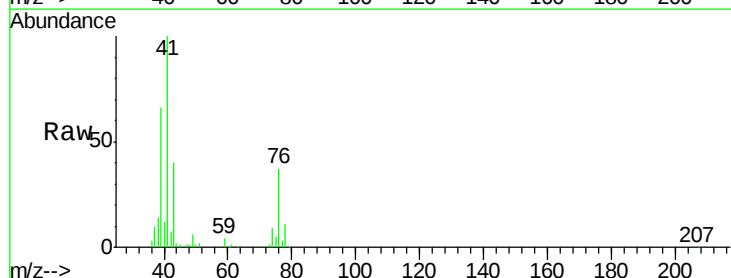
Tgt Ion: 41 Resp: 62726

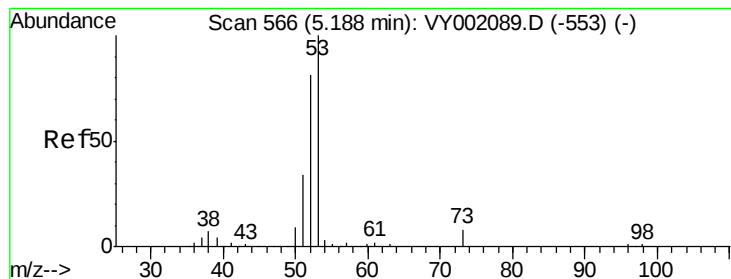
Ion Ratio Lower Upper

41 100

39 62.2 49.0 73.4

76 37.3 27.8 41.8





#15

Acrylonitrile

Concen: 97.434 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

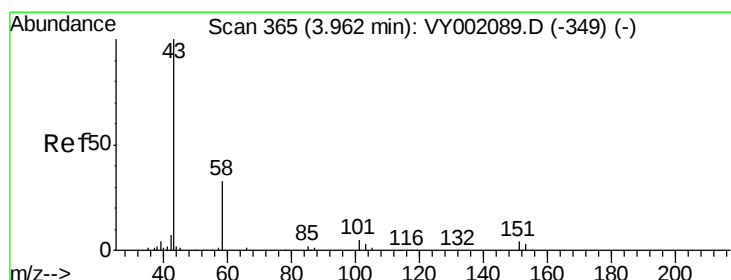
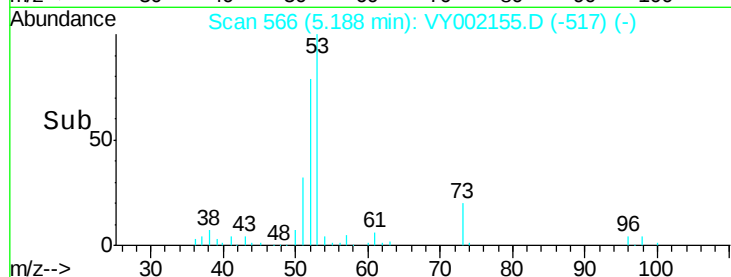
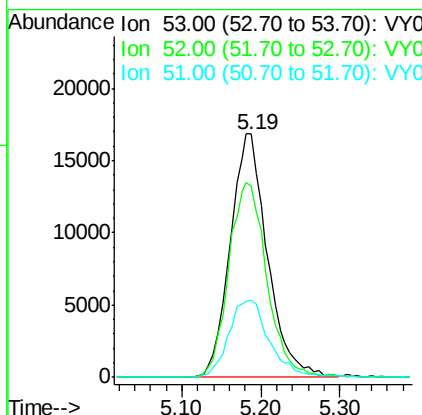
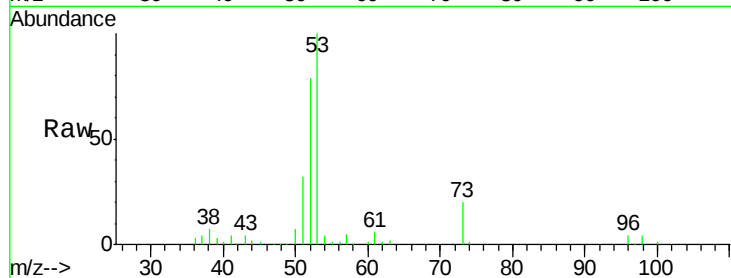
ClientSampleId :

VY0401SBS01

Tot Ion:	53	Resp:	55189
Ion	Ratio	Lower	Upper
53	100		
52	81.8	64.6	97.0
51	34.7	27.9	41.9

Manual Integrations
APPROVED

MMDadoda
4/2/2020 10:13:02 AM



#16

Acetone

Concen: 93.003 ug/l

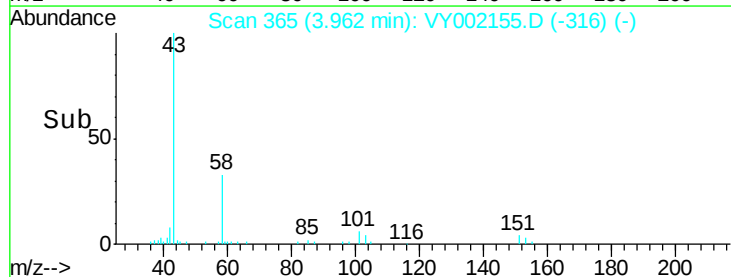
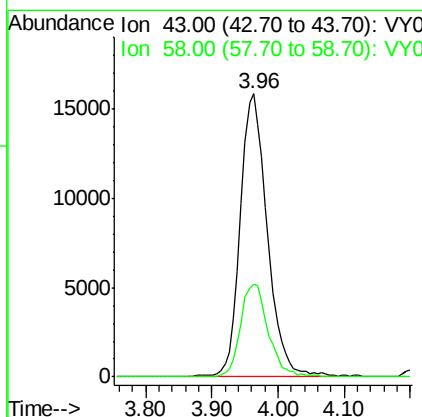
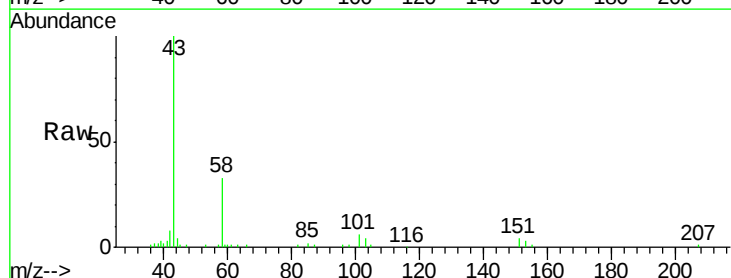
RT: 3.96 min Scan# 365

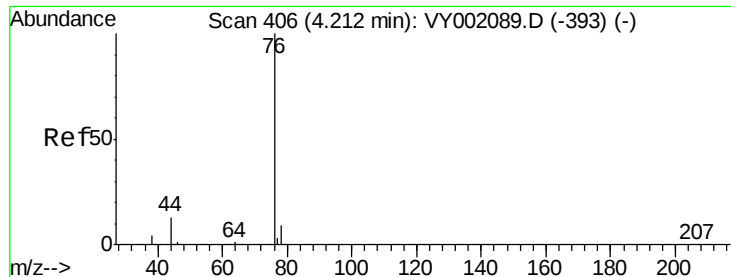
Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Tgt Ion:	43	Resp:	45249
Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.3	39.5





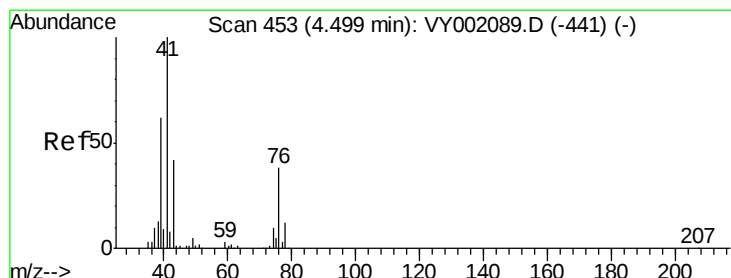
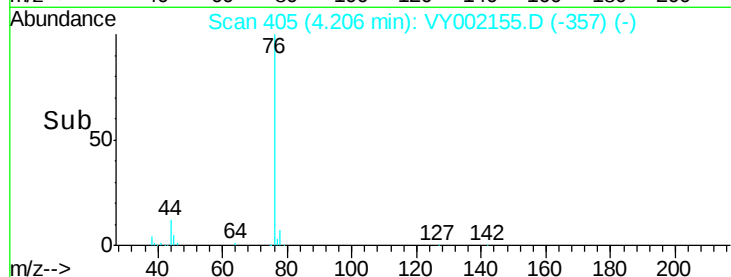
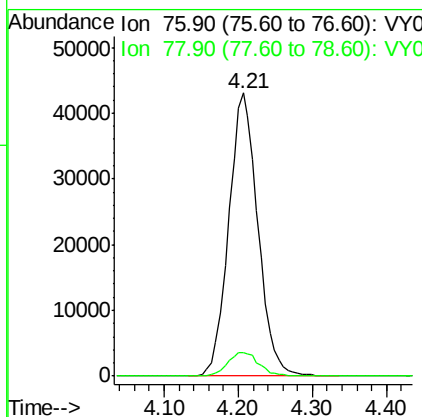
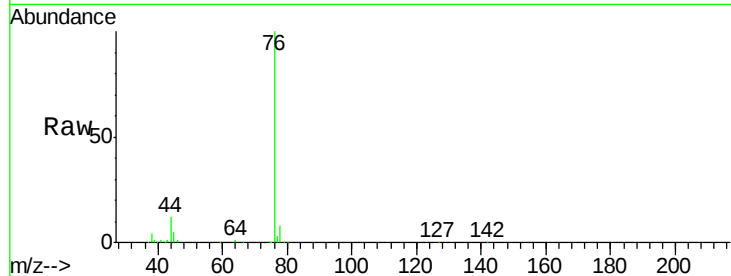
#17
Carbon Disulfide
Concen: 20.877 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.3	10.9

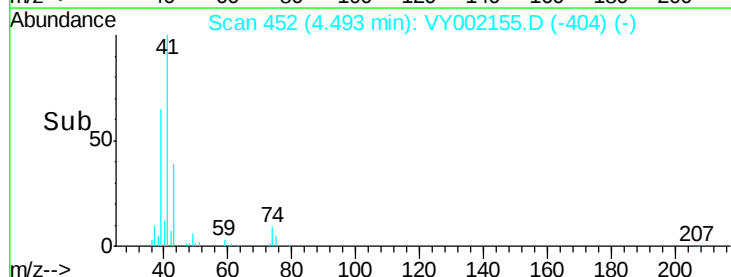
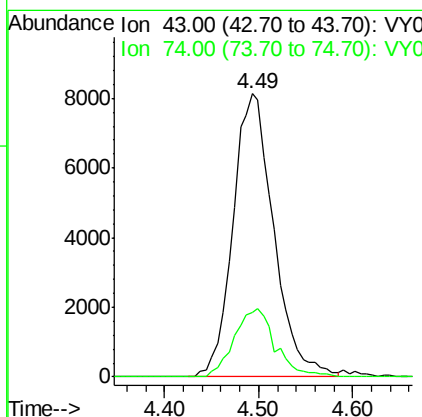
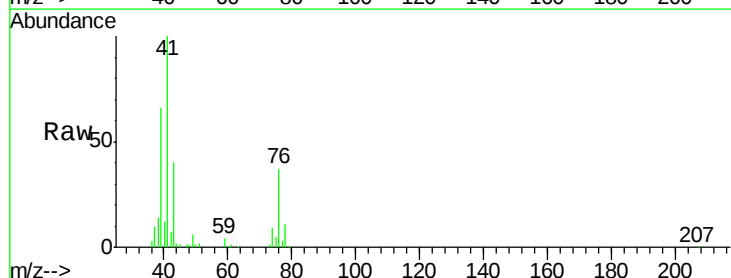
Manual Integrations
APPROVED

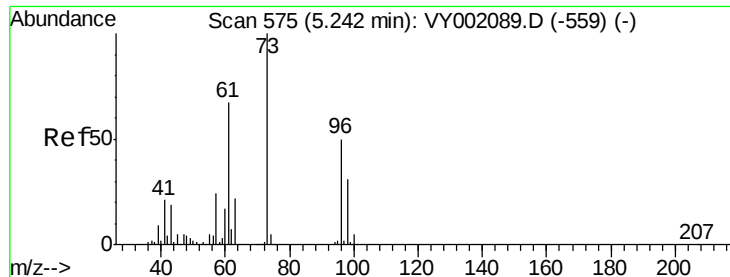
MMDadoda
4/2/2020 10:13:02 AM



#18
Methyl Acetate
Concen: 19.451 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	18.3	27.5





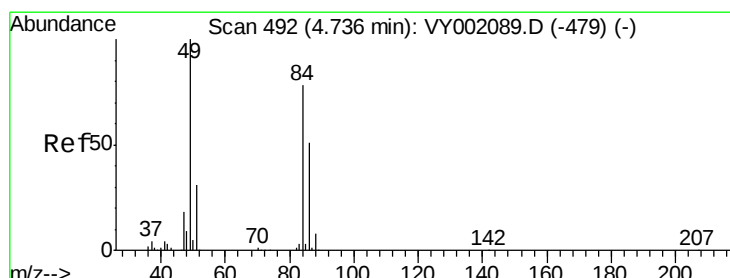
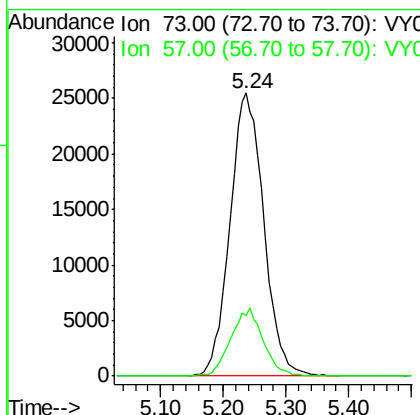
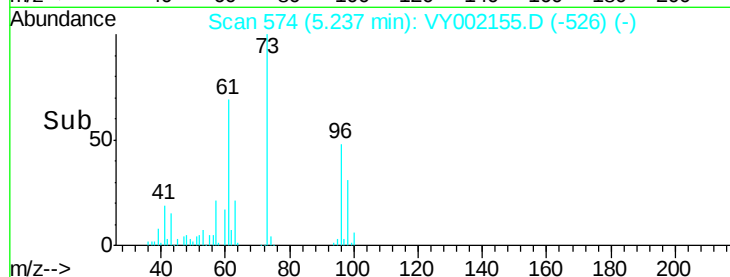
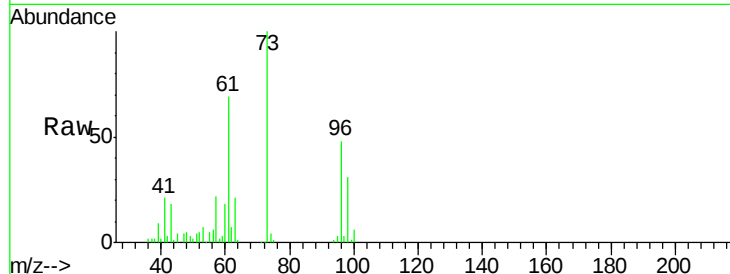
#19
Methyl tert-butyl Ether
Concen: 20.020 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion: 73 Resp: 94931
Ion Ratio Lower Upper
73 100
57 21.6 19.0 28.6

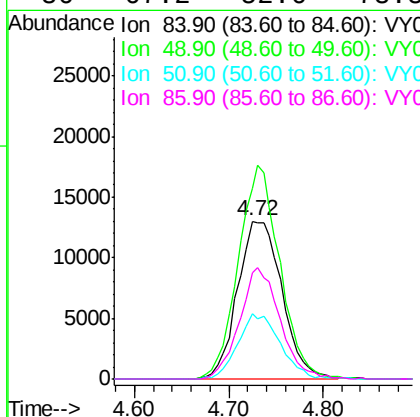
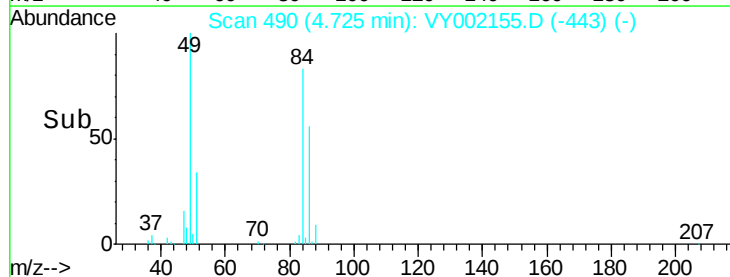
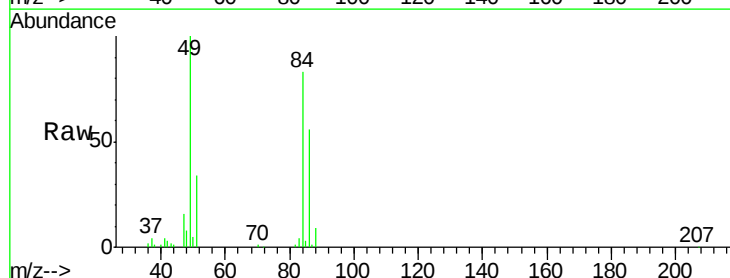
Manual Integrations
APPROVED

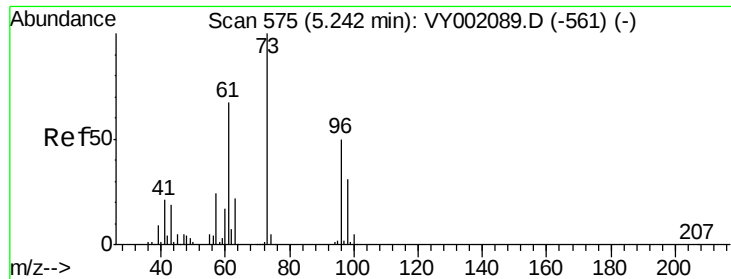
MMDadoda
4/2/2020 10:13:02 AM



#20
Methylene Chloride
Concen: 18.015 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 84 Resp: 42889
Ion Ratio Lower Upper
84 100
49 120.9 102.2 153.4
51 41.1 31.2 46.8
86 67.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.607 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

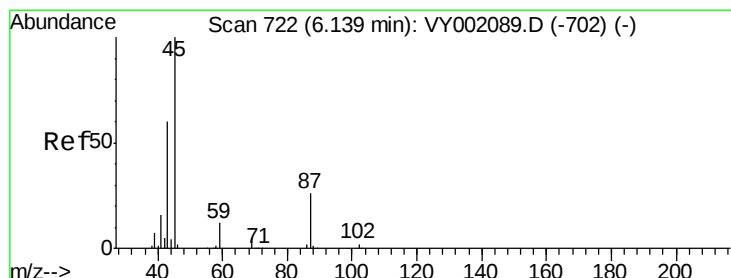
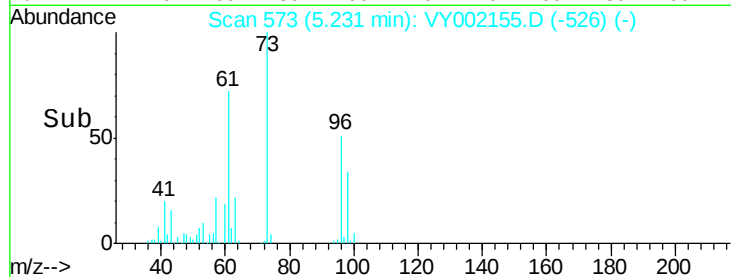
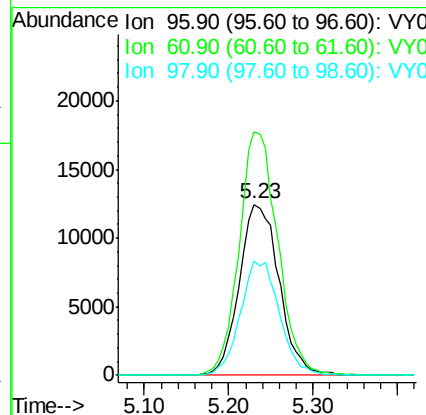
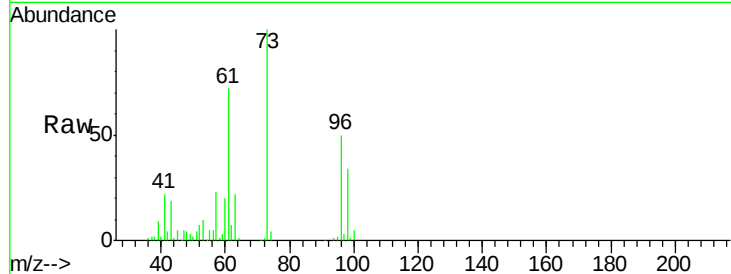
ClientSampleId :

VY0401SBS01

Tot Ion:	96	Resp:	39883
Ion	Ratio	Lower	Upper
96	100		
61	142.5	107.7	161.5
98	66.9	50.5	75.7

Manual Integrations
APPROVED

MMDadoda
4/2/2020 10:13:02 AM



#22

Diisopropyl ether

Concen: 20.444 ug/l

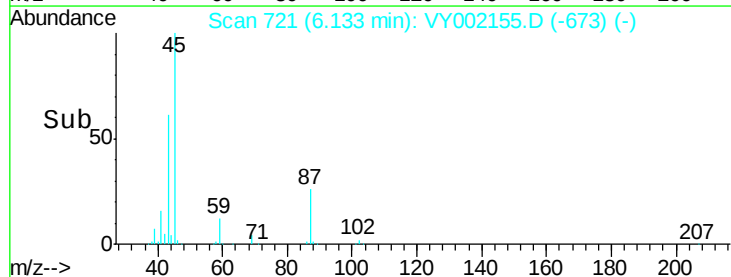
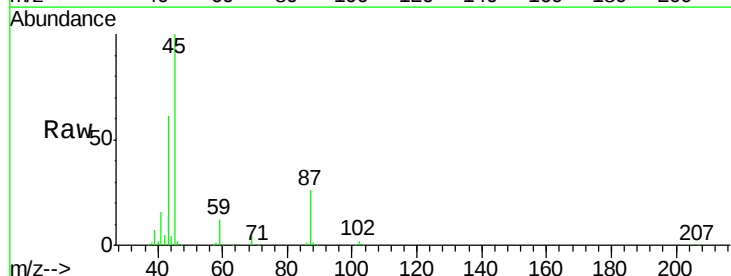
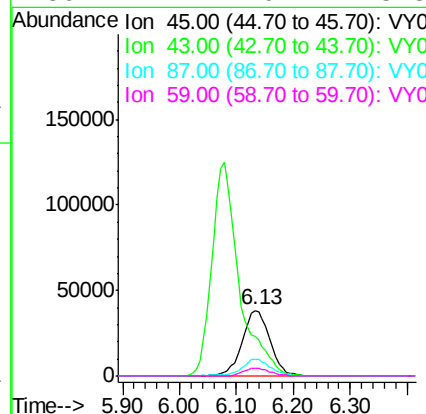
RT: 6.13 min Scan# 721

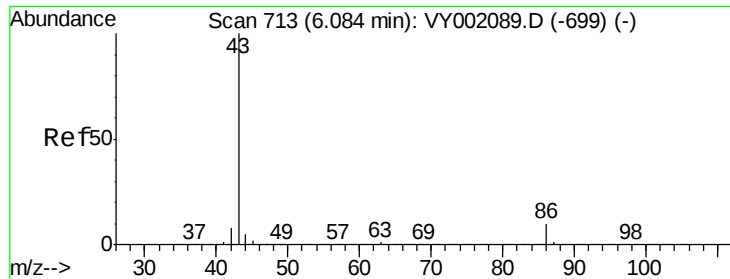
Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Tgt Ion:	45	Resp:	130191
Ion	Ratio	Lower	Upper
45	100		
43	60.1	48.1	72.1
87	26.0	21.1	31.7
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 99.820 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

Tot Ion: 43 Resp: 416836

Ion Ratio Lower Upper

43 100

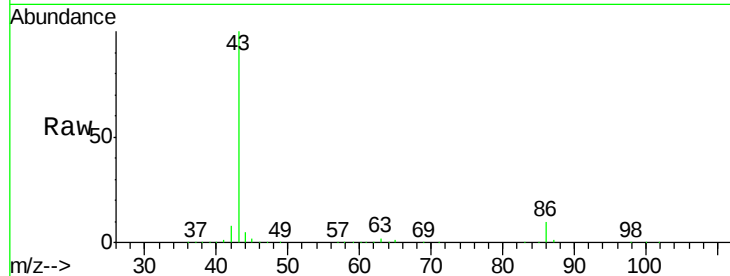
86 10.3 7.9 11.9

Manual Integrations

APPROVED

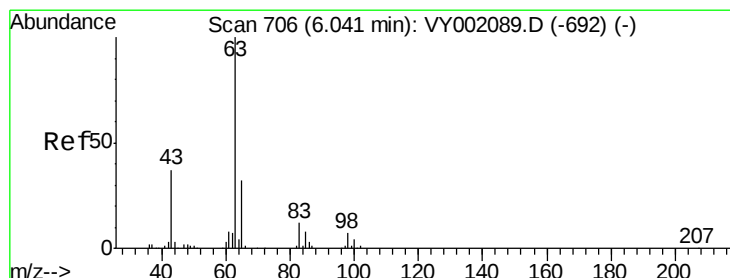
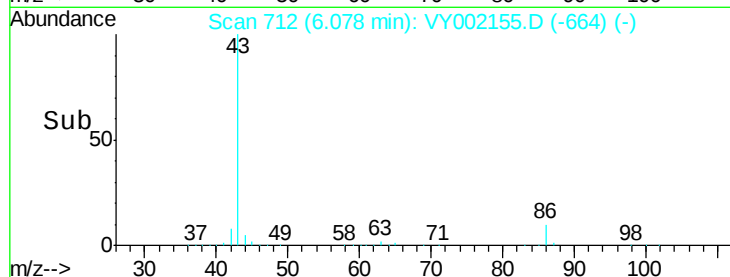
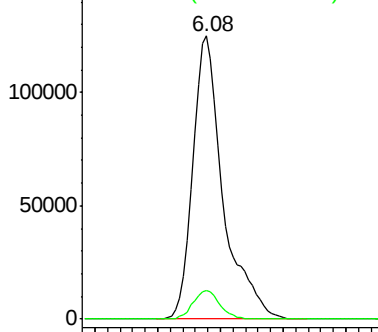
MMDadoda

4/2/2020 10:13:02 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.538 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

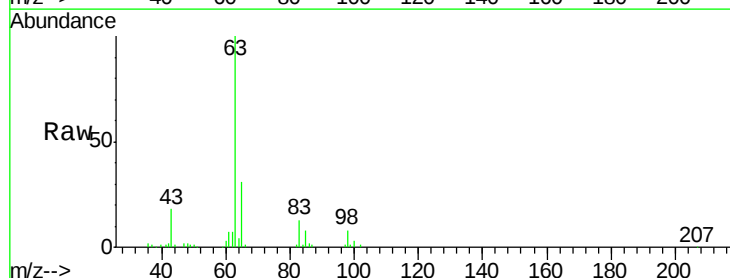
Tgt Ion: 63 Resp: 69540

Ion Ratio Lower Upper

63 100

98 7.9 3.3 9.9

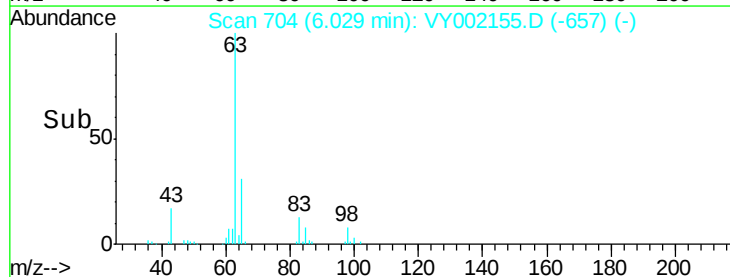
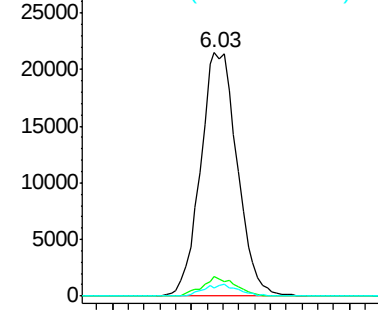
100 3.3 1.8 5.5

