

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001402.D
 Acq On : 27 Jan 2020 13:53
 Operator : SY/MD
 Sample : VY0127SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:31 PM

Quant Time: Jan 27 16:19:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	205501	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	355413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	311598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	149946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	120994	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
35) Dibromofluoromethane	7.74	113	112776	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
50) Toluene-d8	10.19	98	455334	56.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.36%	
62) 4-Bromofluorobenzene	12.49	95	170965	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	35544	21.933	ug/l	99
3) Chloromethane	2.12	50	53589	21.879	ug/l	95
4) Vinyl Chloride	2.26	62	52623	20.605	ug/l	96
5) Bromomethane	2.65	94	33684	19.583	ug/l	99
6) Chloroethane	2.80	64	33429	20.484	ug/l	96
7) Trichlorofluoromethane	3.13	101	69144	21.160	ug/l	99
8) Diethyl Ether	3.54	74	26562	19.256	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	44576	21.421	ug/l	100
10) Methyl Iodide	4.11	142	51911	18.914	ug/l	99
11) Tert butyl alcohol	4.98	59	29037	90.952	ug/l	100
12) 1,1-Dichloroethene	3.88	96	44085	20.205	ug/l	92
13) Acrolein	3.74	56	20039	113.787	ug/l	97
14) Allyl chloride	4.51	41	78120	20.077	ug/l	100
15) Acrylonitrile	5.19	53	72422	102.568	ug/l	98
16) Acetone	3.97	43	67719	110.738	ug/l	98
17) Carbon Disulfide	4.21	76	139236	20.290	ug/l	99
18) Methyl Acetate	4.50	43	37187	19.720	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	124188	19.439	ug/l	100
20) Methylene Chloride	4.74	84	55083	17.165	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	49926	19.699	ug/l	97
22) Diisopropyl ether	6.14	45	161542	19.551	ug/l	93
23) Vinyl Acetate	6.08	43	530278	98.857	ug/l	100
24) 1,1-Dichloroethane	6.04	63	87074	19.993	ug/l	96
25) 2-Butanone	7.01	43	98858	101.571	ug/l	98
26) 2,2-Dichloropropane	7.00	77	77151	19.888	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	56089	19.802	ug/l	98
28) Bromochloromethane	7.36	49	33246	18.511	ug/l	99
29) Tetrahydrofuran	7.37	42	62606	98.871	ug/l	99
30) Chloroform	