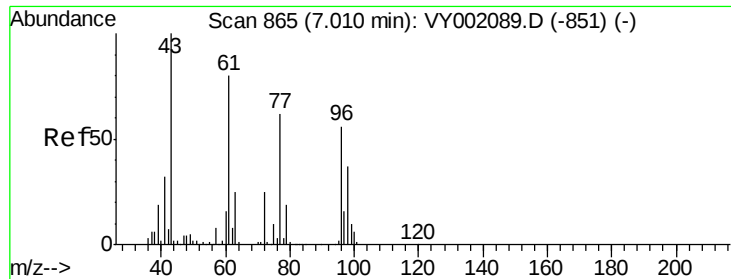


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





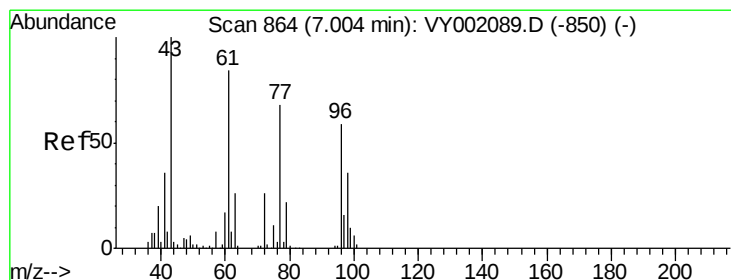
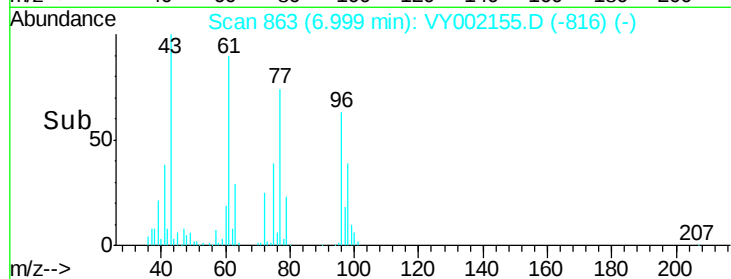
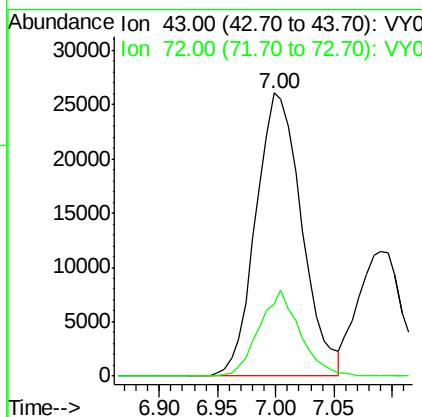
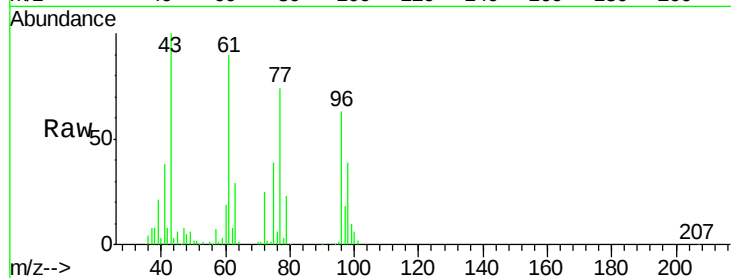
#25
2-Butanone
Concen: 95.302 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion: 43 Resp: 71198
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.2

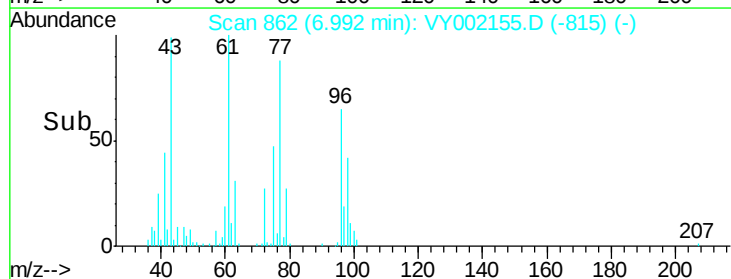
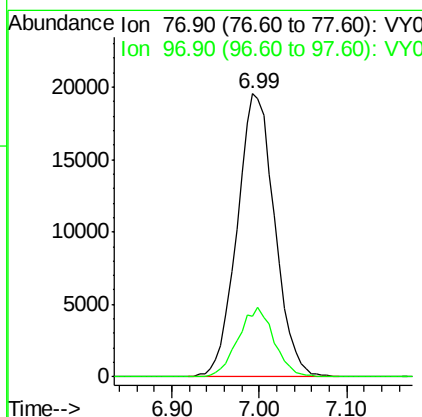
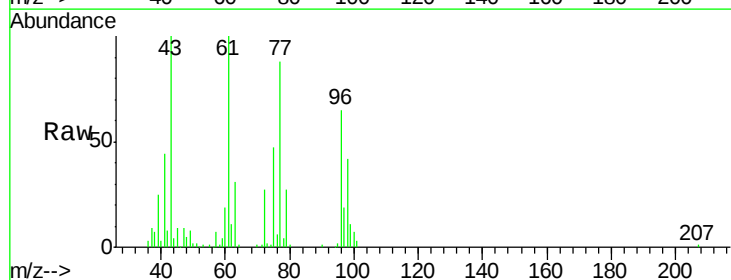
Manual Integrations
APPROVED

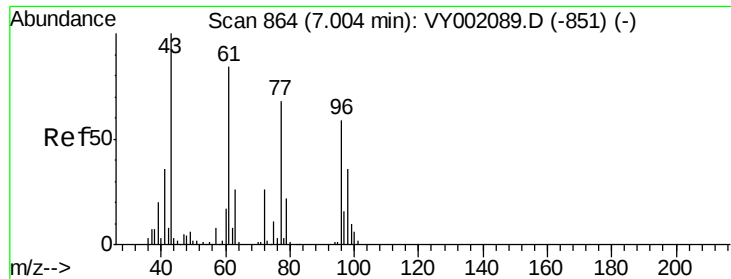
MMDadoda
4/2/2020 10:13:02 AM



#26
2,2-Dichloropropane
Concen: 20.870 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 77 Resp: 58198
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.1





#27

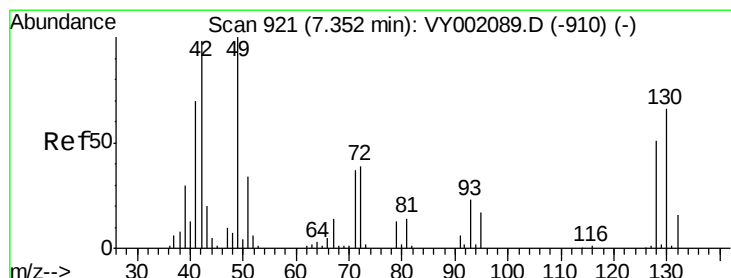
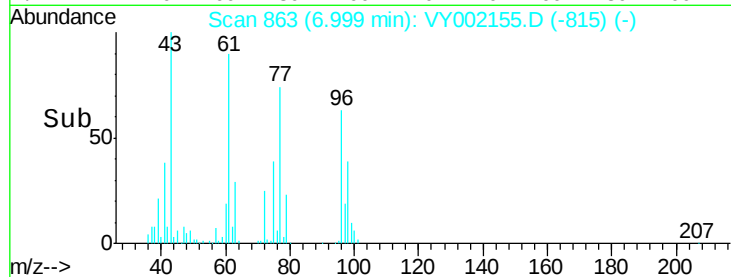
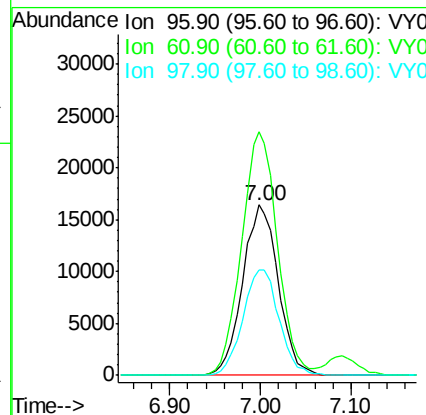
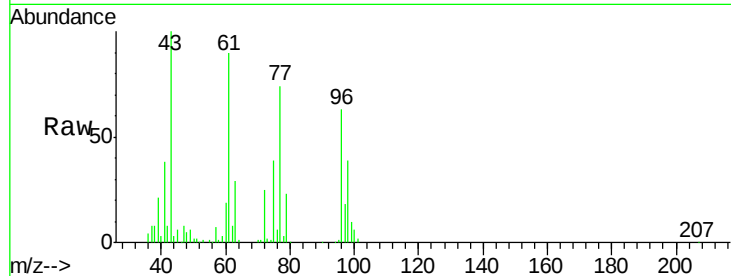
cis-1,2-Dichloroethene
 Concen: 21.039 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	290.6
98	62.4	0.0	128.0

Manual Integrations
 APPROVED

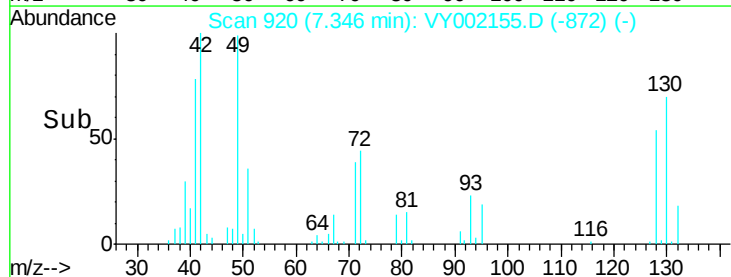
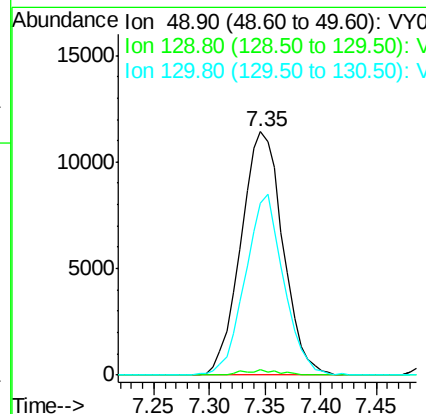
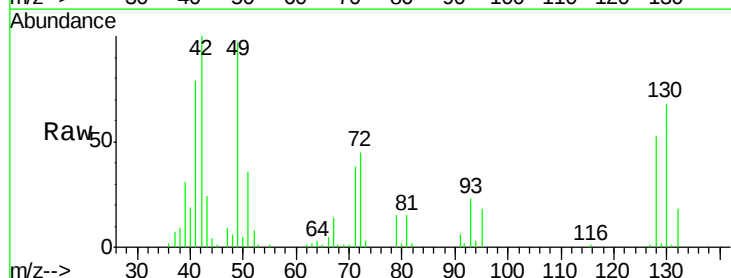
MMDadoda
 4/2/2020 10:13:02 AM

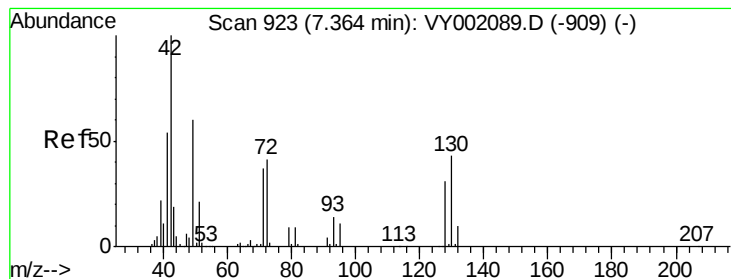


#28

Bromochloromethane
 Concen: 19.379 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	67.9	54.1	81.1





#29

Tetrahydrofuran

Concen: 95.635 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

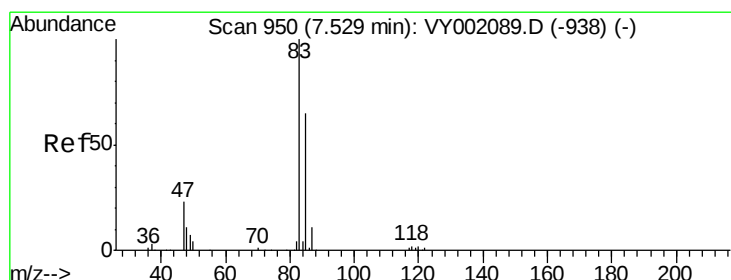
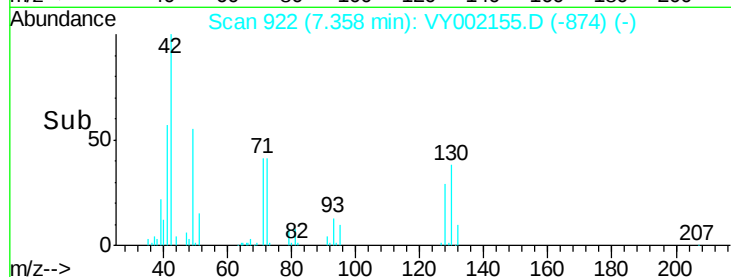
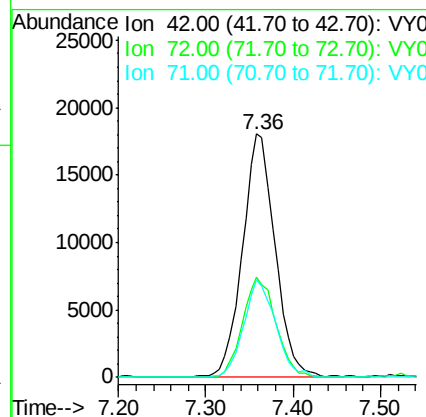
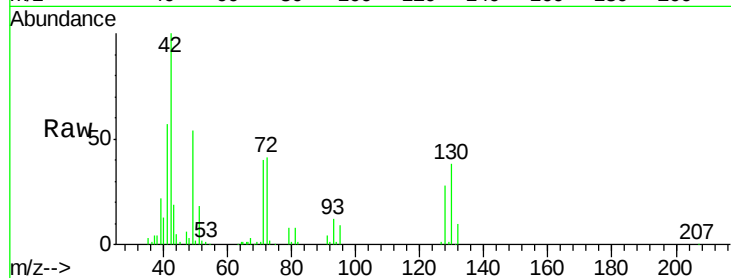
ClientSampleId :

VY0401SBSD01

Tot Ion:	42	Resp:	46843
Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.0	49.4
71	39.2	31.2	46.8

Manual Integrations
APPROVED

MMDadoda
4/2/2020 10:13:02 AM



#30

Chloroform

Concen: 20.205 ug/l

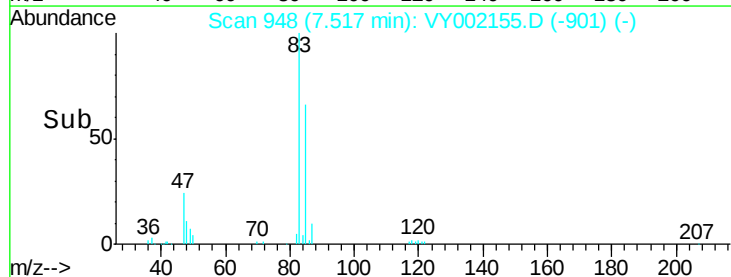
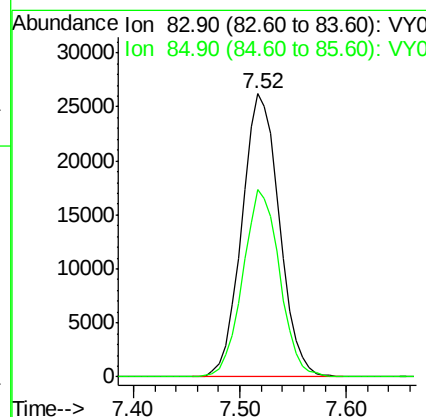
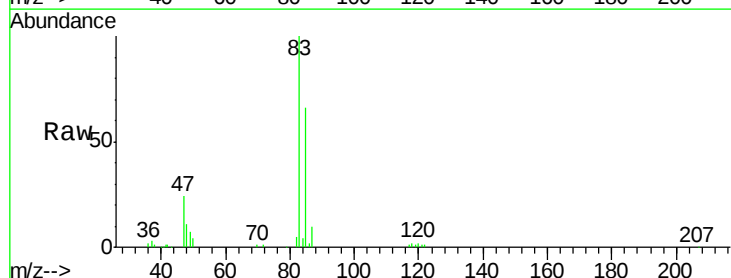
RT: 7.52 min Scan# 948

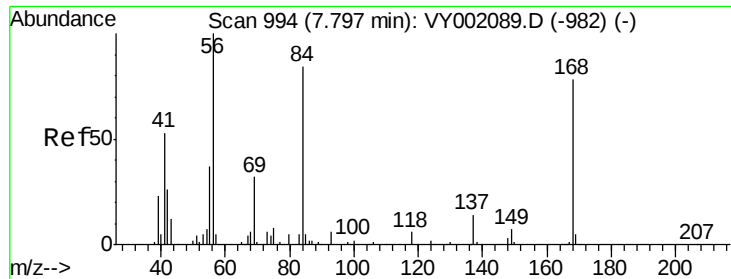
Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Tgt Ion:	83	Resp:	64846
Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.4	78.6





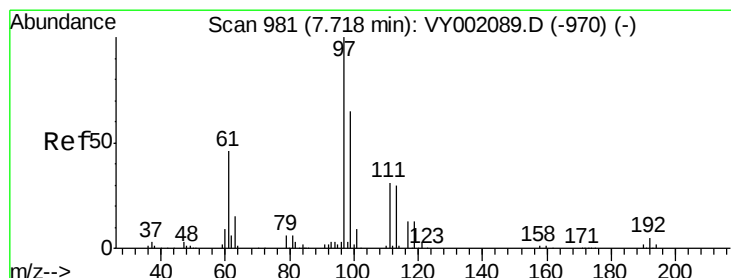
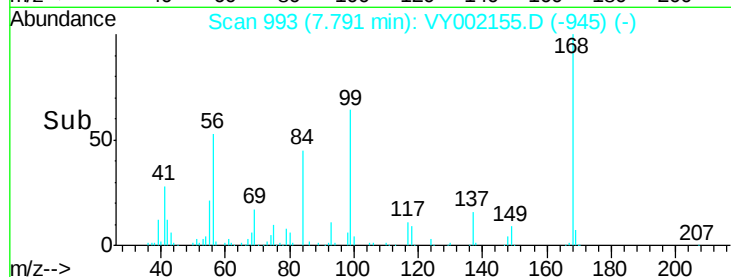
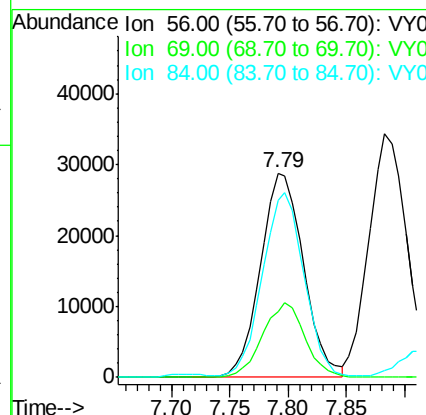
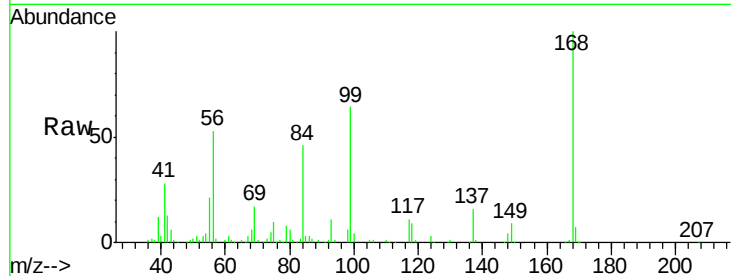
#31
Cyclohexane
Concen: 20.487 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.8	38.8
84	84.9	67.1	100.7

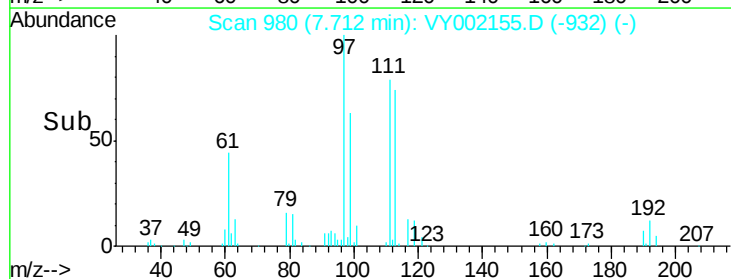
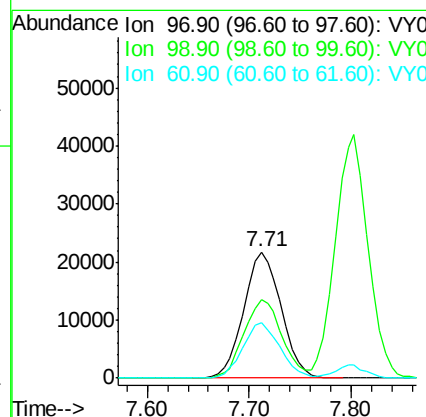
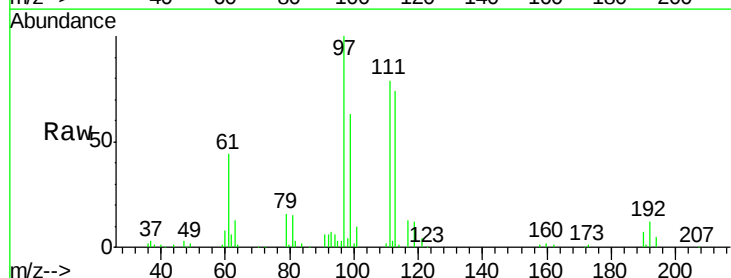
Manual Integrations
APPROVED

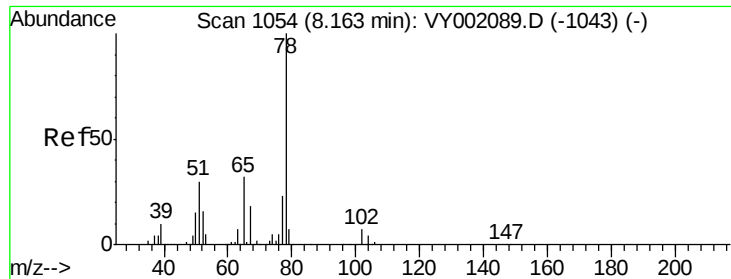
MMDadoda
4/2/2020 10:13:02 AM



#32
1,1,1-Trichloroethane
Concen: 20.599 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	43.7	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 47.253 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

Tot Ion: 65 Resp: 81831

Ion Ratio Lower Upper

65 100

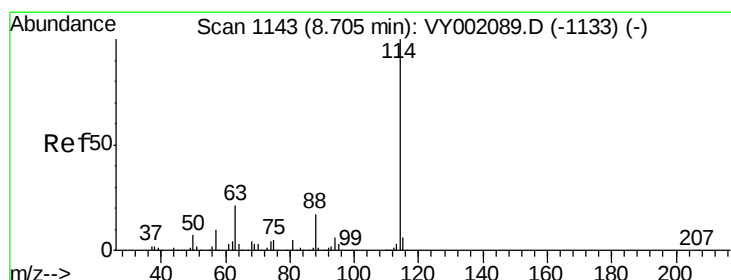
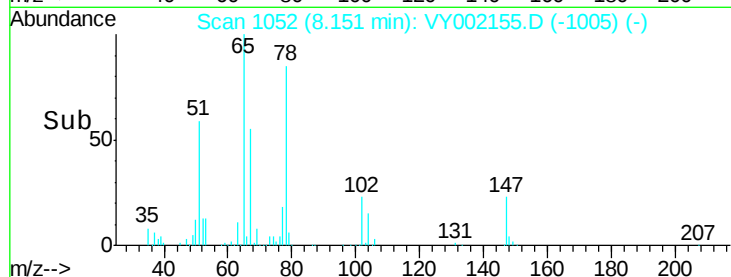
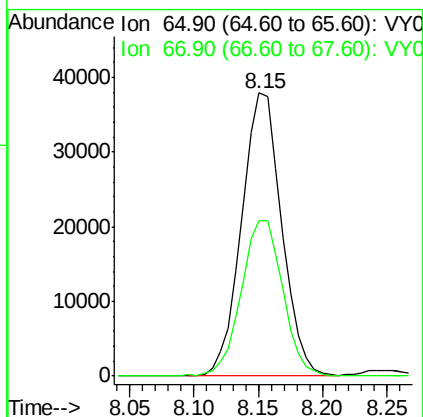
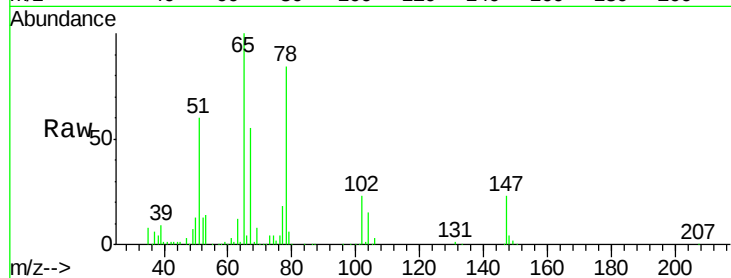
67 56.9 0.0 112.8

Manual Integrations

APPROVED

MMDadoda

4/2/2020 10:13:02 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

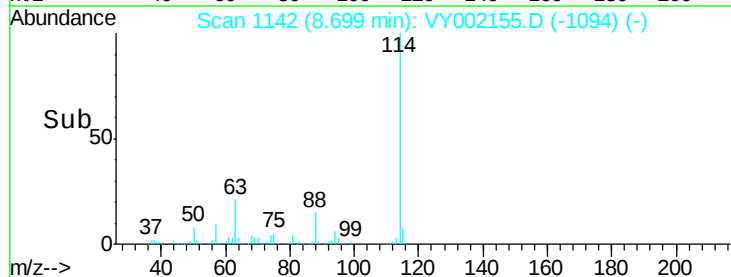
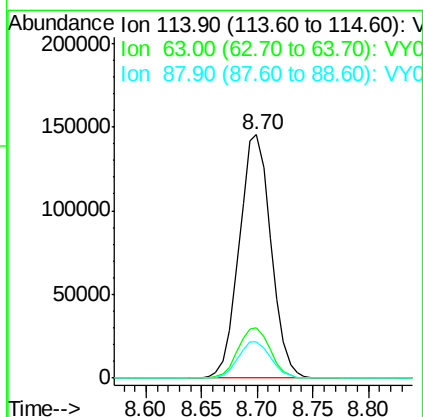
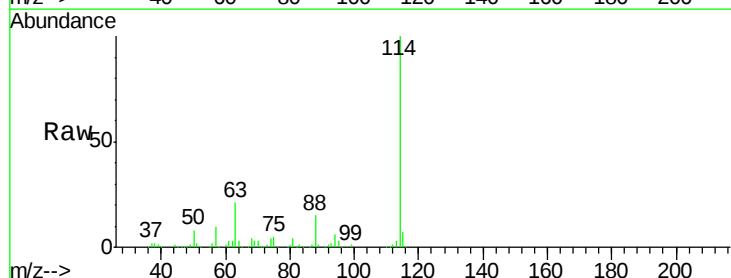
Tgt Ion: 114 Resp: 287989

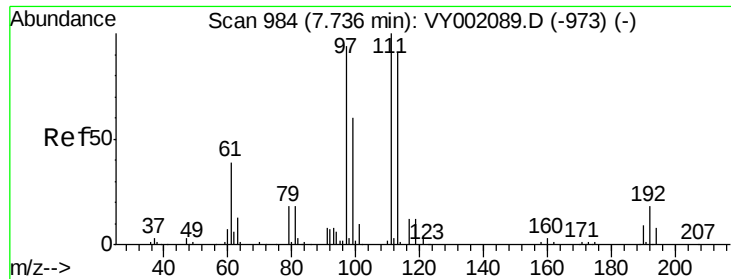
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

88 15.1 0.0 33.0





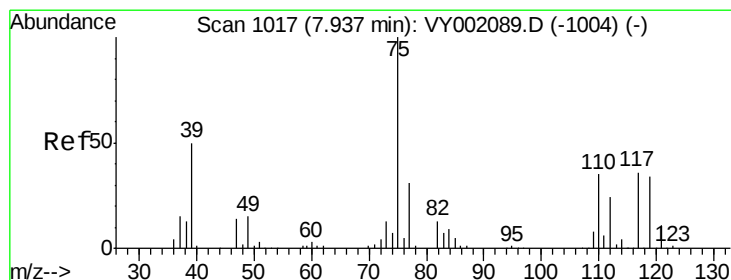
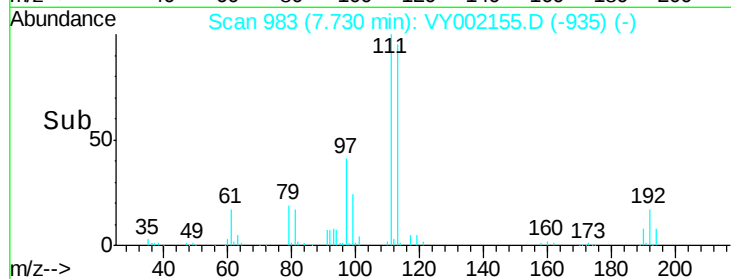
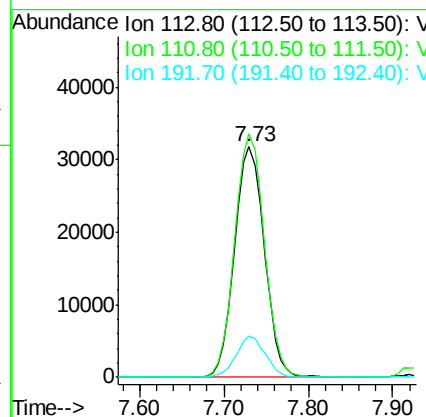
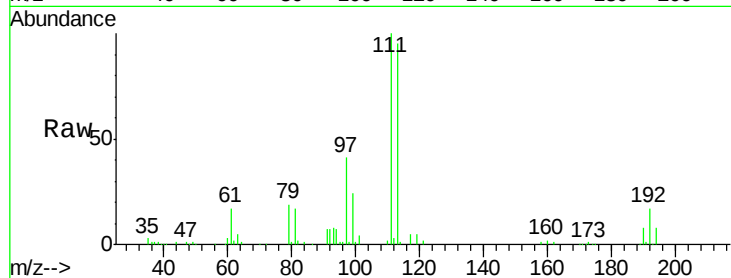
#35
 Dibromofluoromethane
 Concen: 47.149 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	84.4	126.6
192	17.5	14.6	21.8

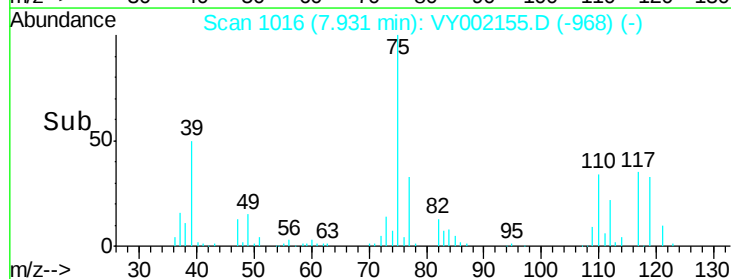
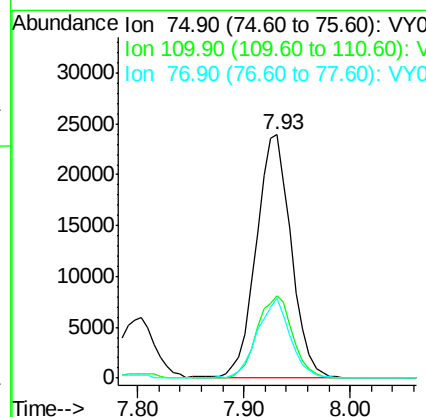
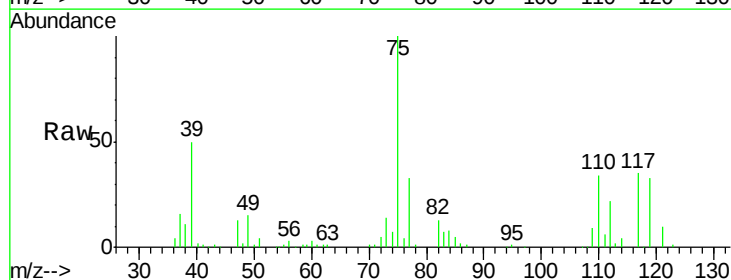
Manual Integrations
 APPROVED

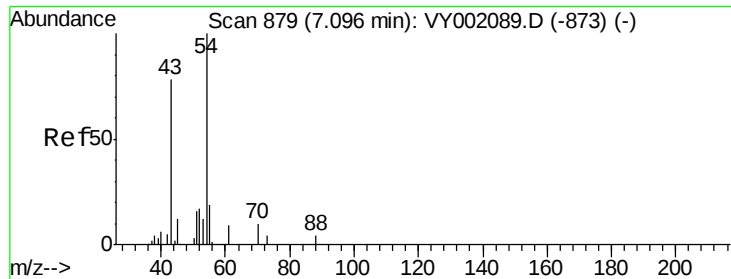
MMDadoda
 4/2/2020 10:13:02 AM



#36
 1,1-Dichloropropene
 Concen: 20.287 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.2	51.6
77	30.9	24.7	37.1





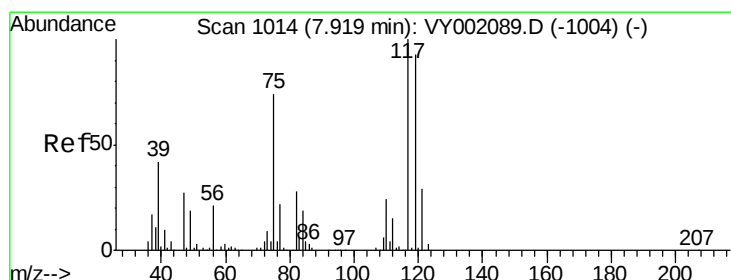
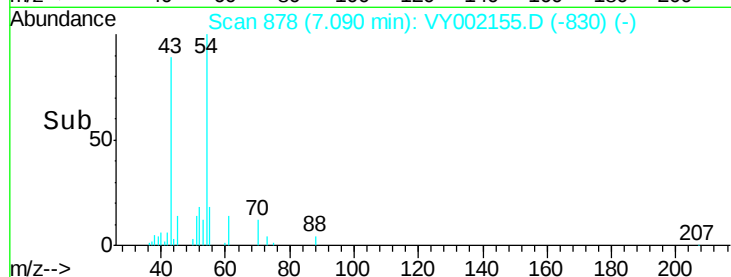
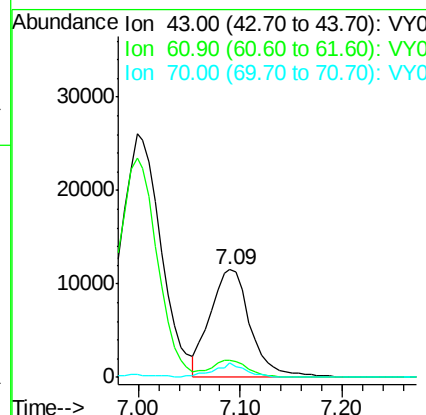
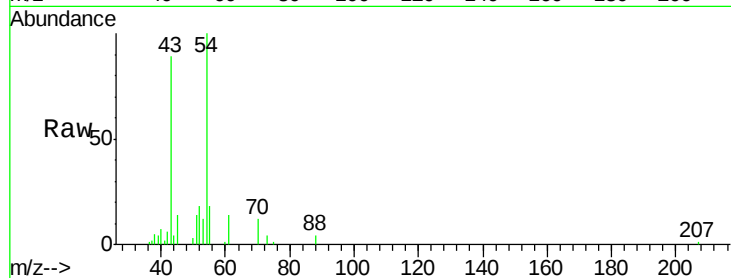
#37
Ethyl Acetate
Concen: 19.313 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.2	16.8
70	10.7	8.2	12.4

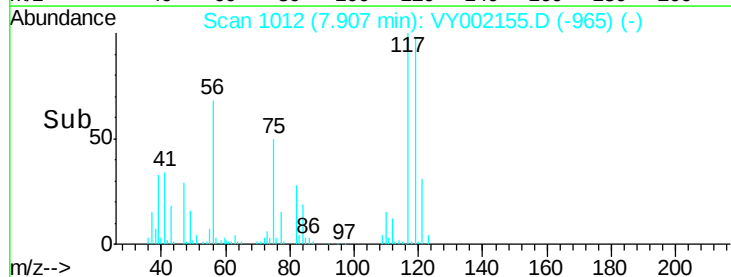
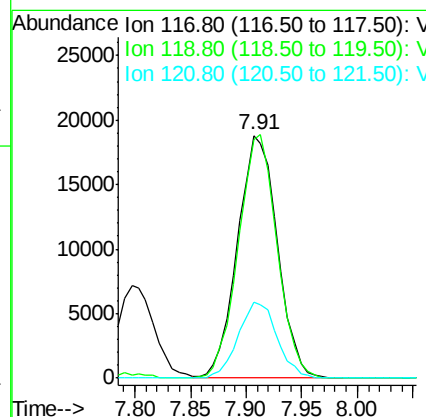
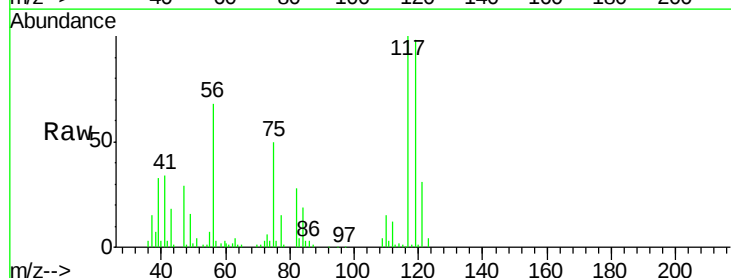
Manual Integrations
APPROVED

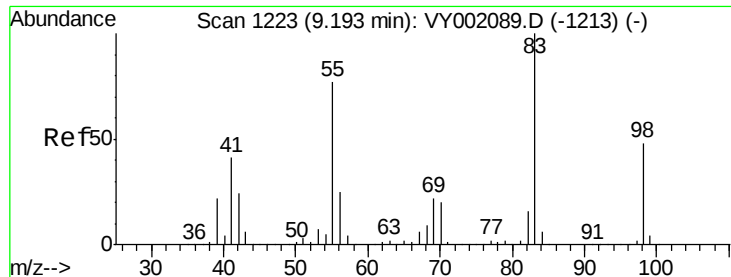
MMDadoda
4/2/2020 10:13:02 AM



#38
Carbon Tetrachloride
Concen: 20.270 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	74.3	111.5
121	31.1	23.3	34.9





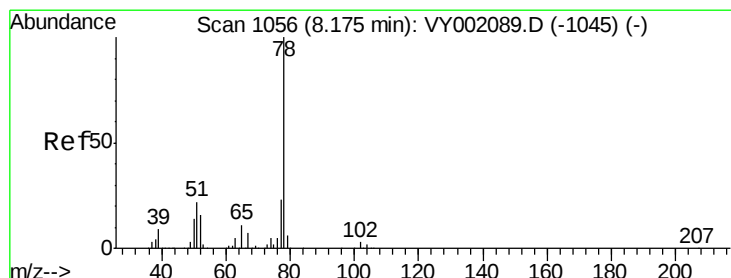
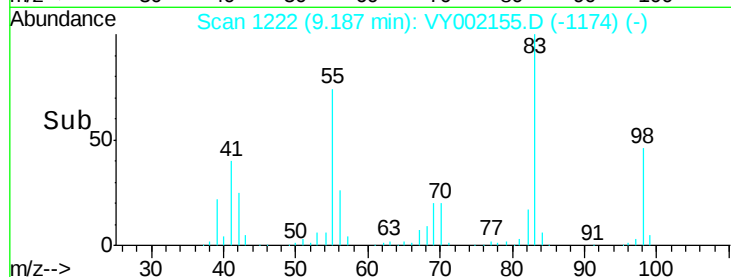
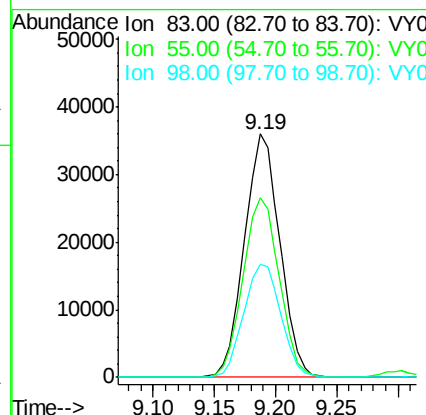
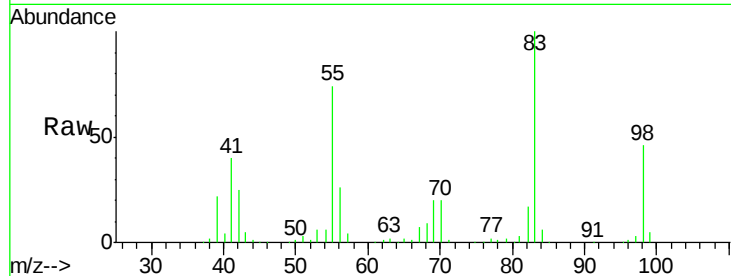
#39
Methvlcvclohexane
Concen: 20.331 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	61.2	91.8
98	46.3	38.2	57.2

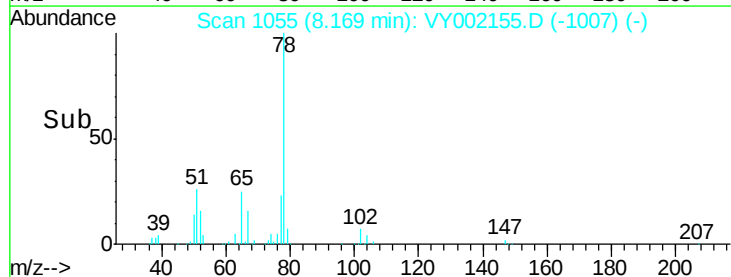
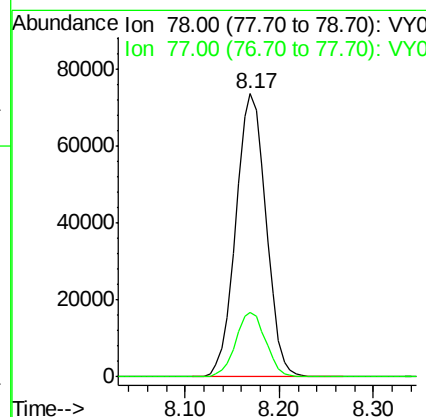
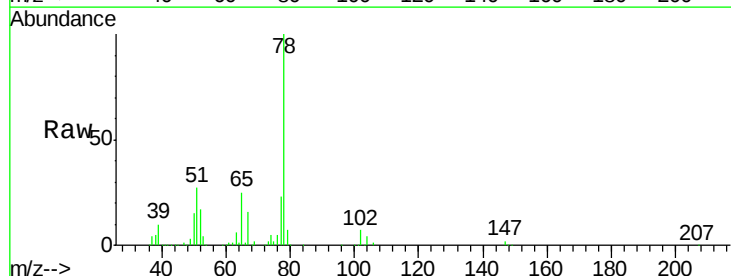
Manual Integrations
APPROVED

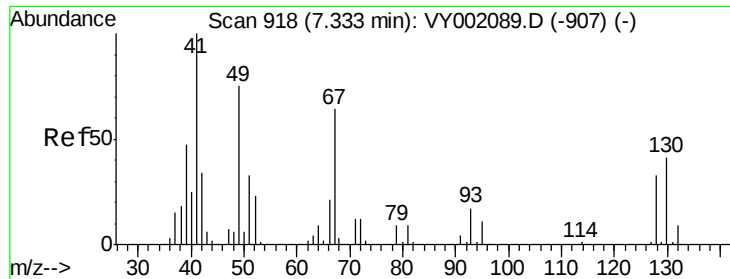
MMDadoda
4/2/2020 10:13:02 AM



#40
Benzene
Concen: 20.357 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.4





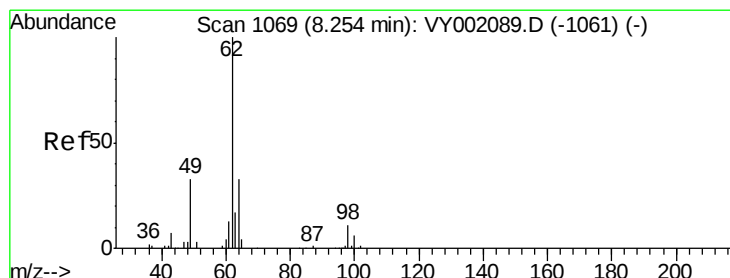
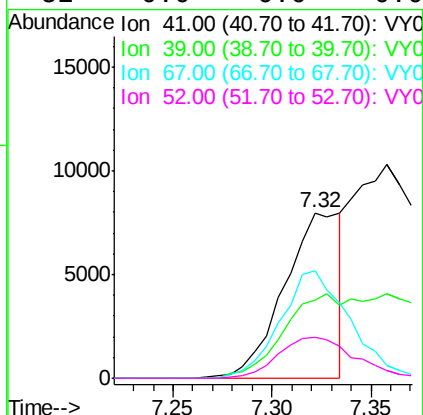
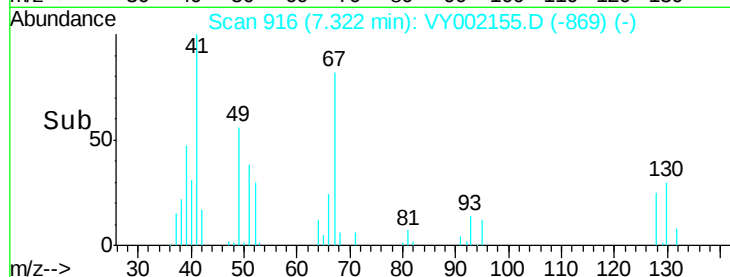
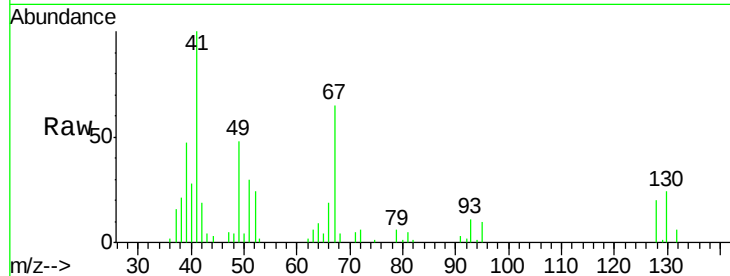
#41
Methacrylonitrile
Concen: 19.116 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	41	Resp	15917
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

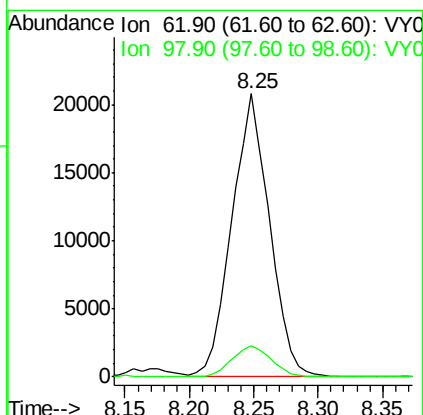
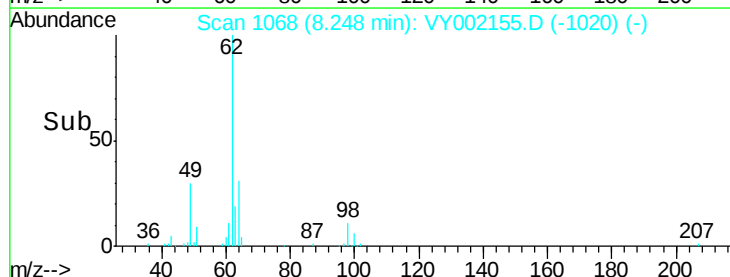
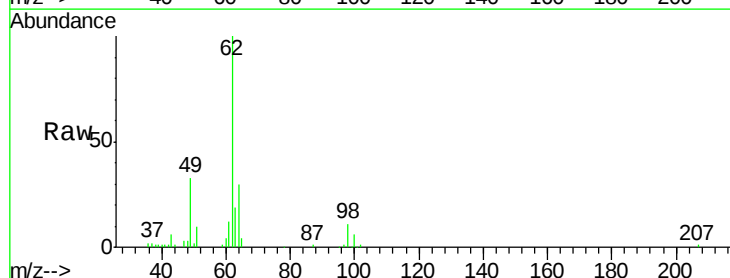
Manual Integrations
APPROVED

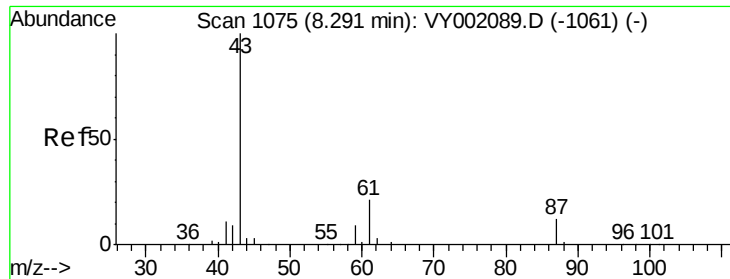
MMDadoda
4/2/2020 10:13:02 AM



#42
1,2-Dichloroethane
Concen: 19.700 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	62	Resp	42200
Ion Ratio	Lower	Upper	
62	100		
98	11.5	0.0	21.2





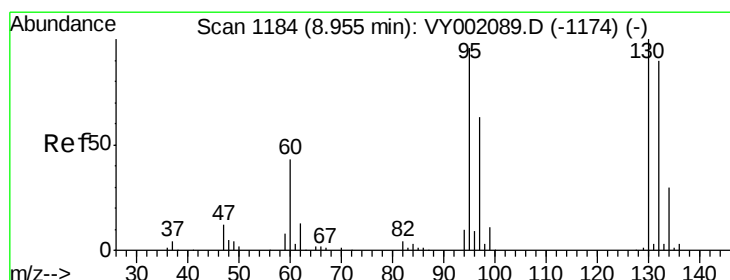
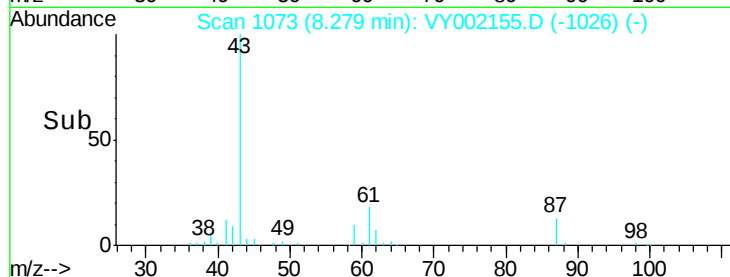
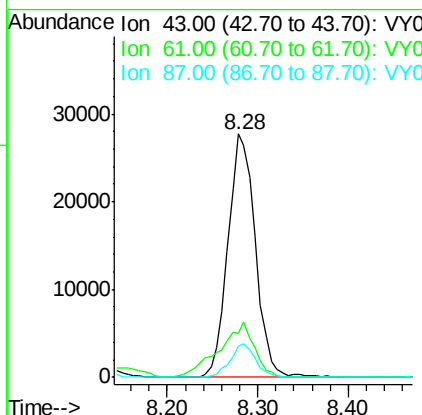
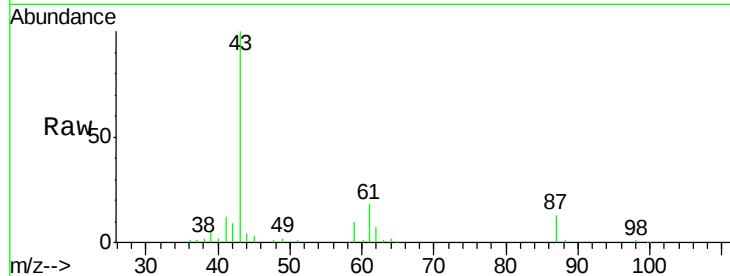
#43
Isopropyl Acetate
Concen: 19.044 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.4	35.2
87	12.9	10.2	15.4

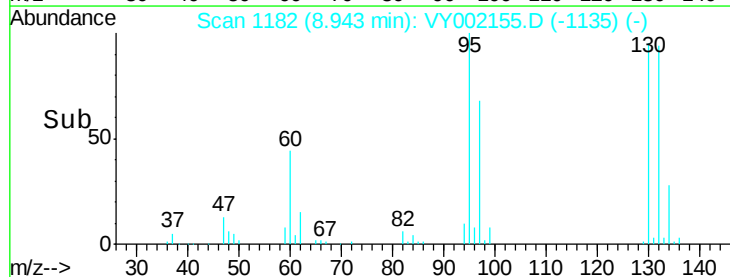
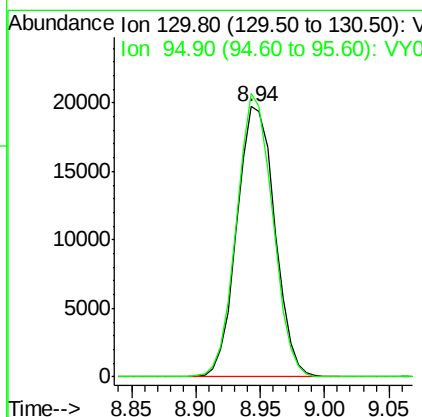
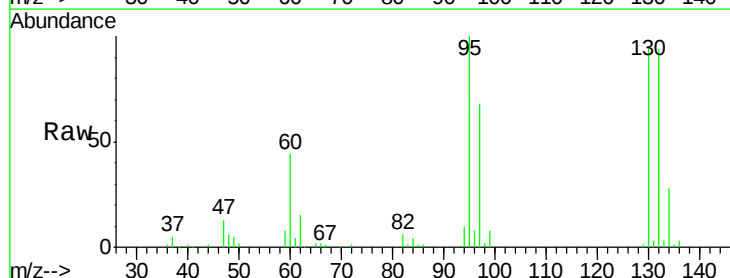
Manual Integrations
APPROVED

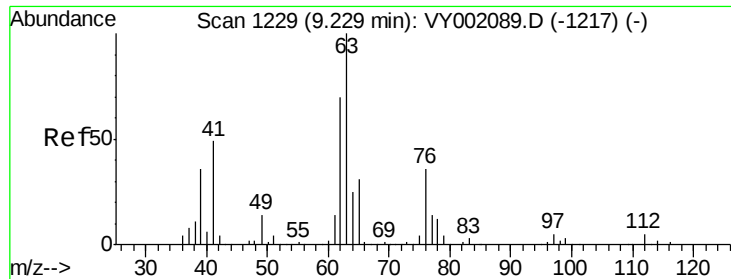
MMDadoda
4/2/2020 10:13:02 AM



#44
Trichloroethene
Concen: 20.621 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	193.0





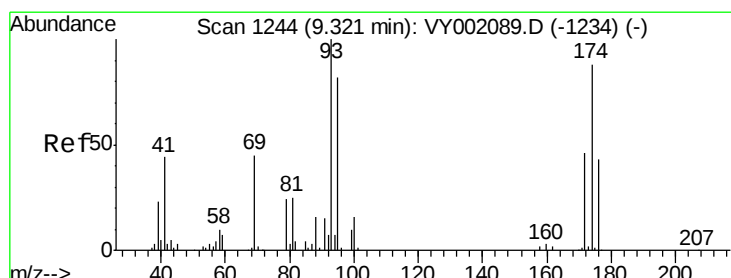
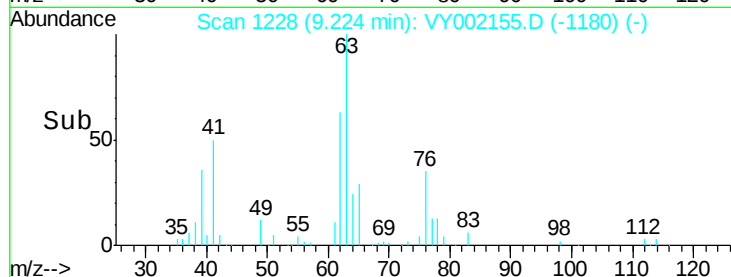
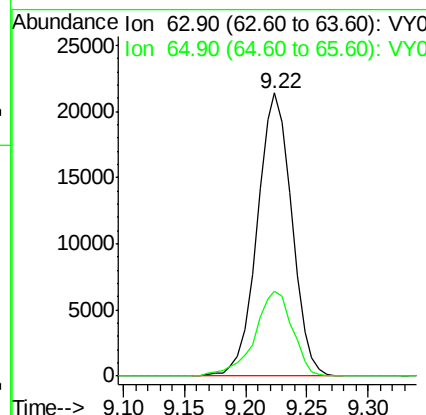
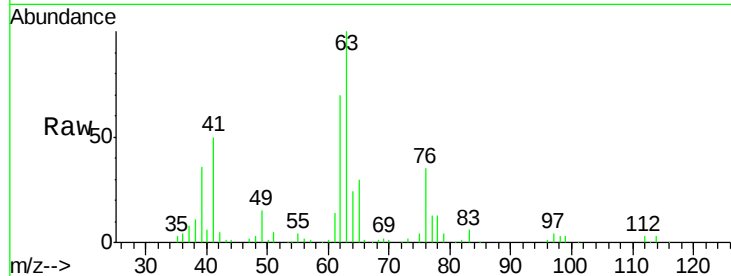
#45
 1,2-Dichloropropane
 Concen: 20.486 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.0	37.6

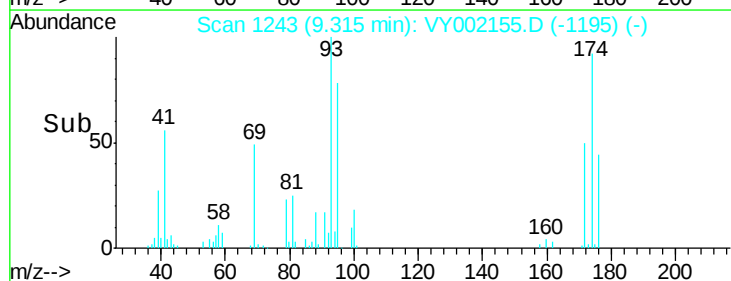
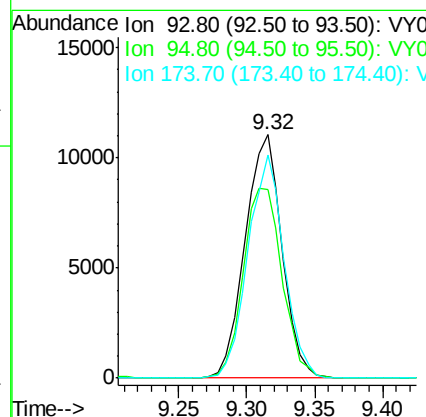
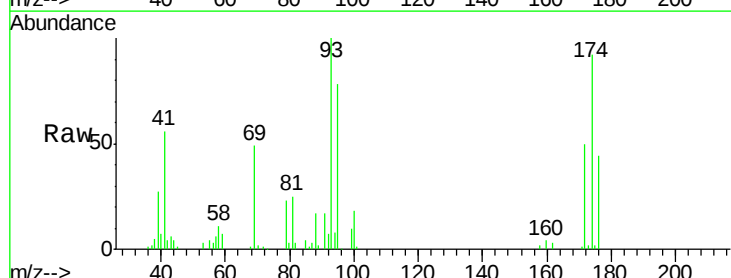
Manual Integrations
 APPROVED

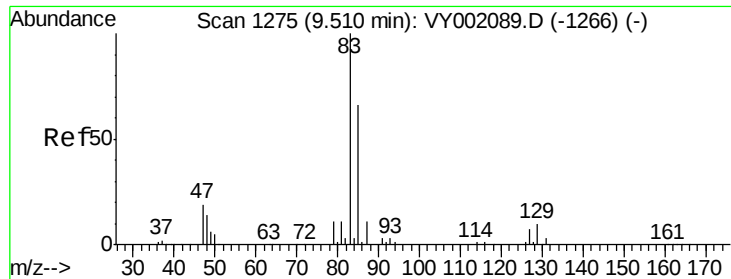
MMDadoda
 4/2/2020 10:13:02 AM



#46
 Dibromomethane
 Concen: 19.896 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.0	99.0
174	89.5	69.8	104.8





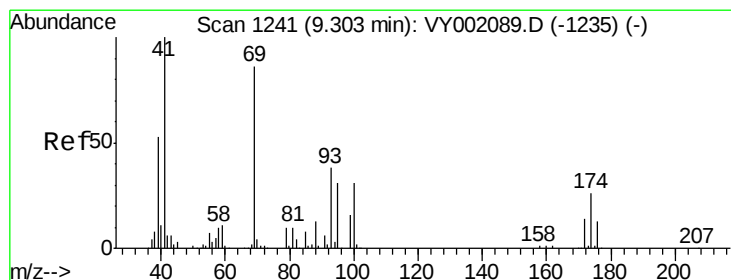
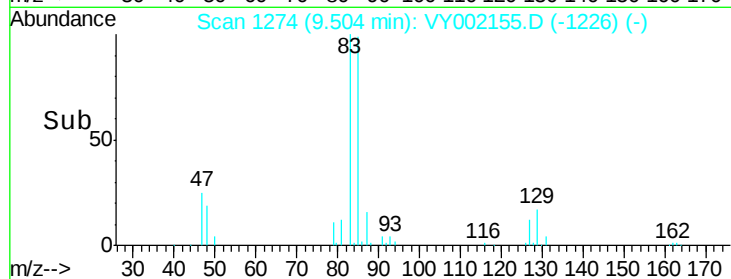
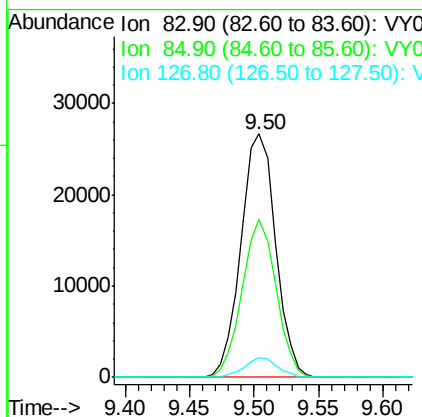
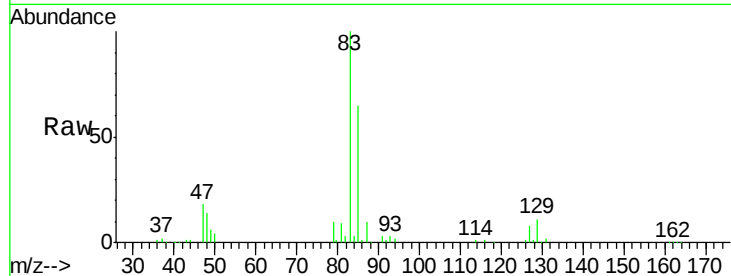
#47
Bromodichloromethane
Concen: 20.262 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	83	Resp	49767
Ion Ratio	100	Lower	Upper
83	100		
85	64.8	52.6	79.0
127	7.9	5.9	8.9

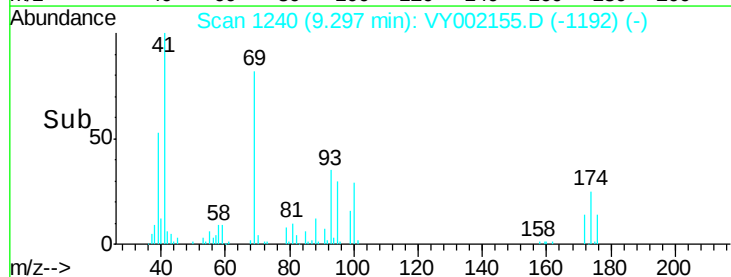
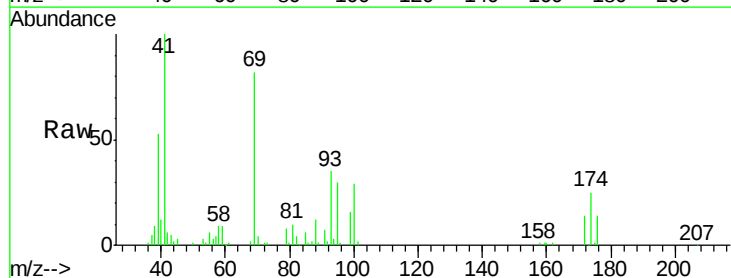
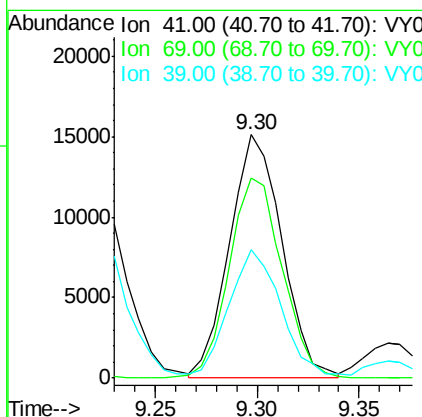
Manual Integrations
APPROVED

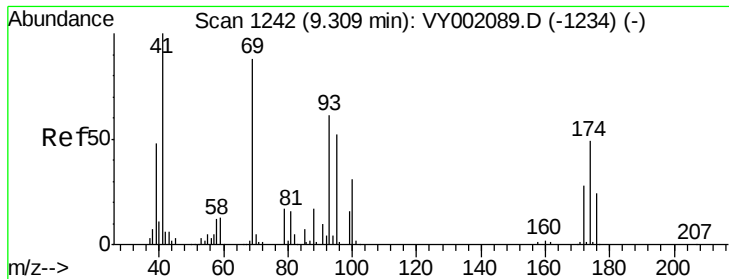
MMDadoda
4/2/2020 10:13:02 AM



#48
Methyl methacrylate
Concen: 19.733 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	41	Resp	27018
Ion Ratio	100	Lower	Upper
41	100		
69	83.0	71.4	107.0
39	50.4	41.0	61.4





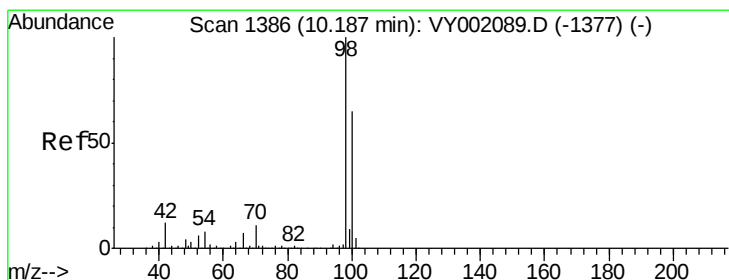
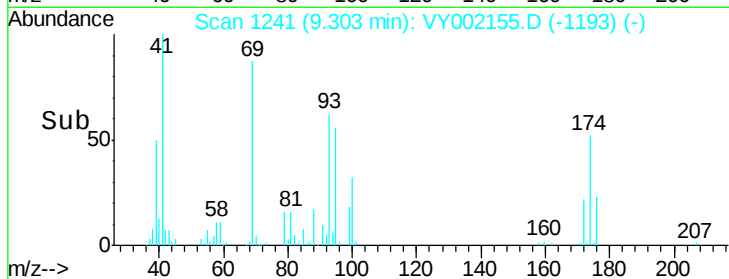
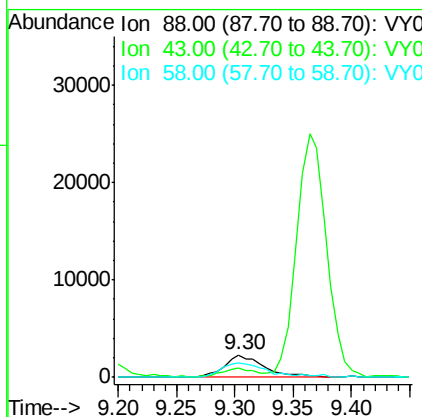
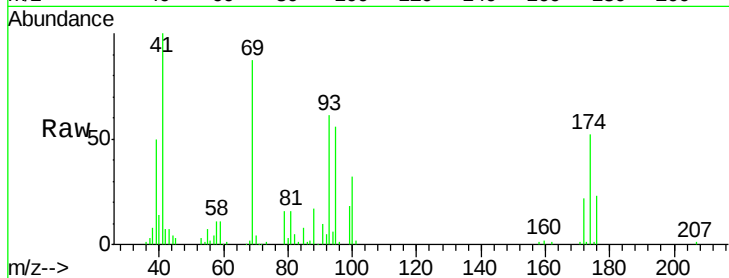
#49
1,4-Dioxane
Concen: 370.480 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	88	Resp	5364
Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.2	40.8
58	71.6	59.8	89.8

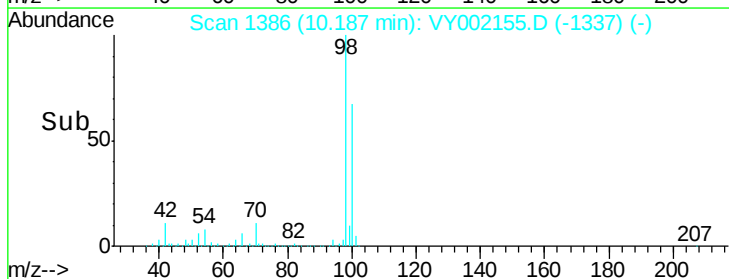
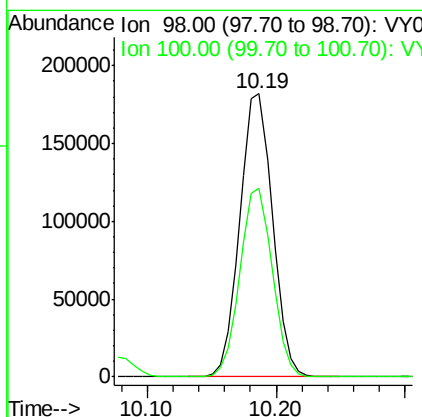
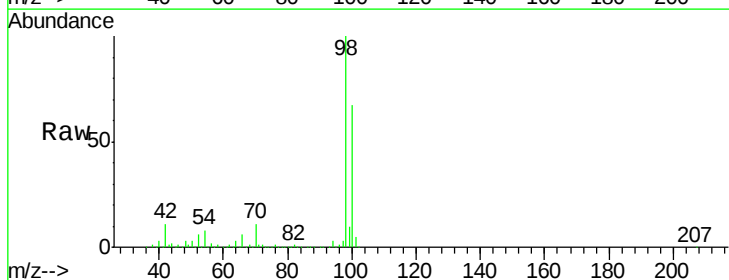
Manual Integrations
APPROVED

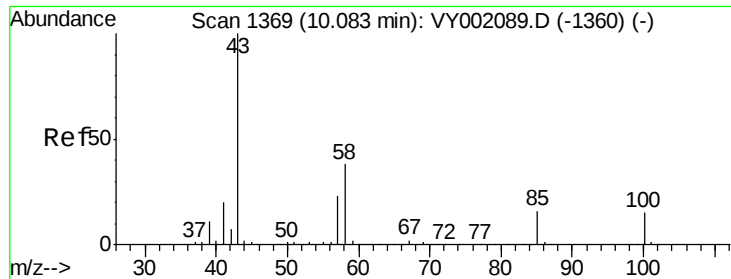
MMDadoda
4/2/2020 10:13:02 AM



#50
Toluene-d8
Concen: 47.709 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	98	Resp	319815
Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 98.967 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

Tot Ion: 43 Resp: 155696

Ion Ratio Lower Upper

43 100

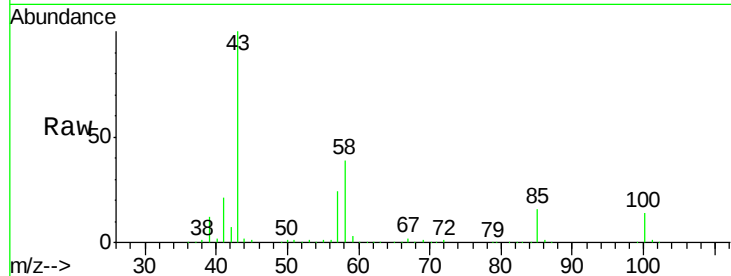
58 39.2 31.6 47.4

Manual Integrations

APPROVED

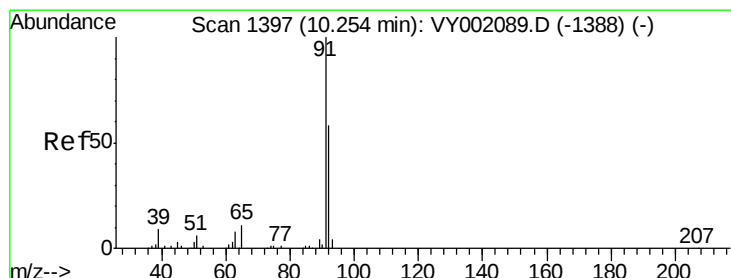
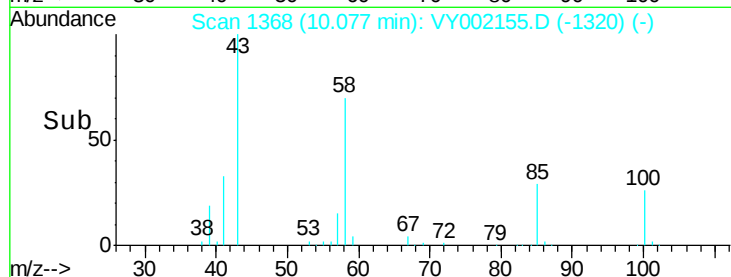
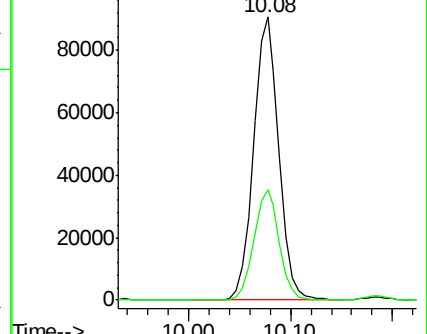
MMDadoda

4/2/2020 10:13:02 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.315 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002155.D

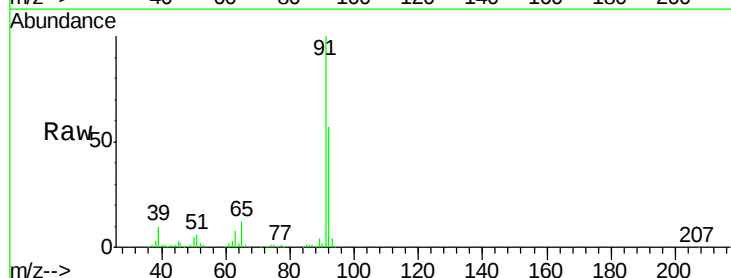
Acq: 01 Apr 2020 12:21

Tgt Ion: 92 Resp: 99144

Ion Ratio Lower Upper

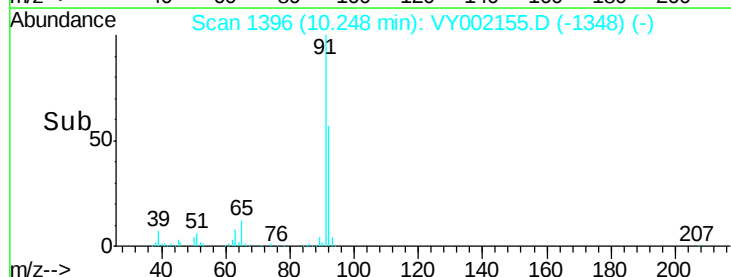
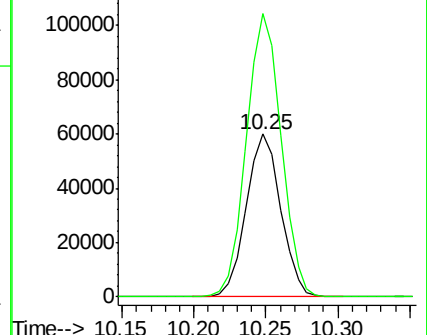
92 100

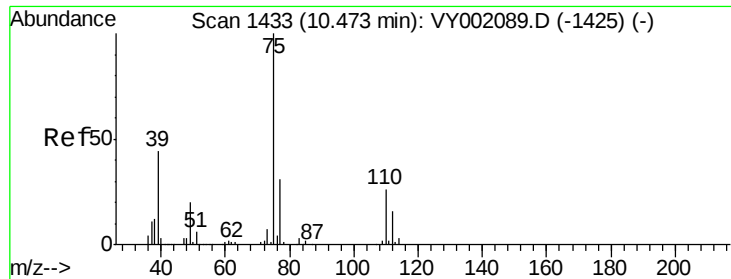
91 175.3 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 19.646 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampled :

VY0401SBSD01

Tot Ion: 75 Resp: 53558

Ion Ratio Lower Upper

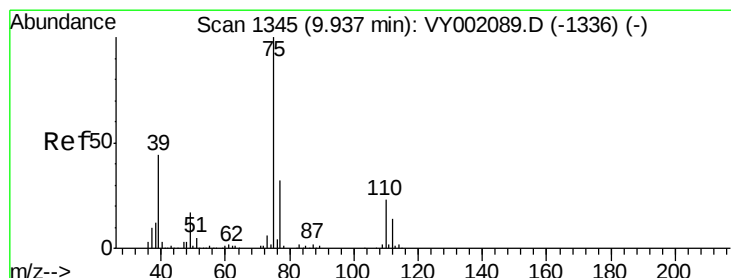
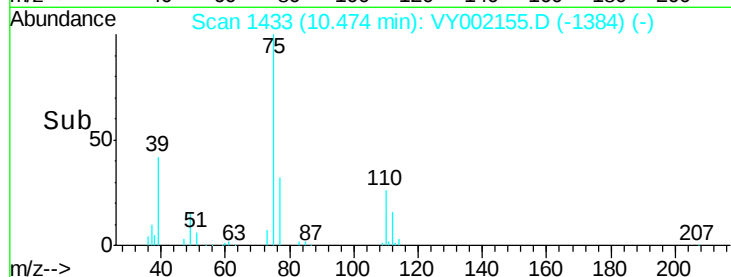
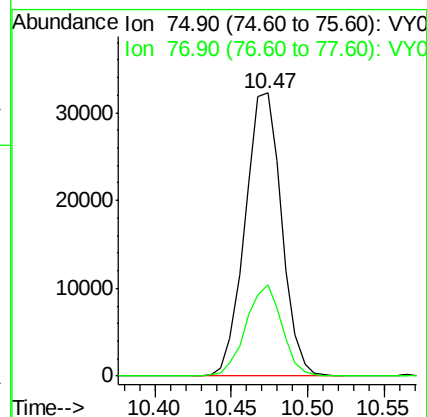
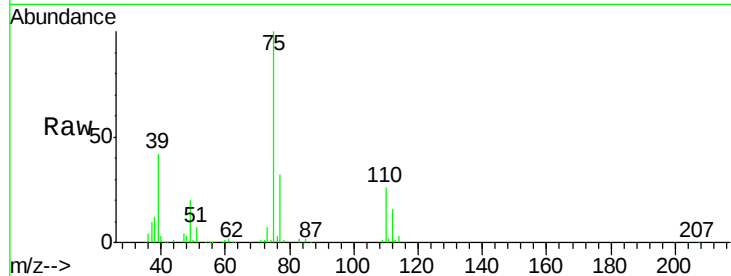
75 100

77 32.2 25.2 37.8

Manual Integrations
APPROVED

MMDadoda

4/2/2020 10:13:02 AM



#54

cis-1,3-Dichloropropene

Concen: 19.804 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

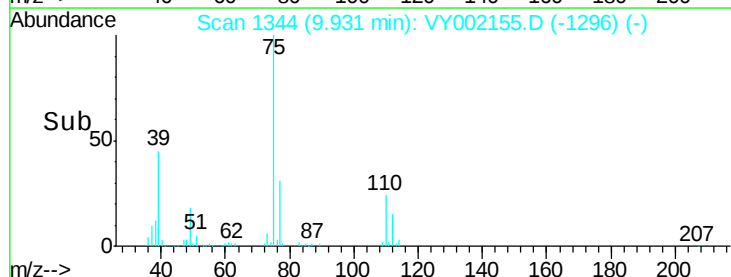
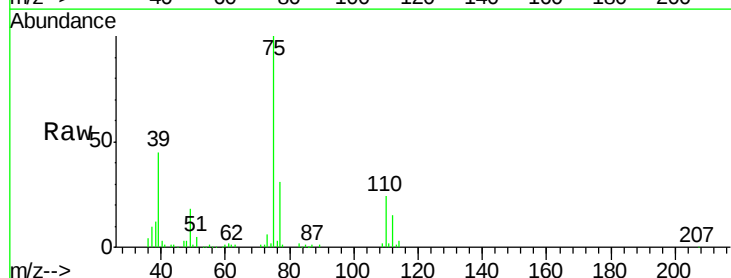
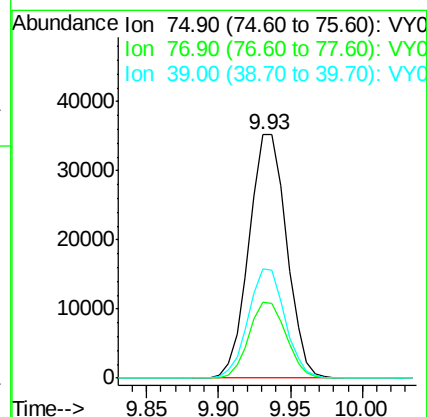
Tgt Ion: 75 Resp: 63567

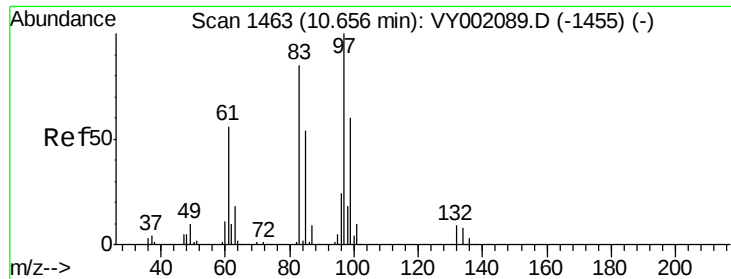
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

39 45.0 35.2 52.8





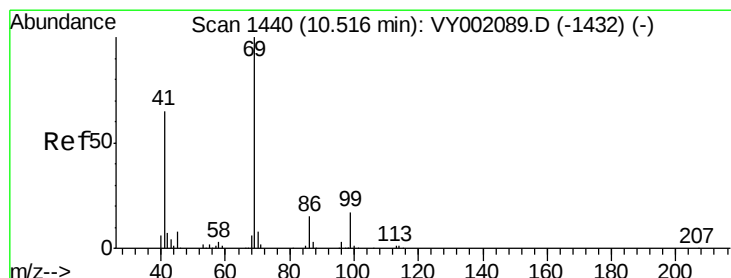
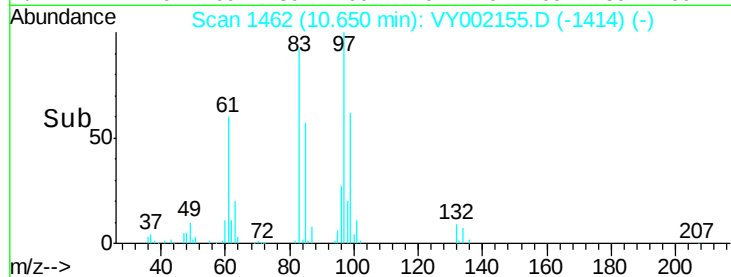
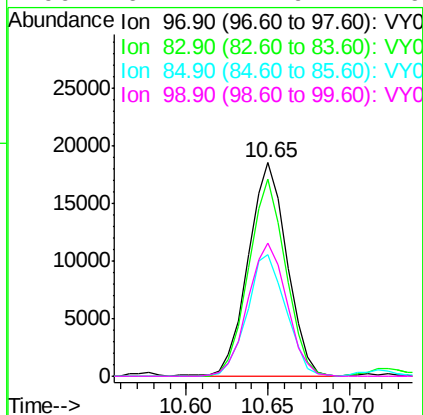
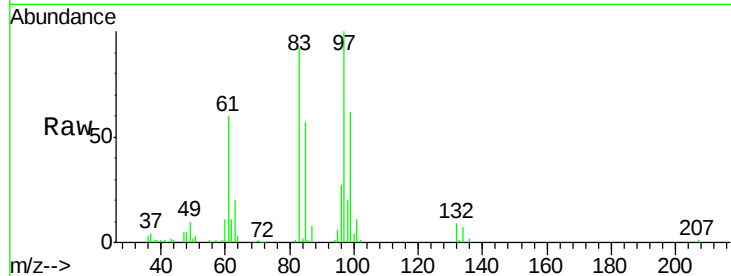
#55
 1,1,2-Trichloroethane
 Concen: 19.606 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Tot Ion:	97	Resp:	30617
Ion	Ratio	Lower	Upper
97	100		
83	92.0	68.2	102.2
85	57.0	42.9	64.3
99	62.1	47.9	71.9

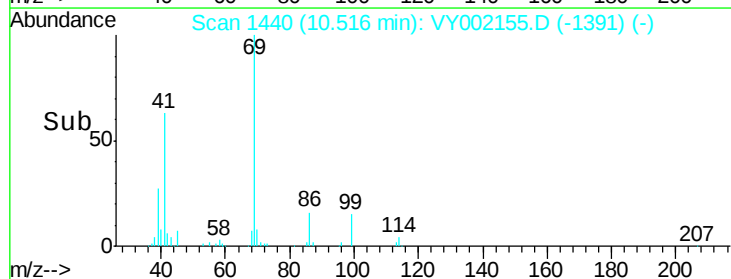
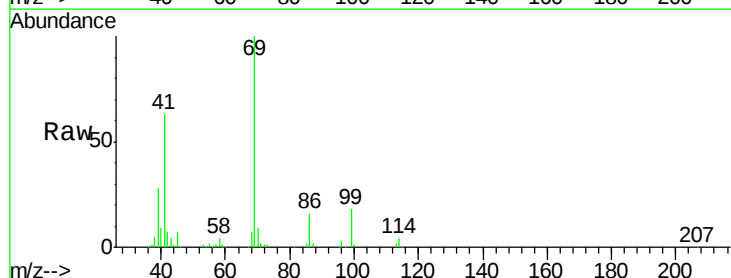
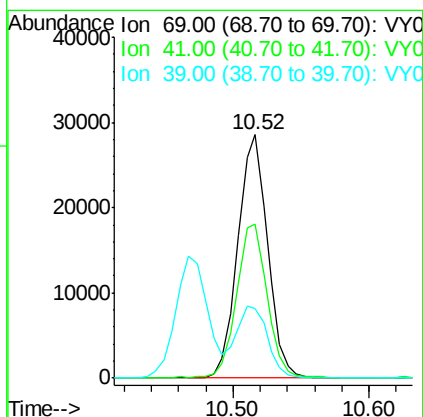
Manual Integrations
 APPROVED

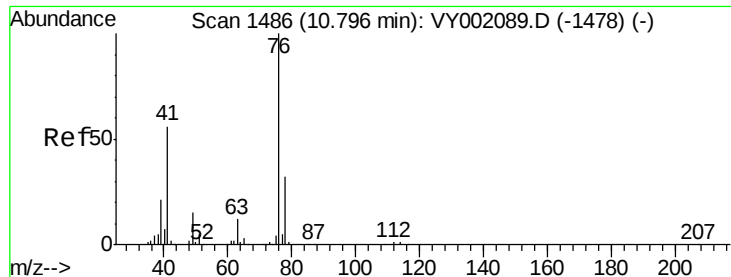
MMDadoda
 4/2/2020 10:13:02 AM



#56
 Ethyl methacrylate
 Concen: 19.107 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion:	69	Resp:	43579
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.8	79.2
39	31.7	25.0	37.6





#57

1,3-Dichloropropane

Concen: 19.780 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

Tot Ion: 76 Resp: 54573

Ion Ratio Lower Upper

76 100

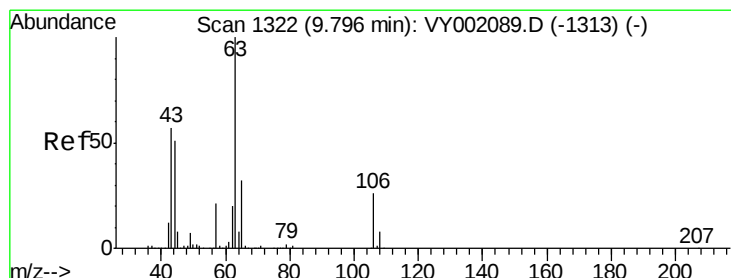
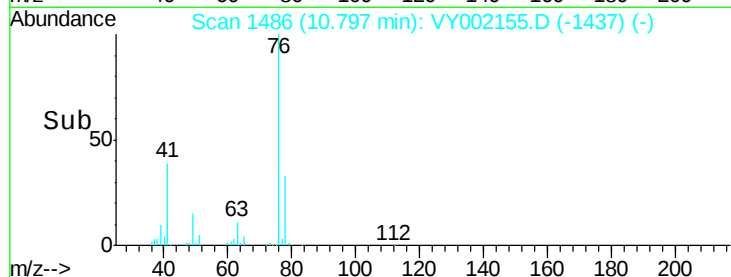
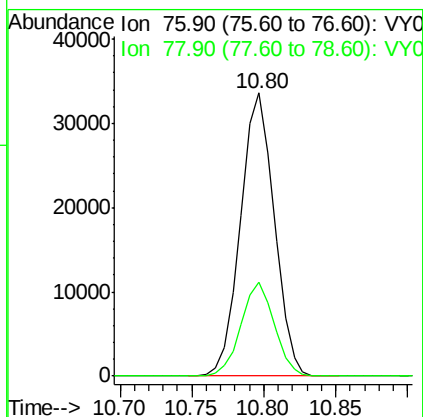
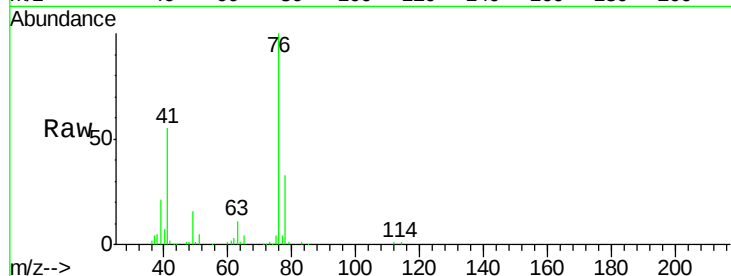
78 32.5 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

4/2/2020 10:13:02 AM



#58

2-Chloroethyl Vinyl ether

Concen: 98.754 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002155.D

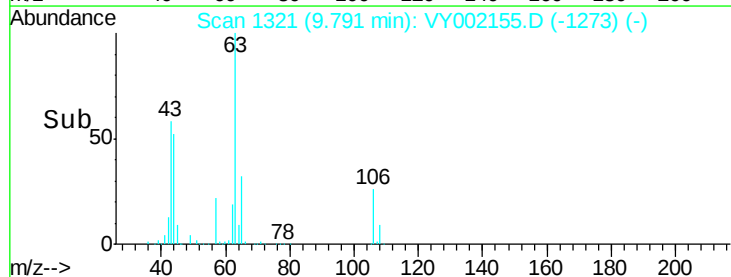
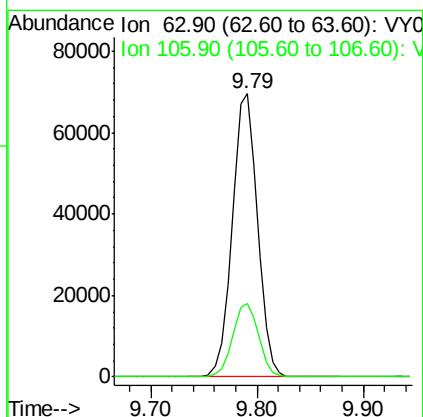
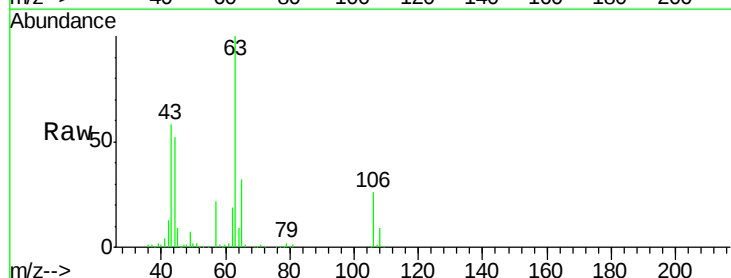
Acq: 01 Apr 2020 12:21

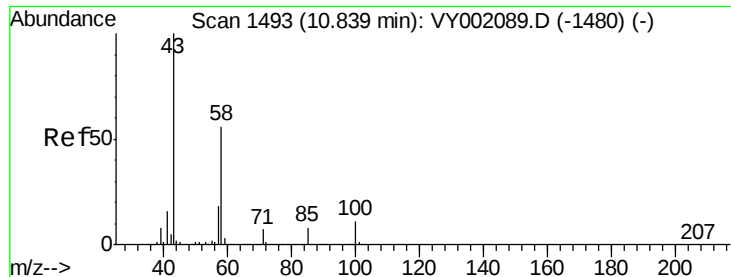
Tgt Ion: 63 Resp: 115738

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4





#59

2-Hexanone

Concen: 92.529 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

Tot Ion: 43 Resp: 102540

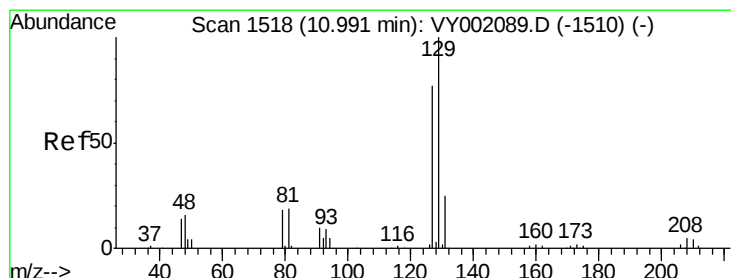
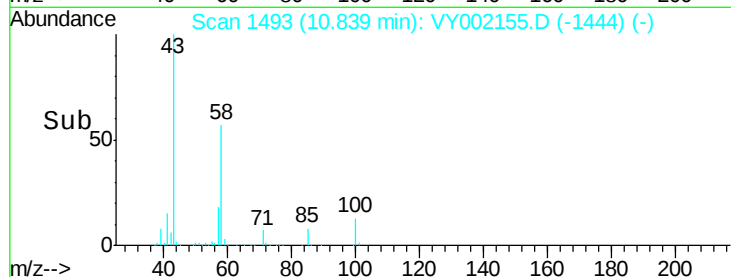
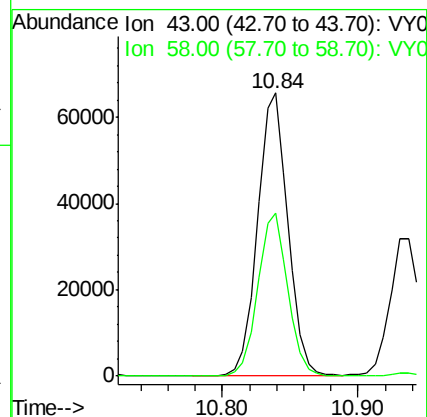
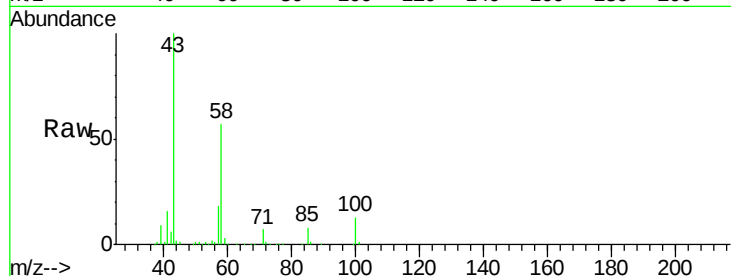
Ion Ratio Lower Upper

43 100

58 56.8 27.9 83.6

Manual Integrations
APPROVED

MMDadoda
4/2/2020 10:13:02 AM



#60

Dibromochloromethane

Concen: 19.766 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VY002155.D

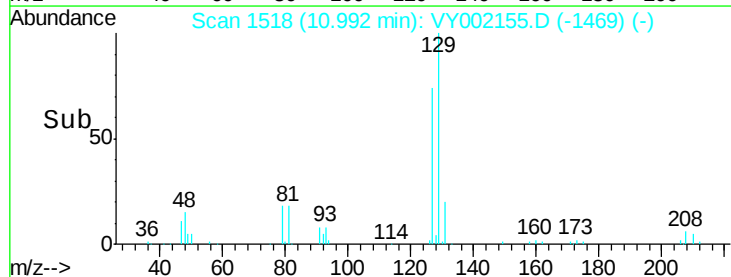
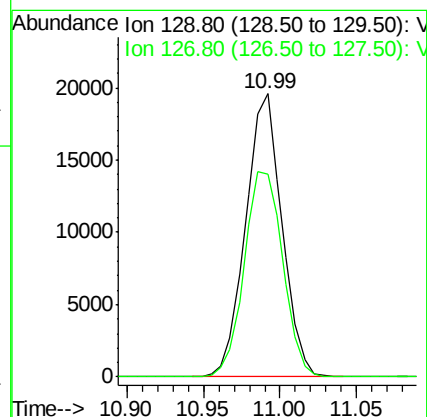
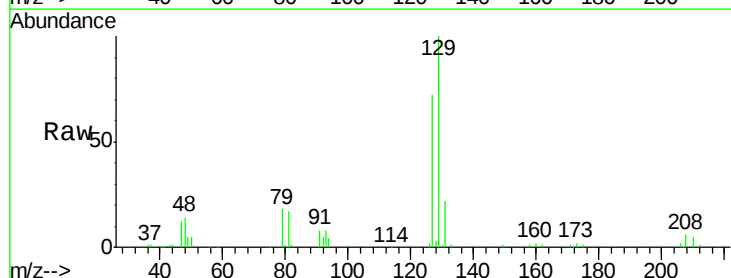
Acq: 01 Apr 2020 12:21

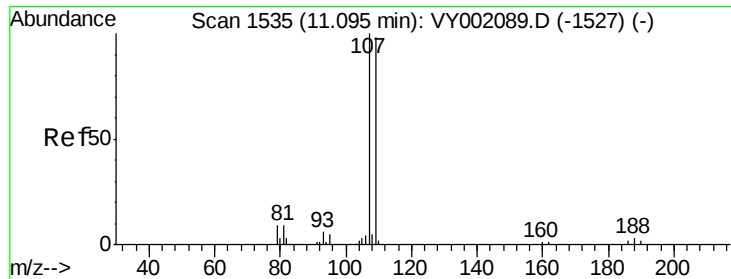
Tgt Ion: 129 Resp: 32299

Ion Ratio Lower Upper

129 100

127 77.0 38.7 116.1





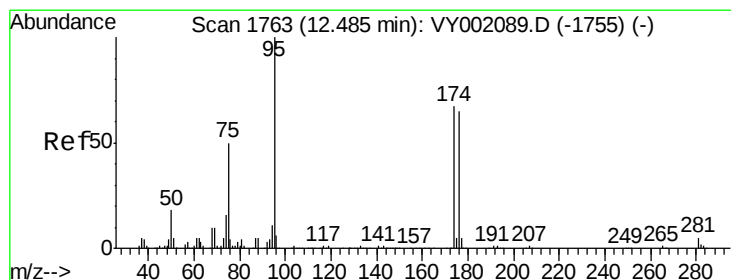
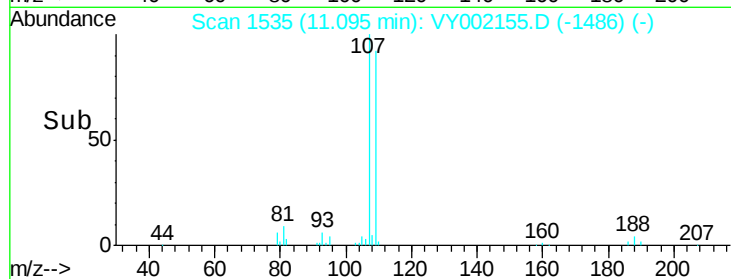
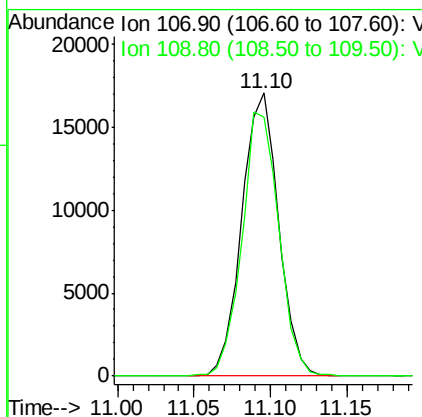
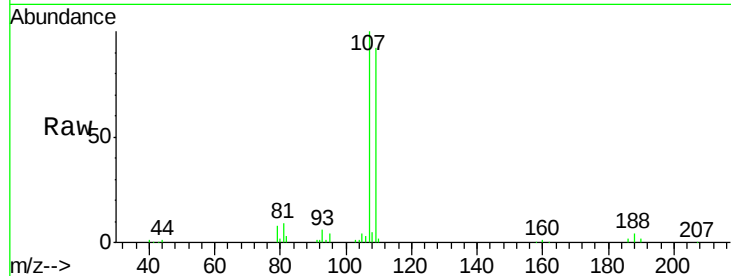
#61
 1,2-Dibromoethane
 Concen: 19.485 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	76.3	114.5

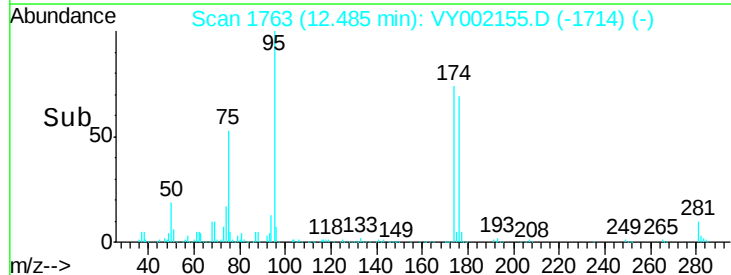
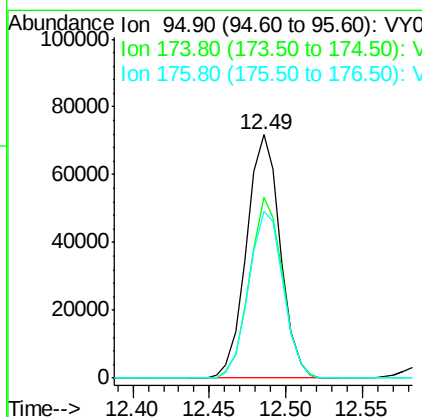
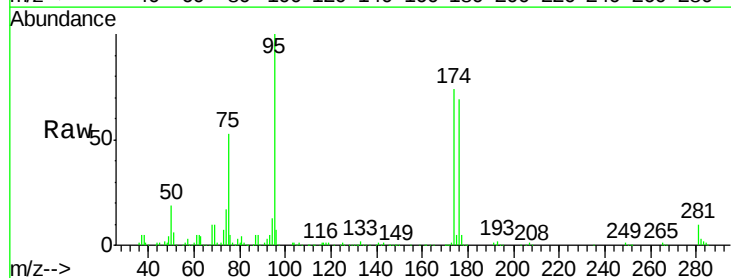
Manual Integrations
 APPROVED

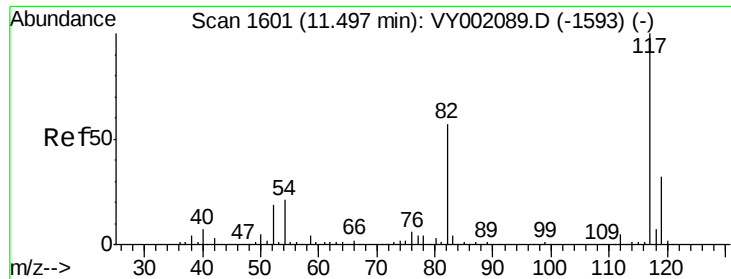
MMDadoda
 4/2/2020 10:13:02 AM



#62
 4-Bromofluorobenzene
 Concen: 46.753 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	143.4
176	70.4	0.0	137.0





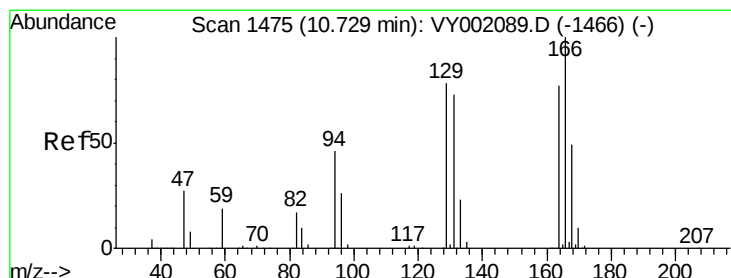
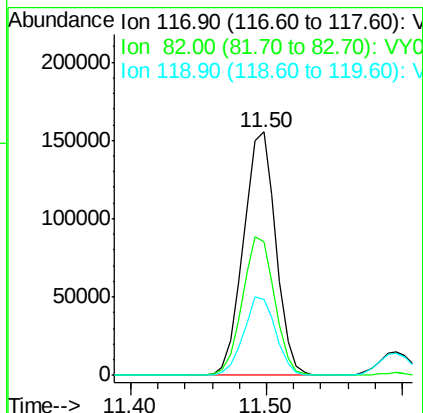
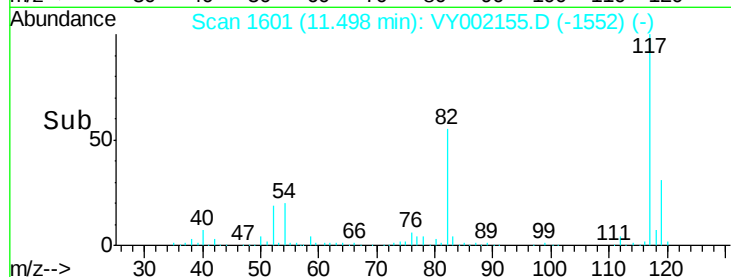
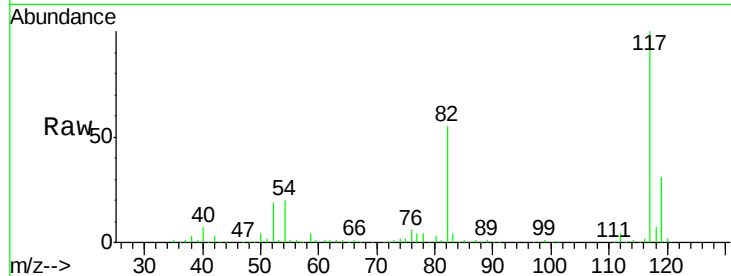
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	258120		
82	55.0		45.4	68.2
119	31.1		25.3	37.9

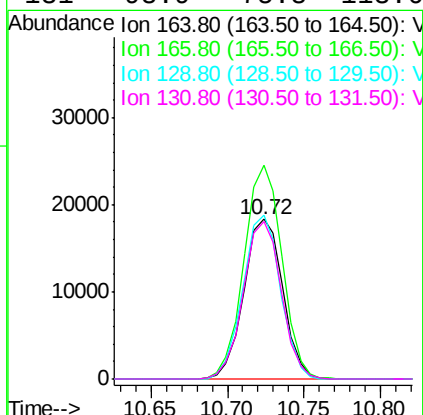
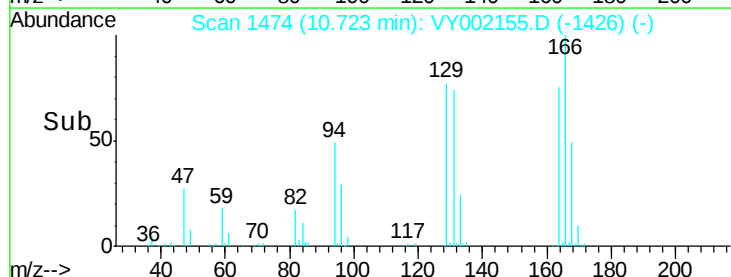
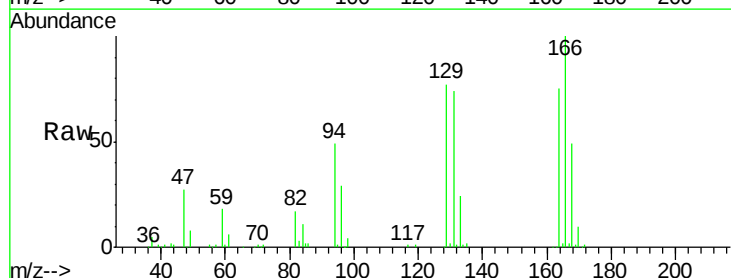
Manual Integrations
APPROVED

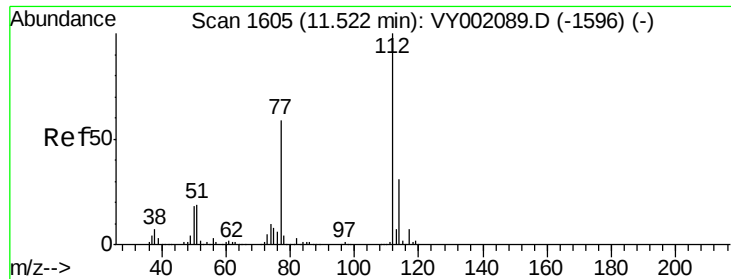
MMDadoda
4/2/2020 10:13:02 AM



#64
Tetrachloroethene
Concen: 20.431 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	32265		
166	133.7		104.0	156.0
129	102.7		81.2	121.8
131	98.9		75.8	113.6





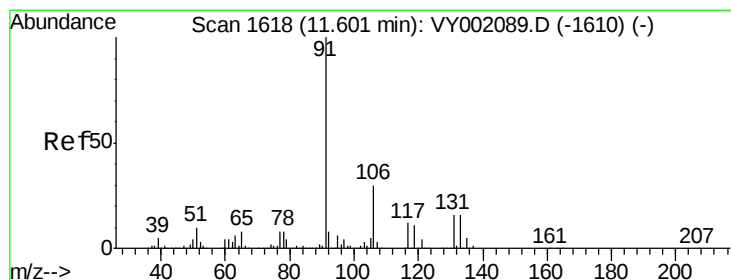
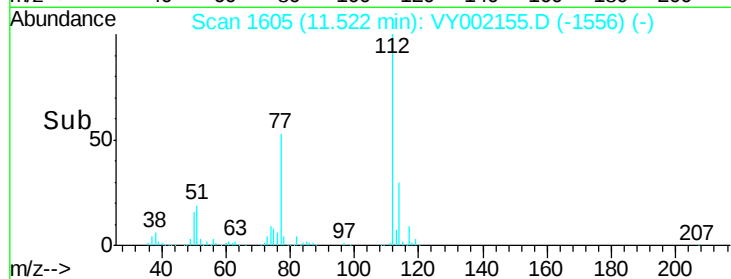
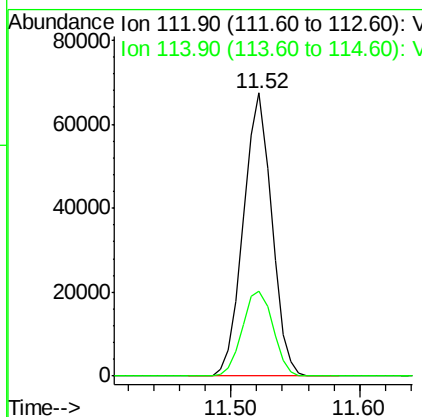
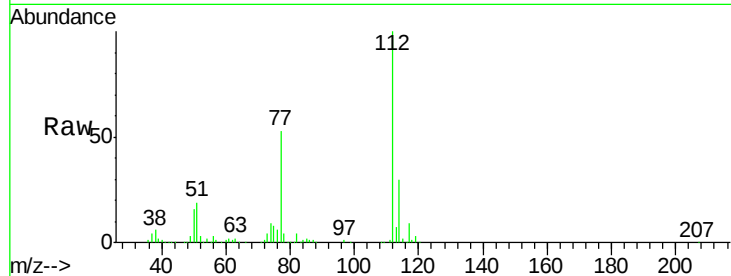
#65
Chlorobenzene
Concen: 20.575 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampled :
VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.2	24.9	37.3

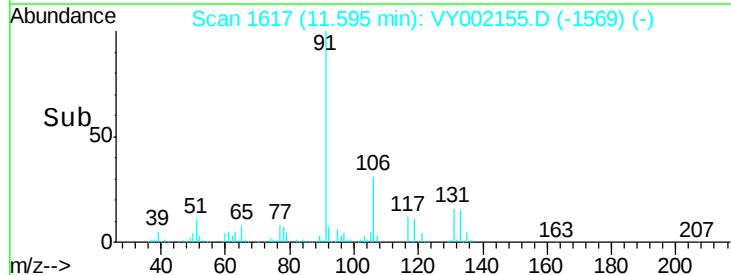
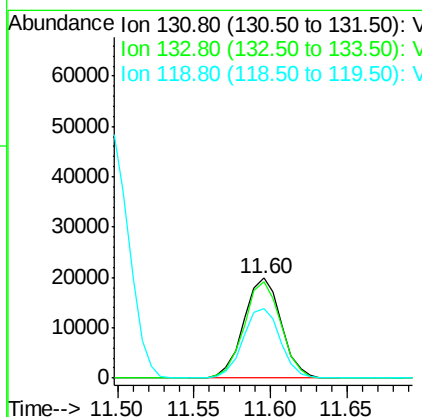
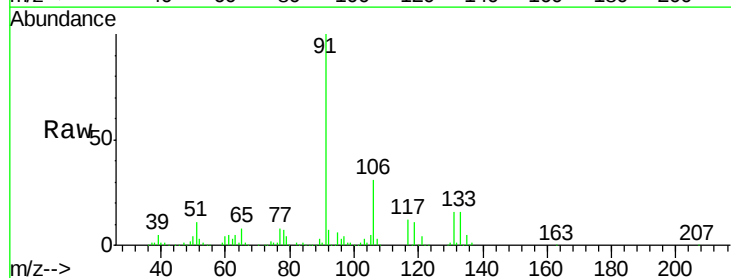
Manual Integrations
APPROVED

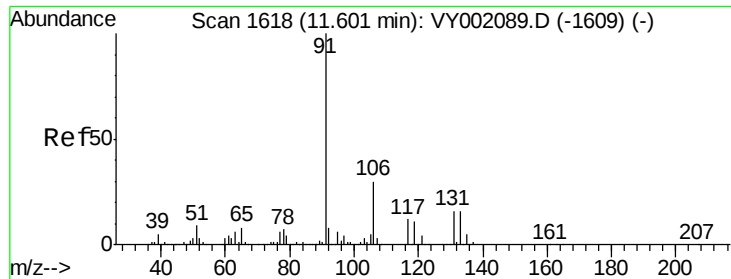
MMDadoda
4/2/2020 10:13:02 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.303 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.5	142.5
119	69.1	34.6	103.9





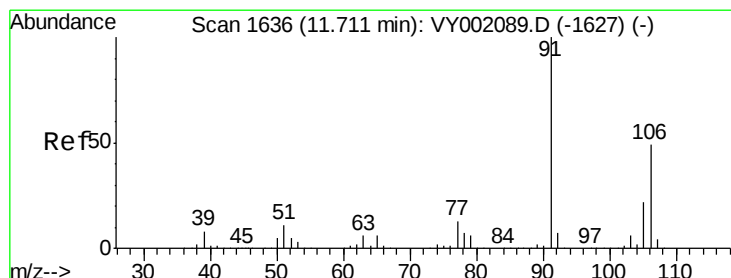
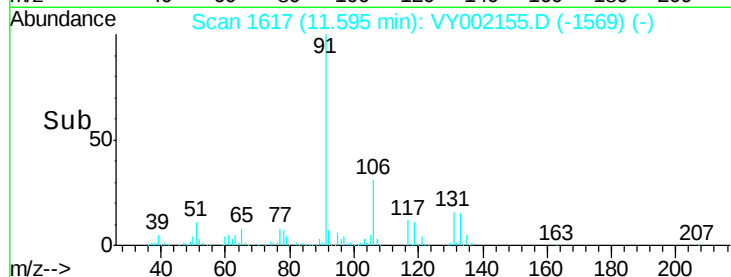
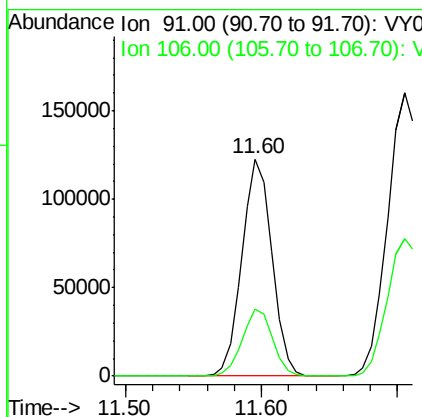
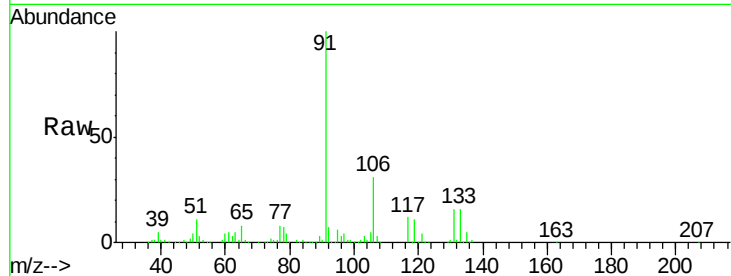
#67
Ethyl Benzene
Concen: 20.522 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

Tot Ion: 91 Resp: 189913
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1

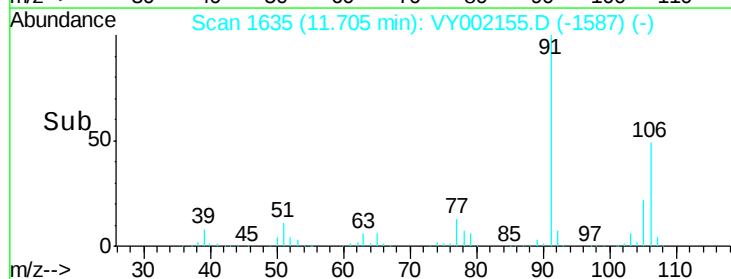
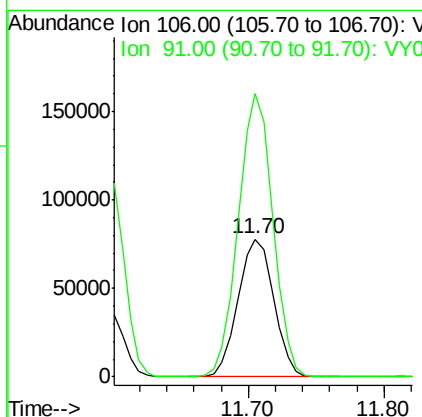
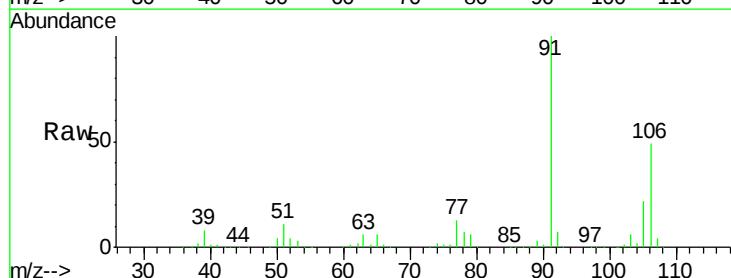
Manual Integrations
APPROVED

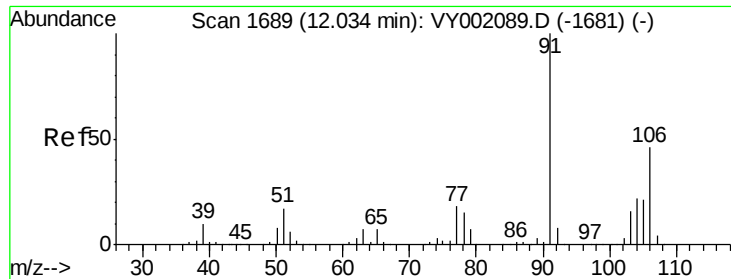
MMDadoda
4/2/2020 10:13:02 AM



#68
m/p-Xylenes
Concen: 41.717 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion: 106 Resp: 142734
Ion Ratio Lower Upper
106 100
91 199.1 162.8 244.2





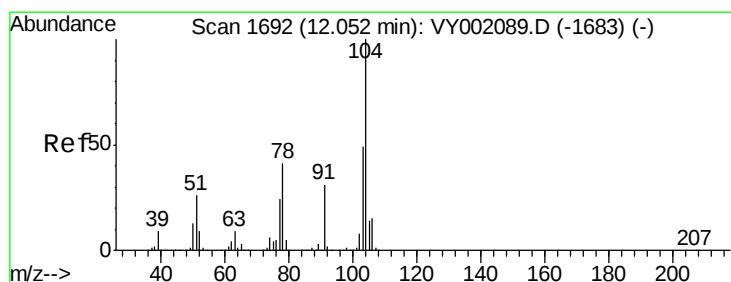
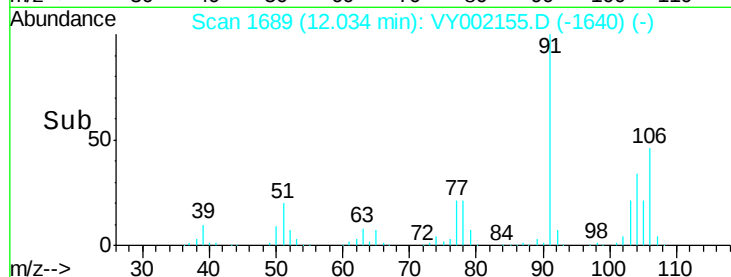
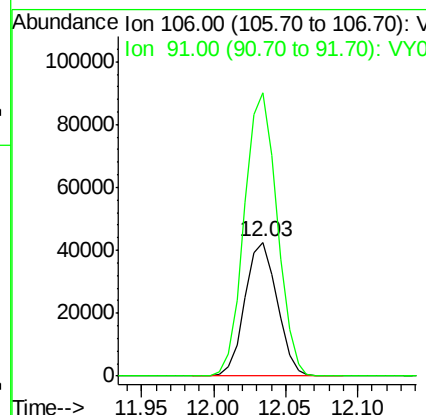
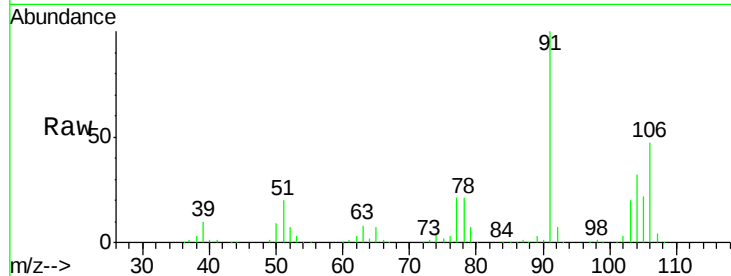
#69
o-Xylene
Concen: 20.338 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion:106 Resp: 66012
Ion Ratio Lower Upper
106 100
91 215.0 107.3 321.8

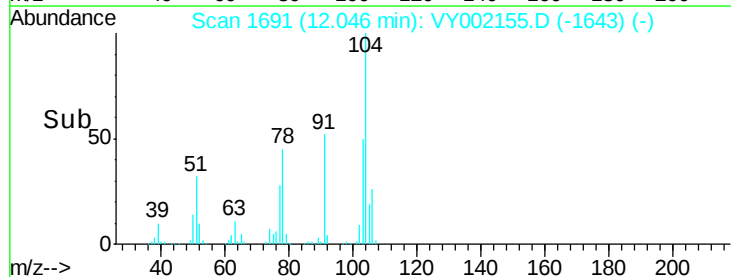
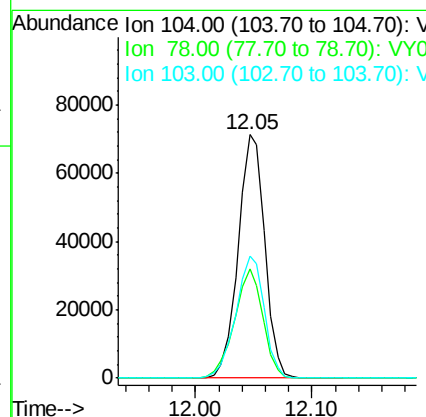
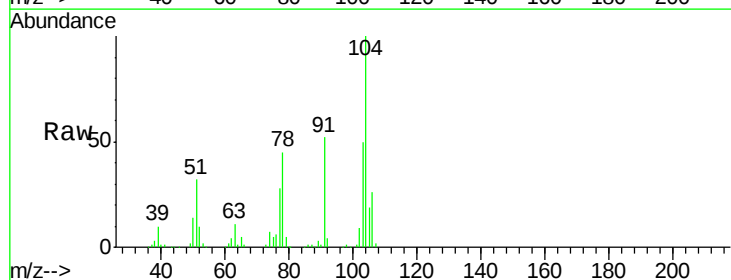
Manual Integrations
APPROVED

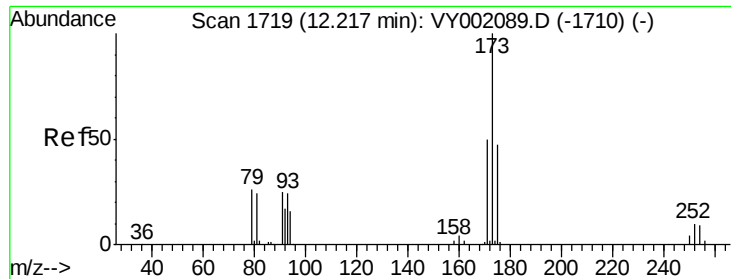
MMDadoda
4/2/2020 10:13:02 AM



#70
Styrene
Concen: 20.134 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion:104 Resp: 113236
Ion Ratio Lower Upper
104 100
78 47.9 37.9 56.9
103 53.6 43.2 64.8





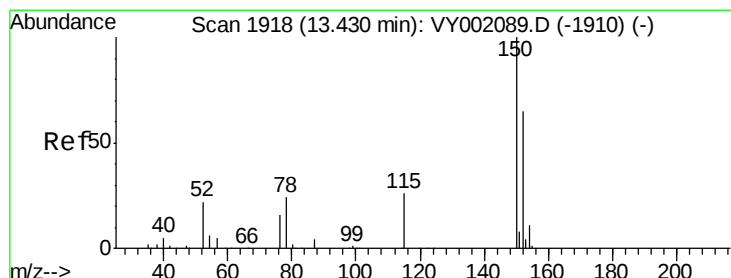
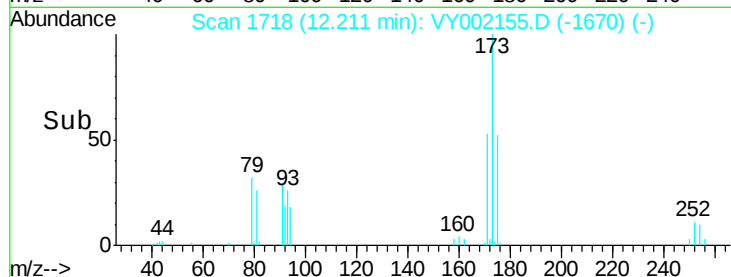
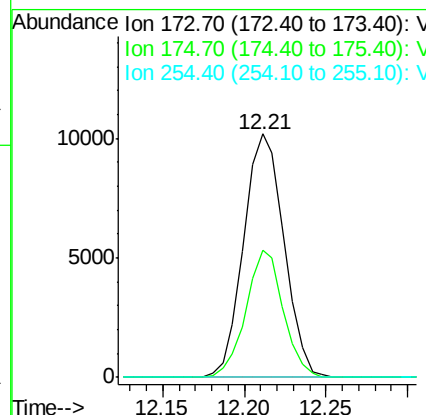
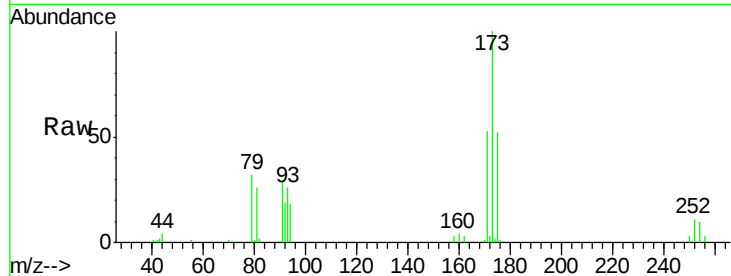
#71
Bromoform
Concen: 19.158 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.9	71.8
254	0.0	0.0	0.0

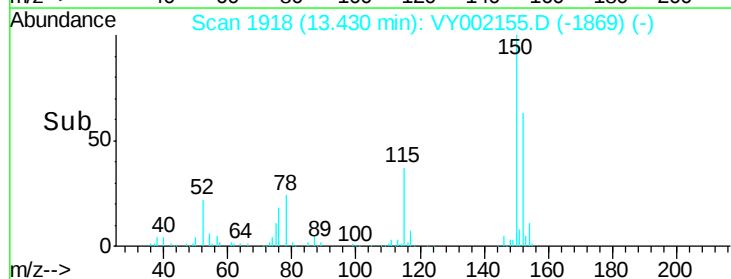
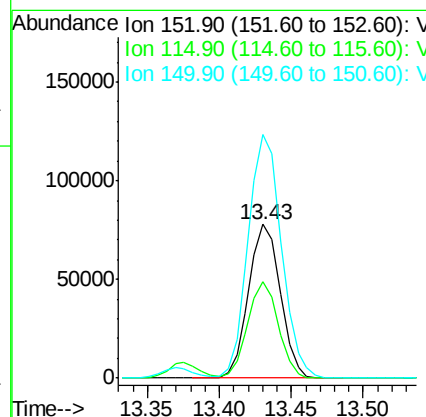
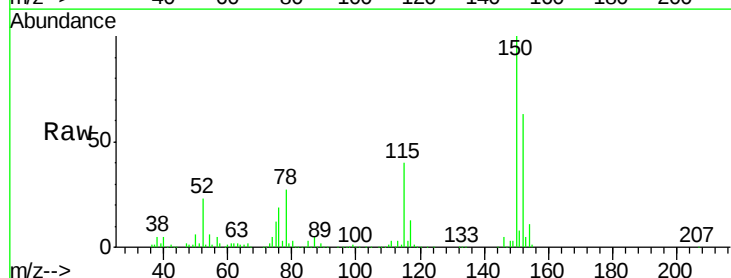
Manual Integrations
APPROVED

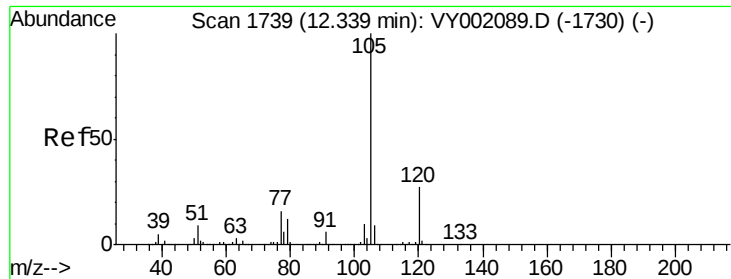
MMDadoda
4/2/2020 10:13:02 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.2	93.6
150	166.2	0.0	354.8





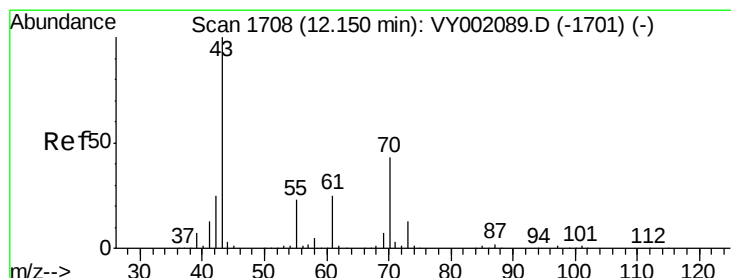
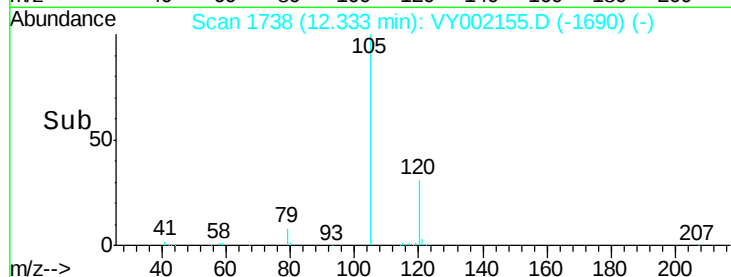
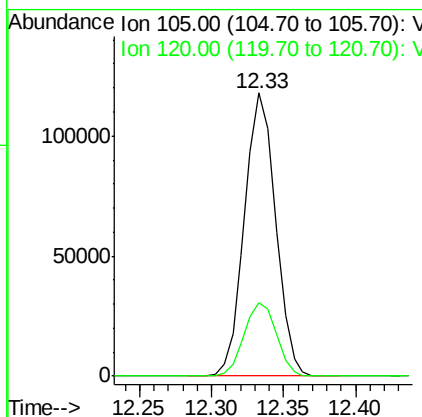
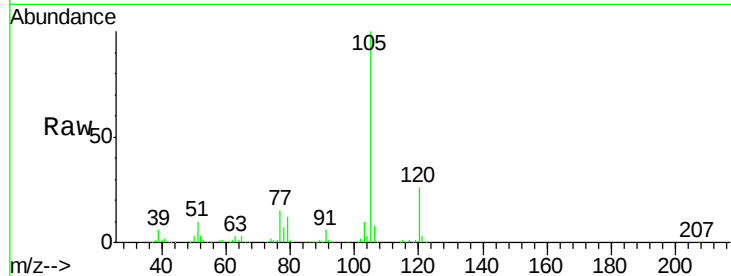
#73
Isopropylbenzene
Concen: 20.066 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.8

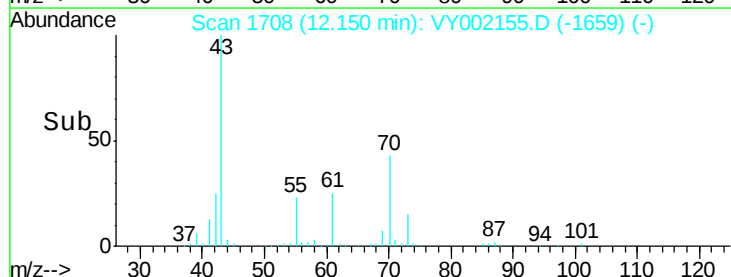
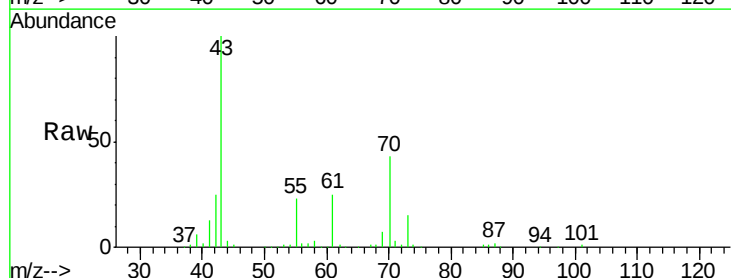
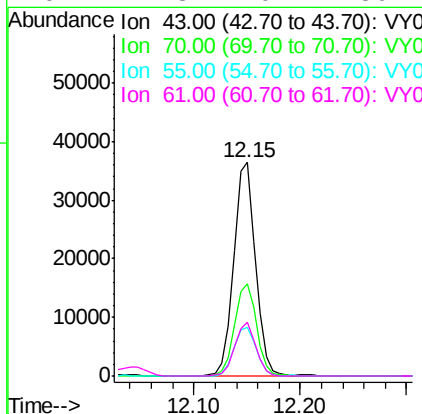
Manual Integrations
APPROVED

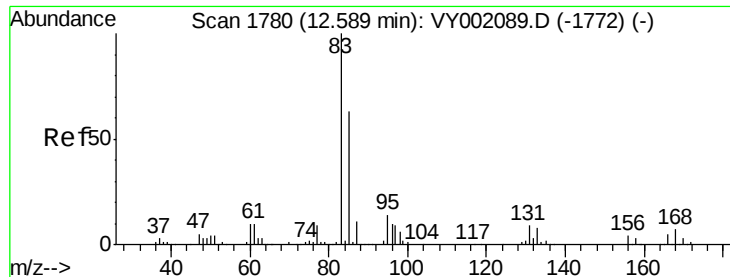
MMDadoda
4/2/2020 10:13:02 AM



#74
N-ethyl acetate
Concen: 18.857 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.9	35.0	52.4
55	23.6	18.7	28.1
61	24.3	20.2	30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.119 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

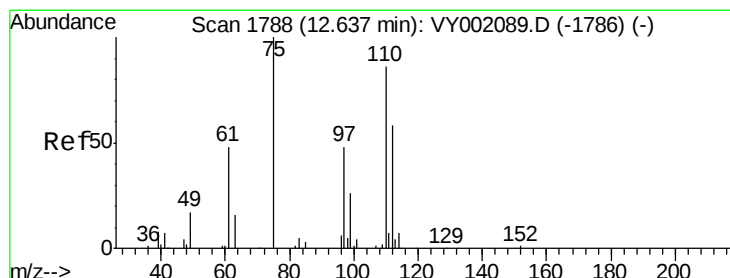
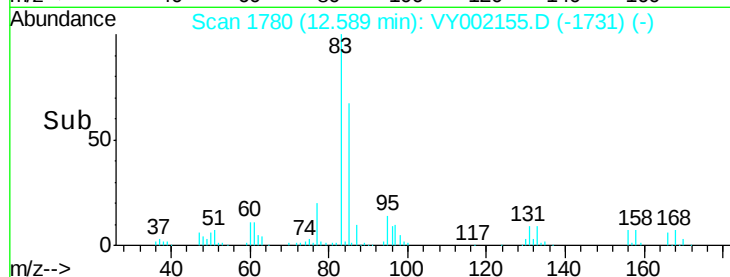
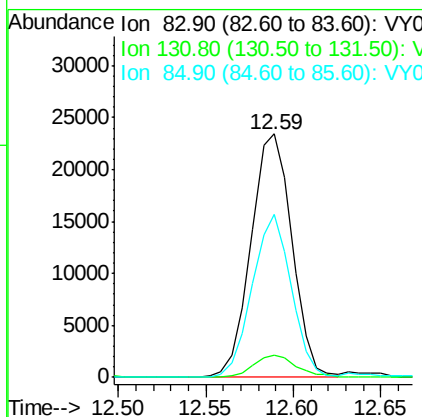
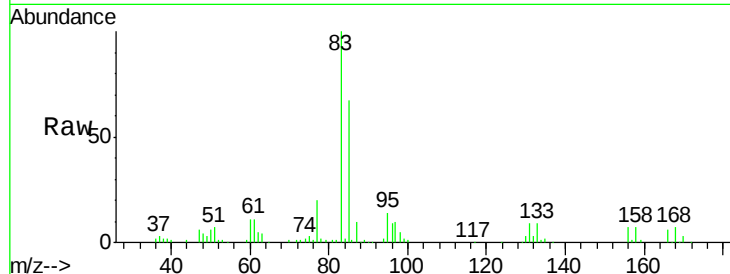
ClientSampleId :

VY0401SBSD01

Tot Ion:	83	Resp:	38156
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.7	14.1
85	63.9	32.4	97.0

Manual Integrations
APPROVED

MMDadoda
4/2/2020 10:13:02 AM



#76

1,2,3-Trichloropropane

Concen: 19.033 ug/l m

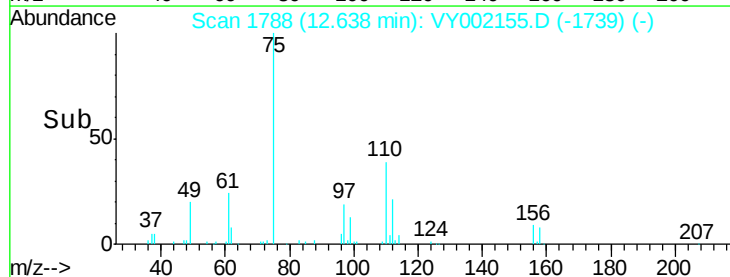
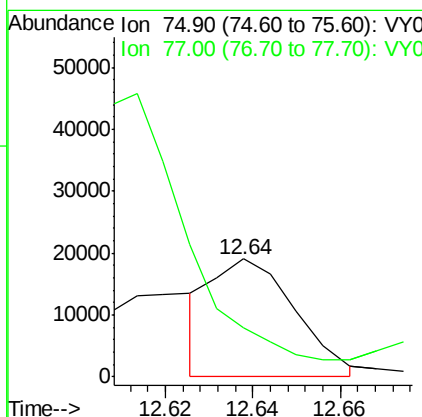
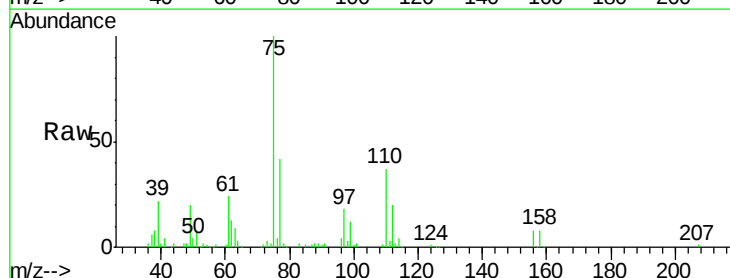
RT: 12.64 min Scan# 1788

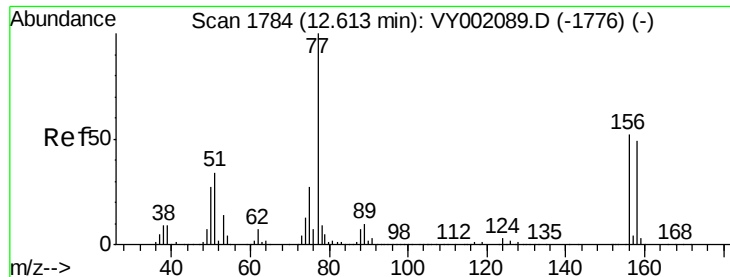
Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Tgt Ion:	75	Resp:	25295
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.325 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

Tot Ion:156 Resp: 38240

Ion Ratio Lower Upper

156 100

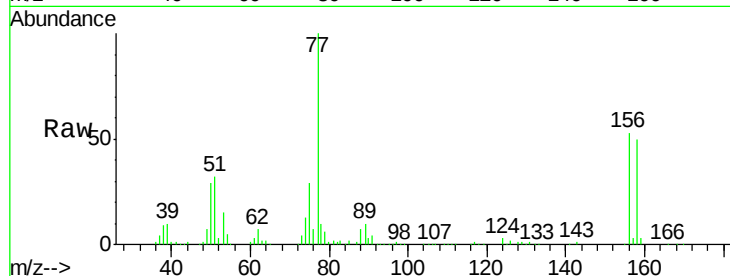
77 214.8 107.8 323.6

158 96.1 47.5 142.6

Manual Integrations
APPROVED

MMDadoda

4/2/2020 10:13:02 AM

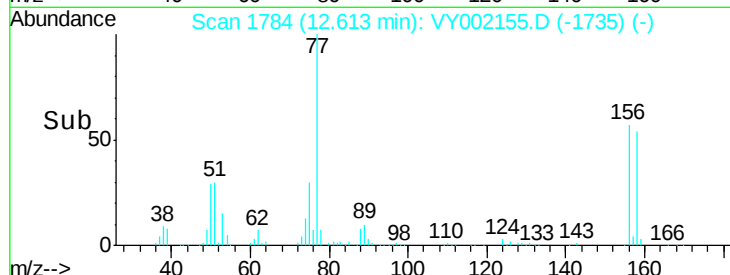


Abundance Ion 155.80 (155.50 to 156.50): VY002089.D (-1776) (-)

Ion 77.00 (76.70 to 77.70): VY002089.D (-1776) (-)

Ion 157.80 (157.50 to 158.50): VY002089.D (-1776) (-)

Time-->



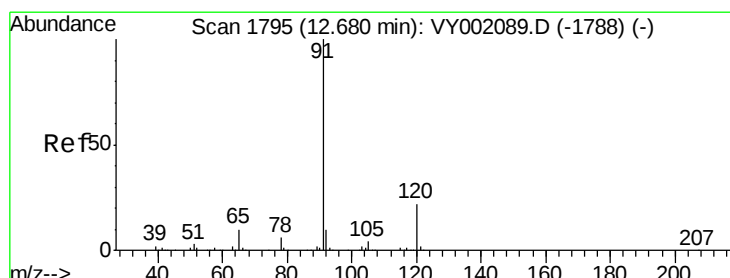
Abundance

Ion 155.80 (155.50 to 156.50): VY002089.D (-1776) (-)

Ion 77.00 (76.70 to 77.70): VY002089.D (-1776) (-)

Ion 157.80 (157.50 to 158.50): VY002089.D (-1776) (-)

Time-->



#78

n-propylbenzene

Concen: 20.429 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002155.D

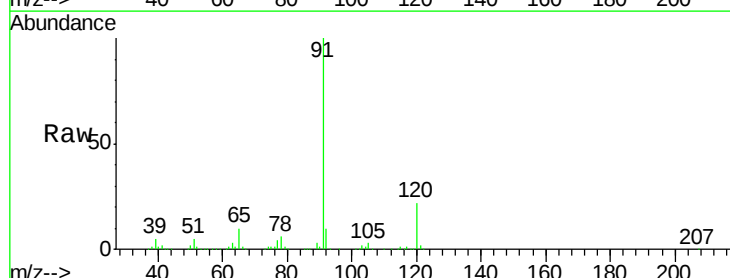
Acq: 01 Apr 2020 12:21

Tgt Ion: 91 Resp: 223442

Ion Ratio Lower Upper

91 100

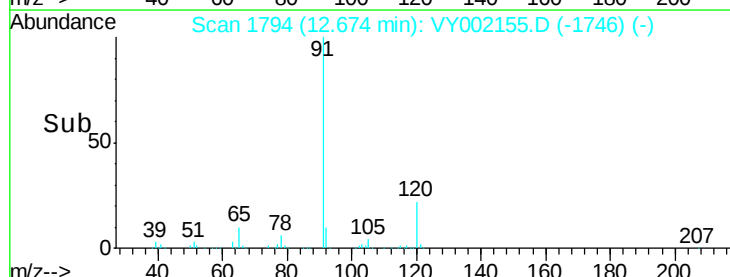
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1788) (-)

Ion 120.00 (119.70 to 120.70): VY002089.D (-1788) (-)

Time-->

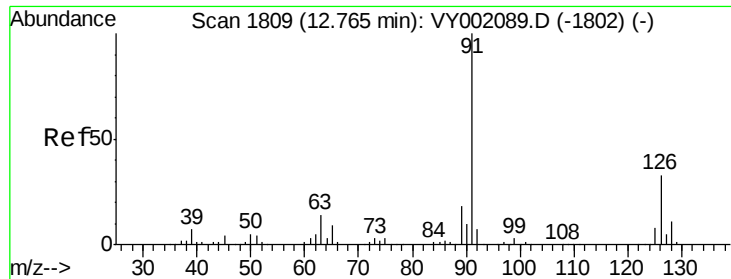


Abundance

Ion 91.00 (90.70 to 91.70): VY002089.D (-1788) (-)

Ion 120.00 (119.70 to 120.70): VY002089.D (-1788) (-)

Time-->



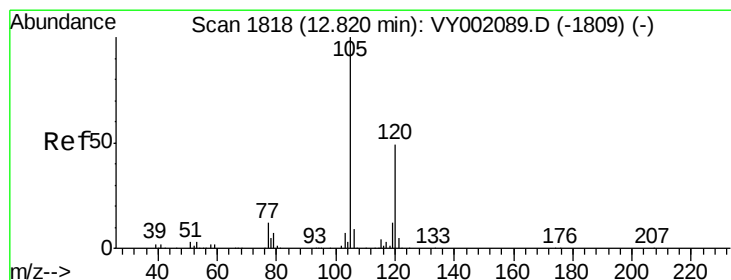
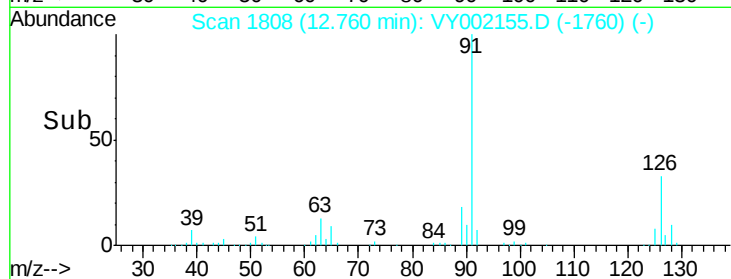
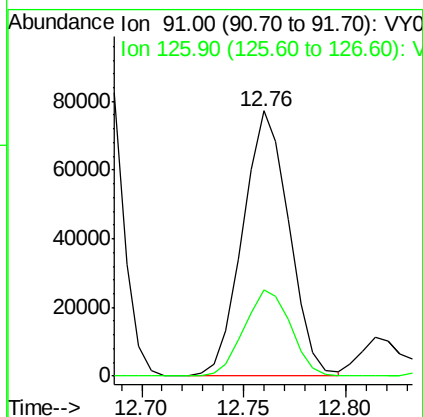
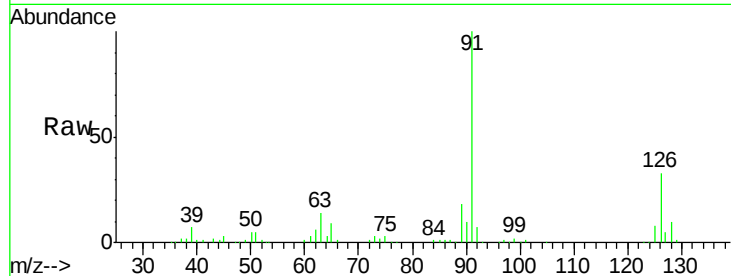
#79
 2-Chlorotoluene
 Concen: 20.309 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Tot Ion: 91 Resp: 121963
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.1

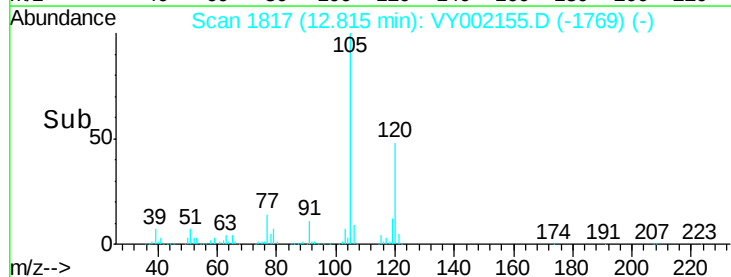
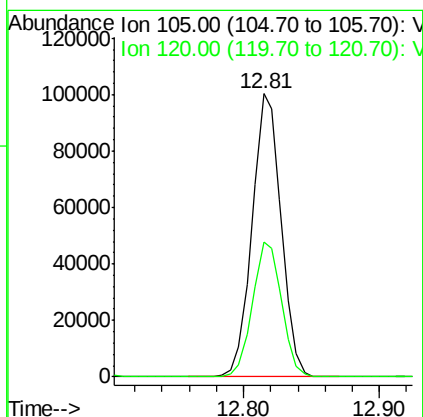
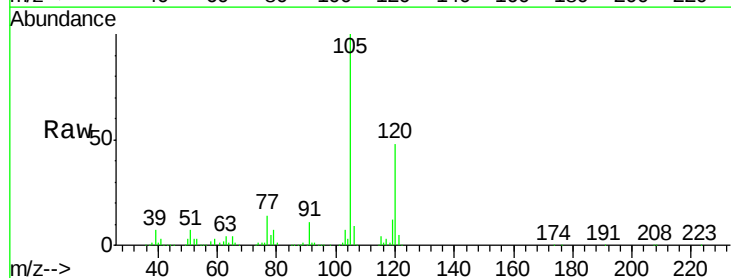
Manual Integrations
 APPROVED

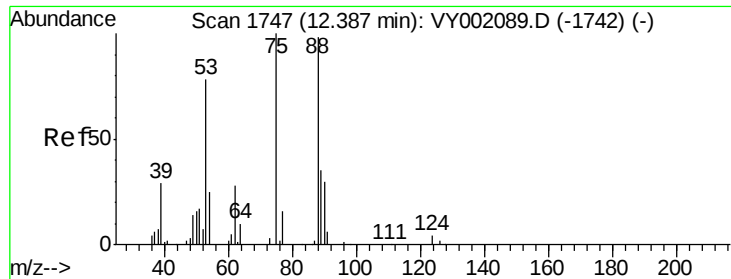
MMDadoda
 4/2/2020 10:13:02 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.632 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion: 105 Resp: 150023
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.4





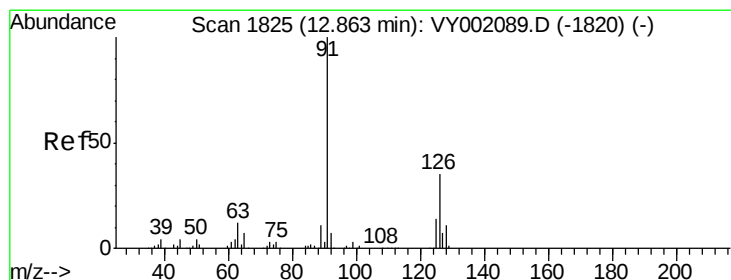
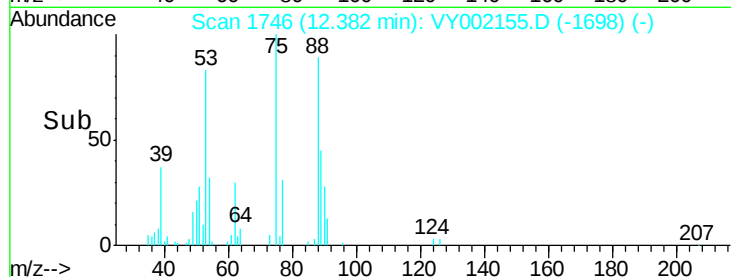
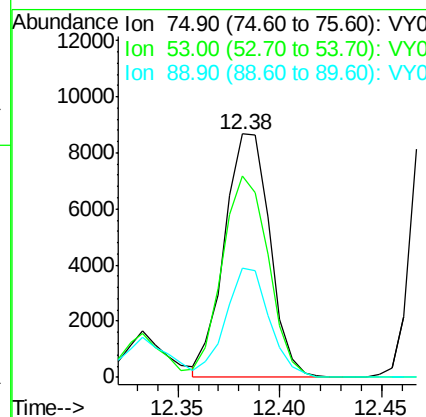
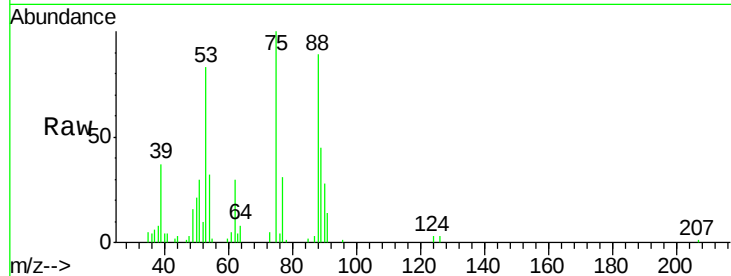
#81
trans-1,4-Dichloro-2-butene
Concen: 19.536 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.7	65.0	97.4
89	43.1	33.4	50.0

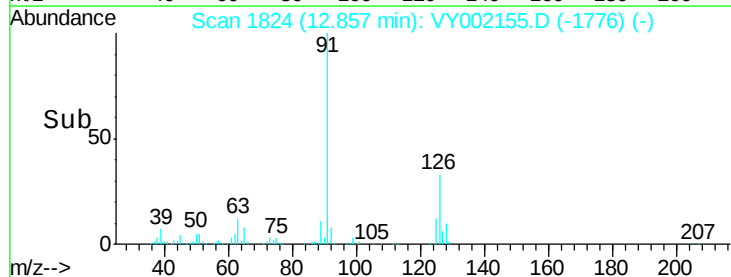
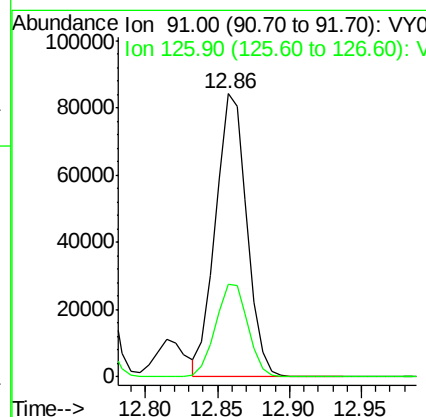
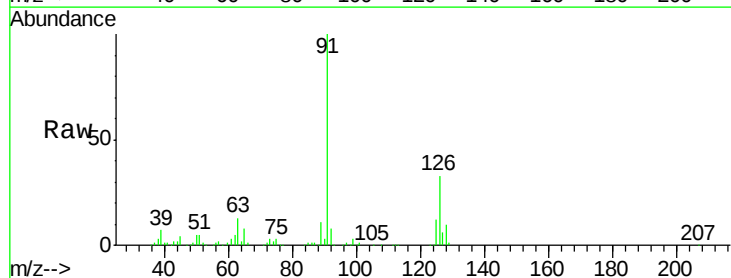
Manual Integrations
APPROVED

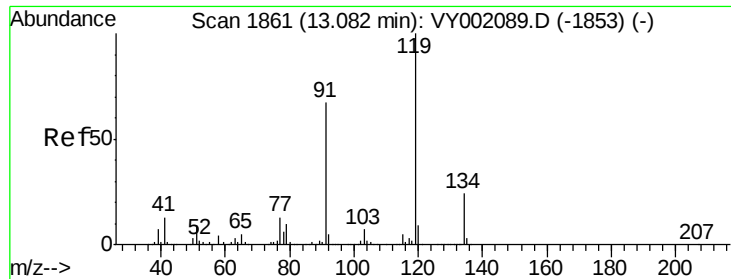
MMDadoda
4/2/2020 10:13:02 AM



#82
4-Chlorotoluene
Concen: 20.209 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.3	48.9





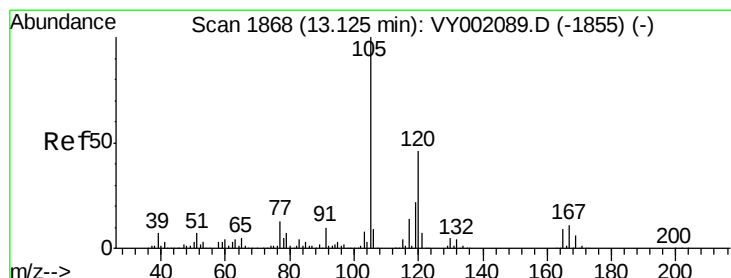
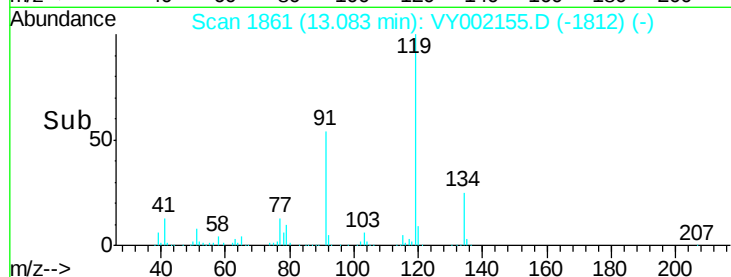
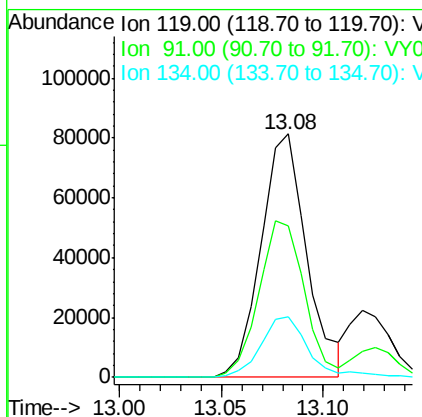
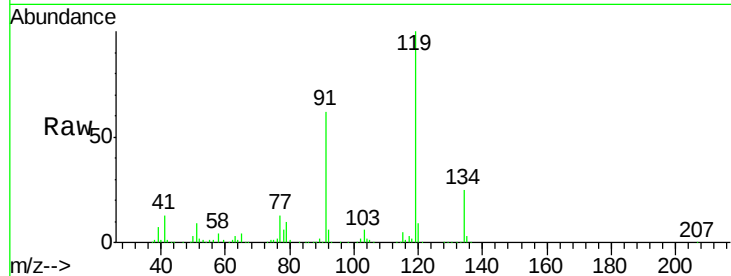
#83
tert-Butylbenzene
Concen: 20.935 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.9	98.6
134	26.3	13.0	38.9

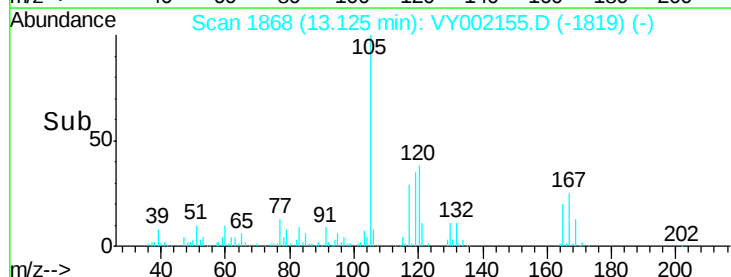
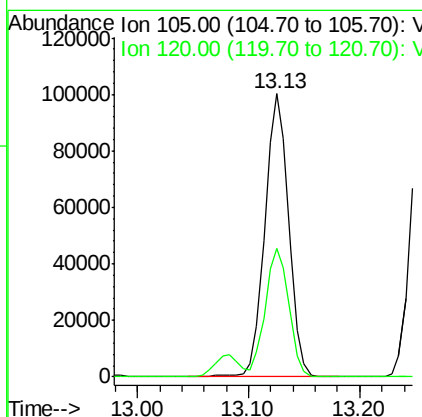
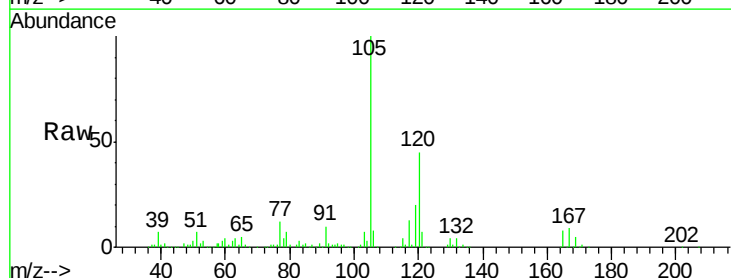
Manual Integrations
APPROVED

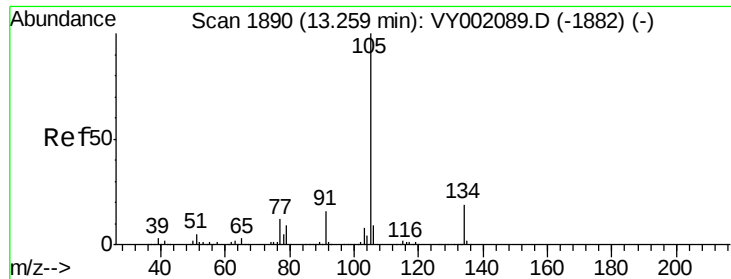
MMDadoda
4/2/2020 10:13:02 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.589 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.9	68.5





#85

sec-Butylbenzene

Concen: 20.593 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

Tot Ion:105 Resp: 185135

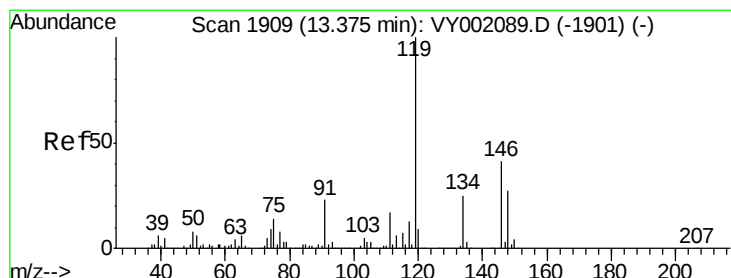
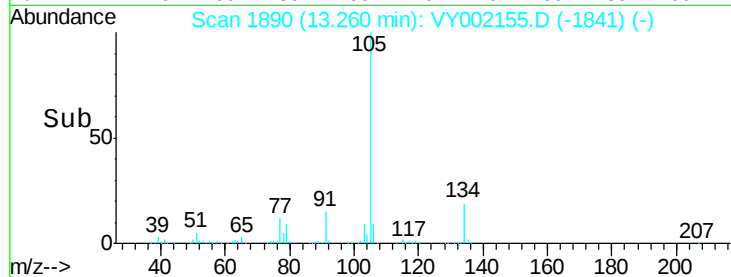
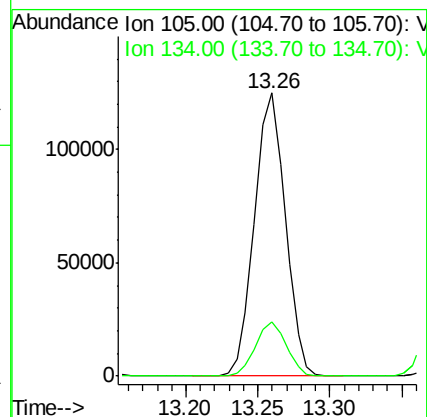
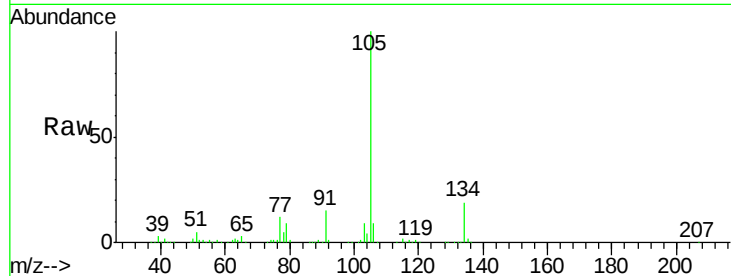
Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1

Manual Integrations
APPROVED

MMDadoda
4/2/2020 10:13:02 AM



#86

p-Isopropyltoluene

Concen: 20.806 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

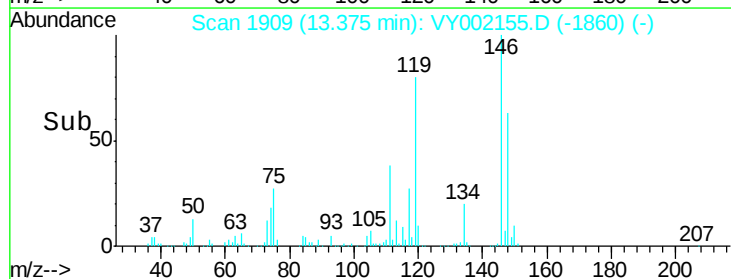
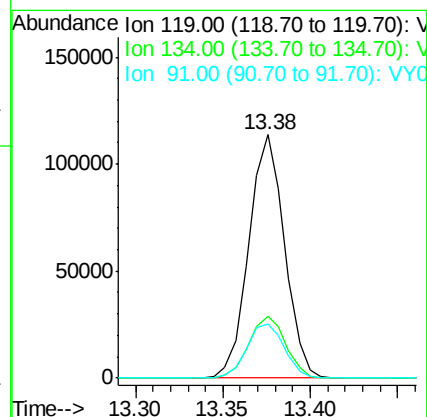
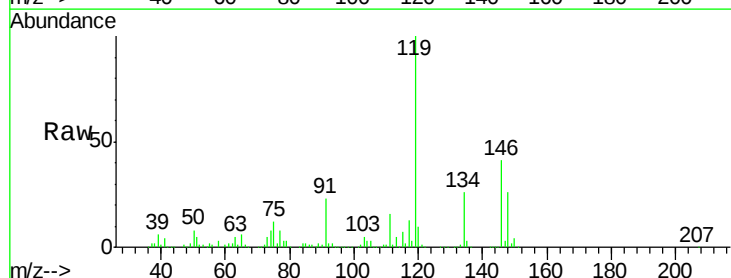
Tgt Ion:119 Resp: 160625

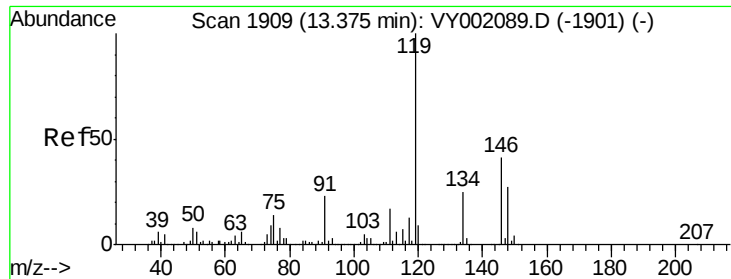
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.5 11.8 35.3





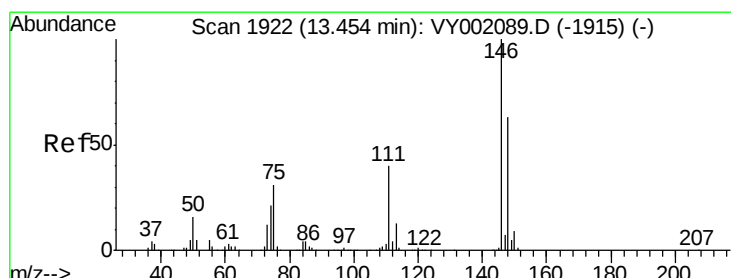
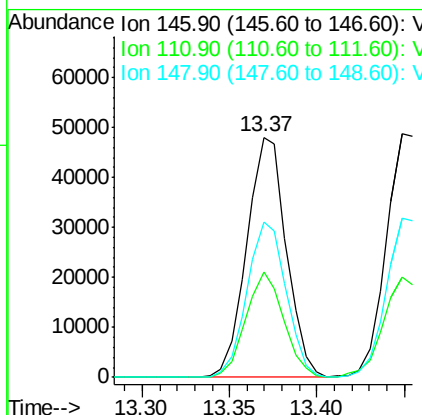
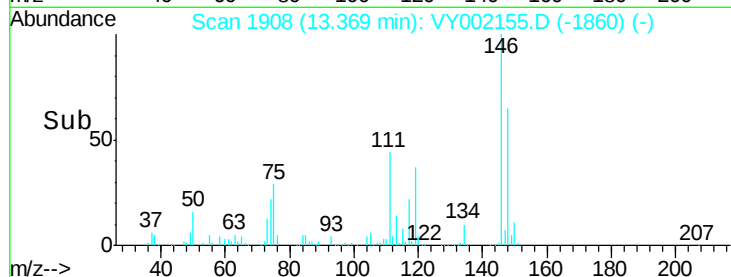
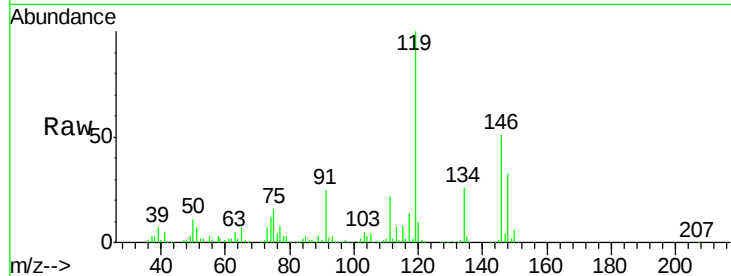
#87
 1,3-Dichlorobenzene
 Concen: 20.455 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.9	62.8
148	64.3	32.1	96.5

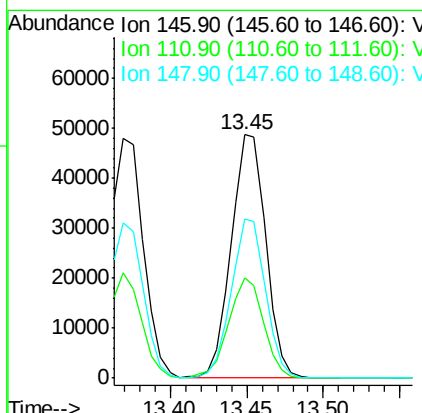
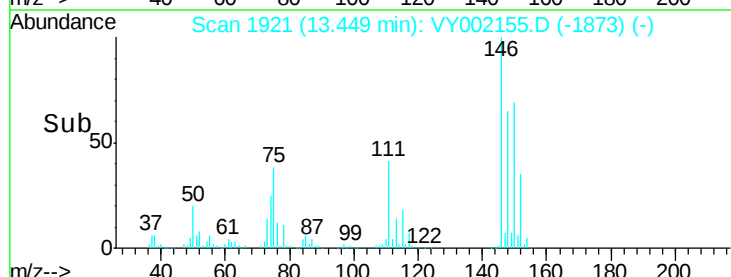
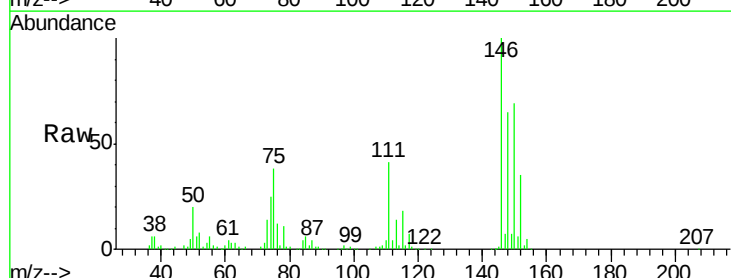
Manual Integrations
 APPROVED

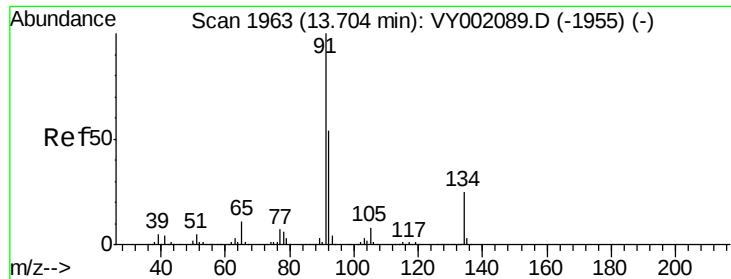
MMDadoda
 4/2/2020 10:13:02 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.604 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	60.9
148	64.7	31.5	94.5





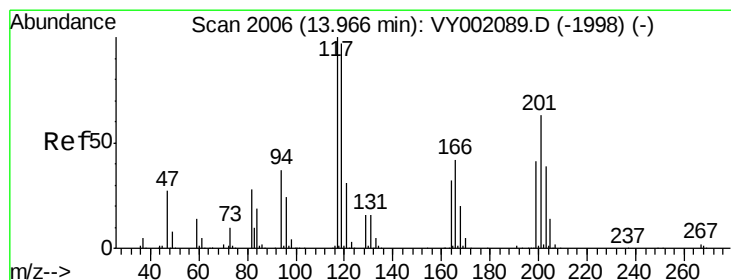
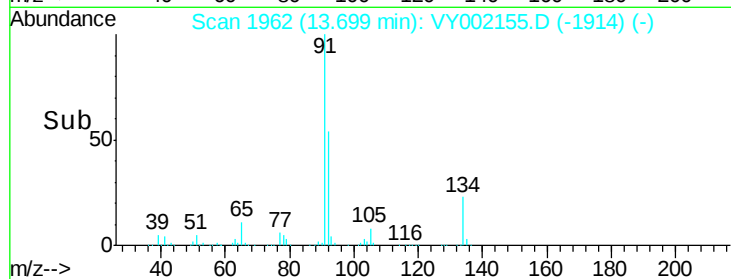
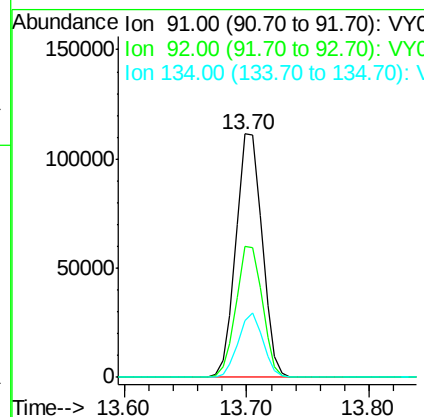
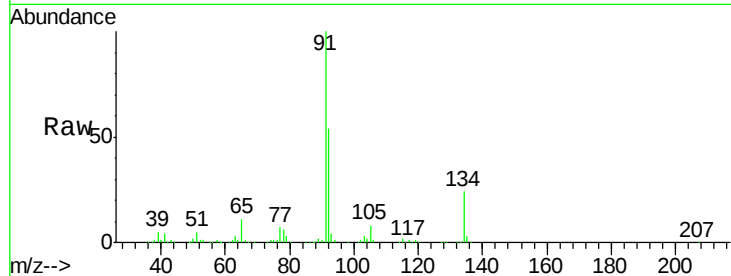
#89
n-Butylbenzene
Concen: 20.443 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	164444		
92	54.1	27.0	81.0	
134	25.0	12.3	36.8	

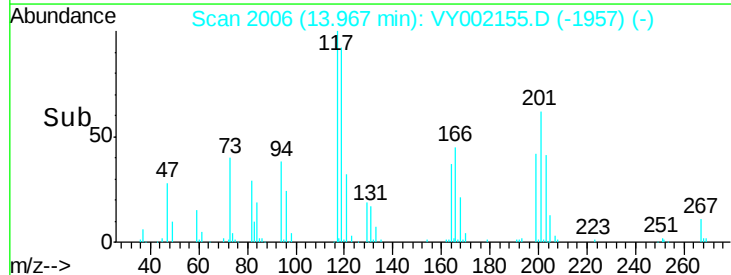
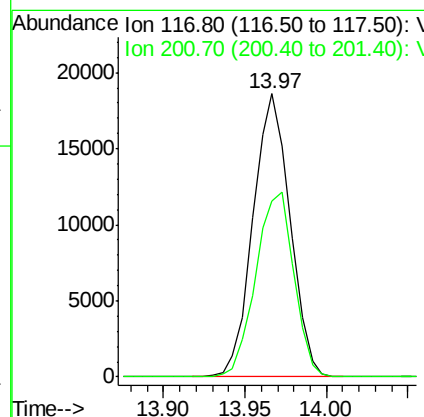
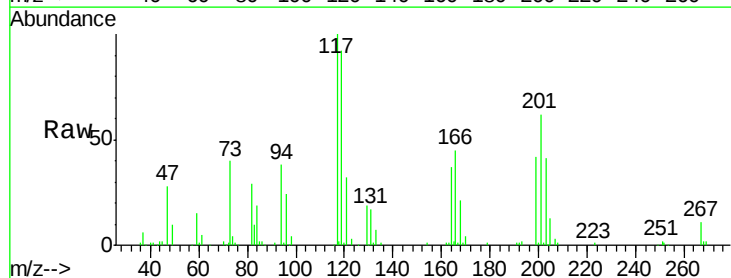
Manual Integrations
APPROVED

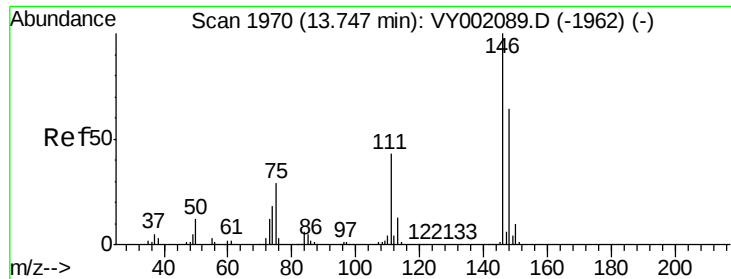
MMDadoda
4/2/2020 10:13:02 AM



#90
Hexachloroethane
Concen: 20.171 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	29343		
201	66.9	31.6	94.8	





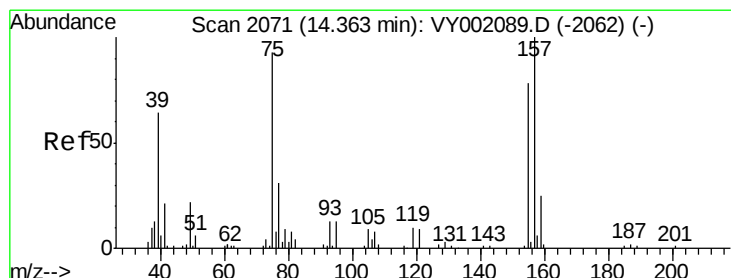
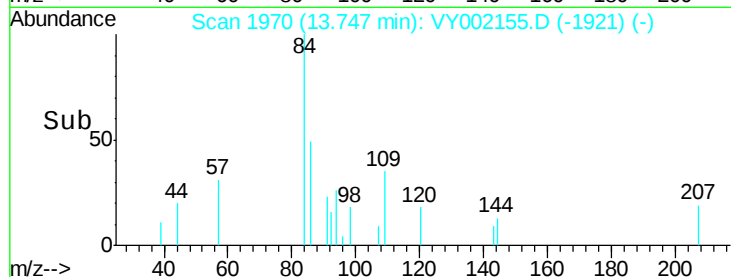
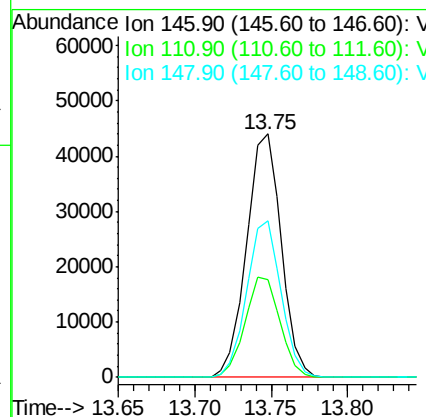
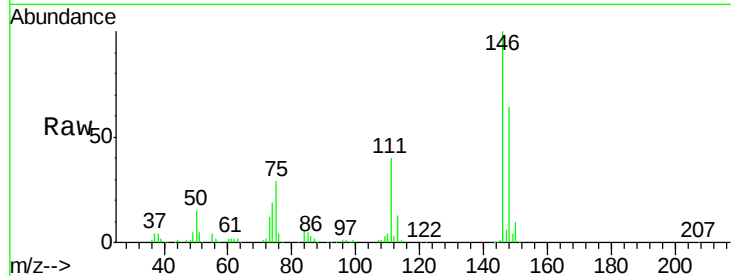
#91
 1,2-Dichlorobenzene
 Concen: 20.377 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	63.7
148	63.7	31.8	95.4

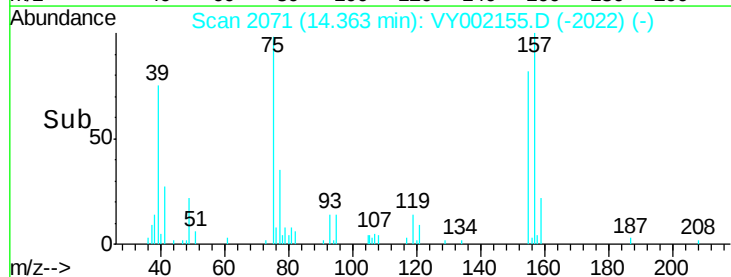
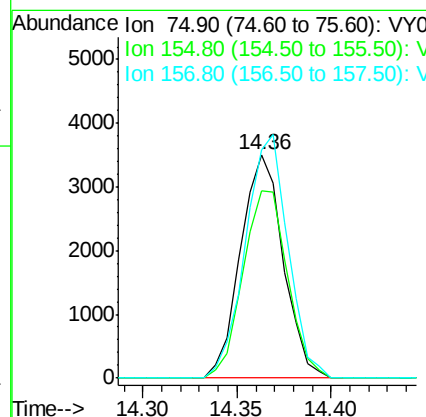
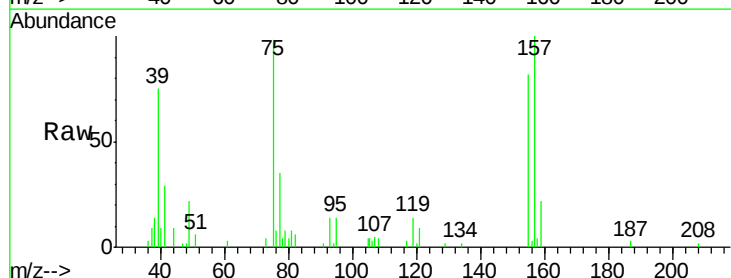
Manual Integrations
 APPROVED

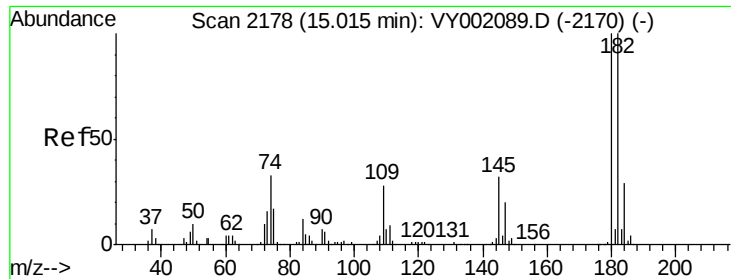
MMDadoda
 4/2/2020 10:13:02 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.094 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002155.D
 Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	41.6	124.9
157	108.8	53.4	160.3





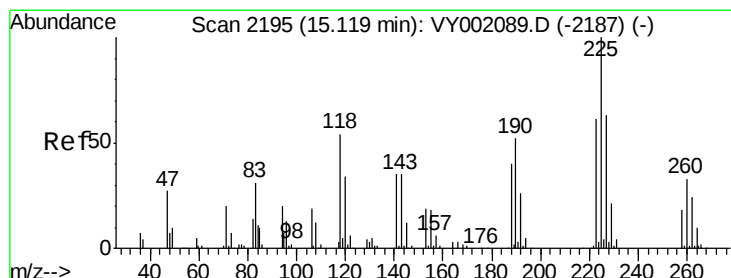
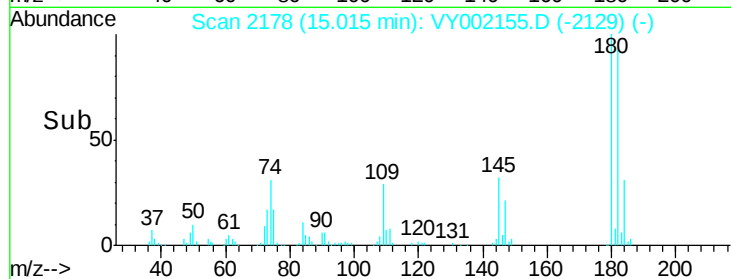
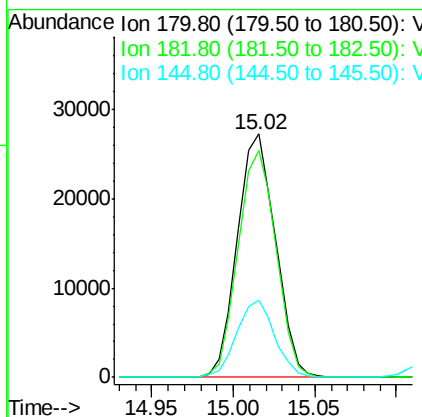
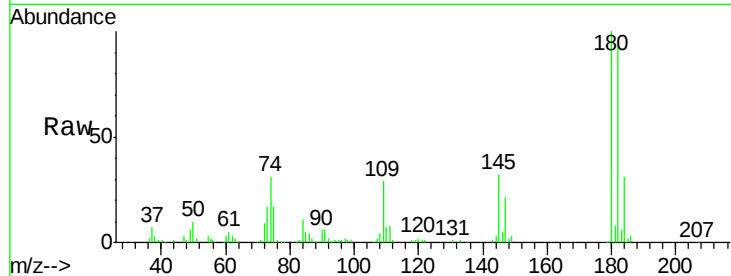
#93
1,2,4-Trichlorobenzene
Concen: 20.335 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.1	144.3
145	31.4	15.9	47.6

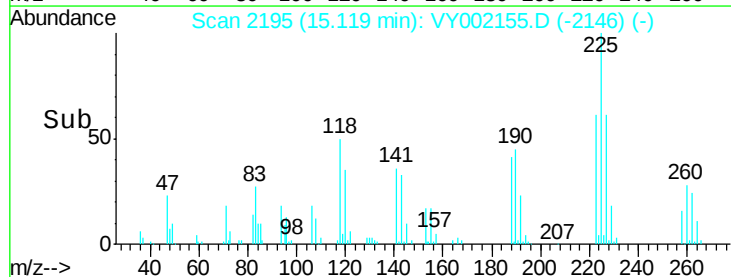
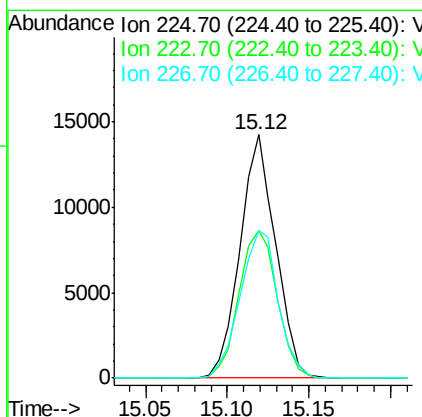
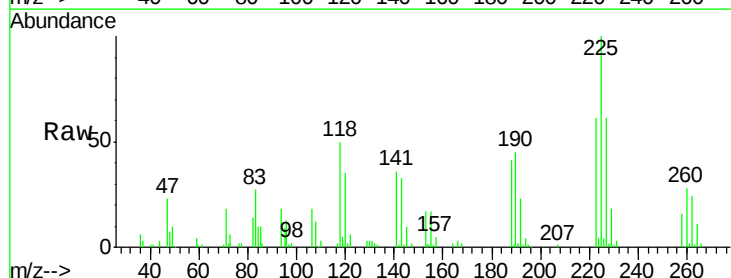
Manual Integrations
APPROVED

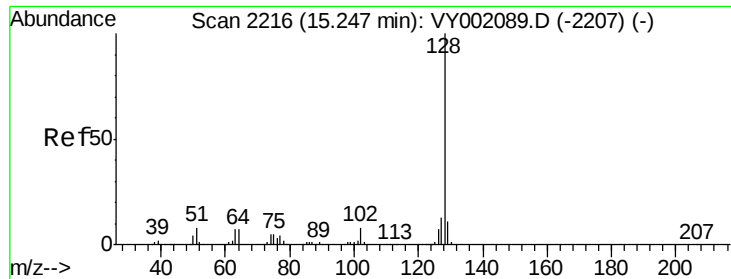
MMDadoda
4/2/2020 10:13:02 AM



#94
Hexachlorobutadiene
Concen: 20.012 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY002155.D
Acq: 01 Apr 2020 12:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.1	93.3
227	65.1	31.6	94.7





#95

Naphthalene

Concen: 19.126 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Instrument :

MSVOA_Y

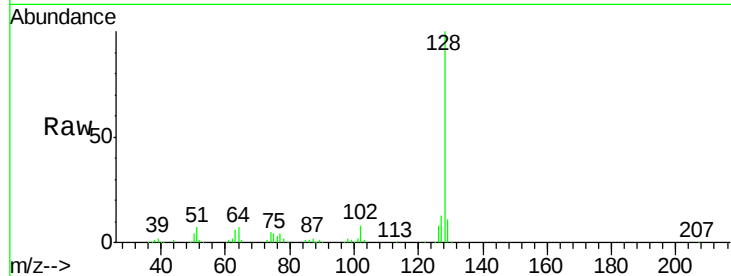
ClientSampleId :

VY0401SBSD01

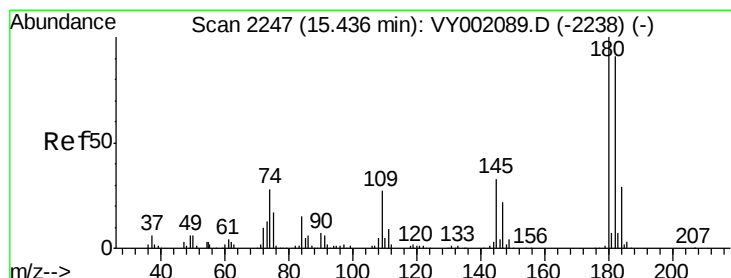
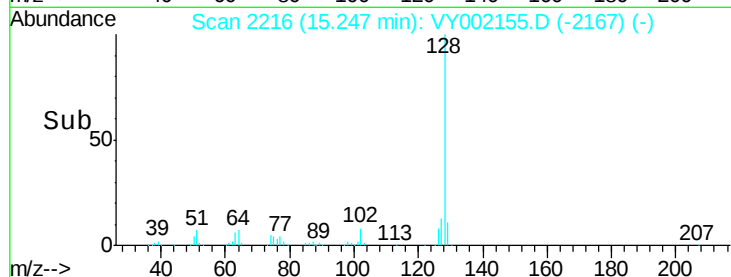
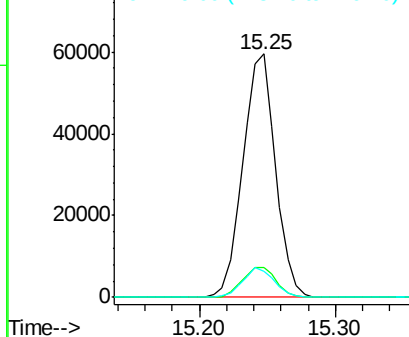
Tot Ion:	128	Resp:	99523
Ion Ratio	Lower	Upper	
128	100		
127	13.0	9.8	14.8
129	11.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/2/2020 10:13:02 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.307 ug/l

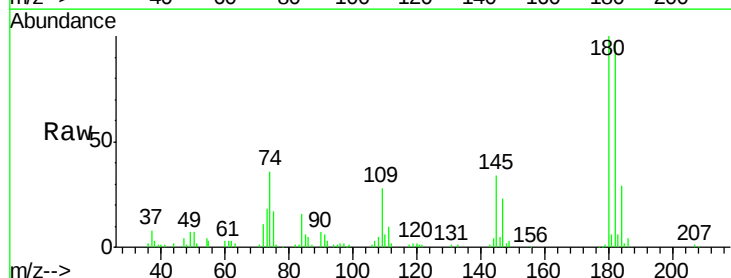
RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002155.D

Acq: 01 Apr 2020 12:21

Tgt Ion:	180	Resp:	38356
Ion Ratio	Lower	Upper	
180	100		
182	98.7	46.8	140.3
145	34.2	16.7	50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

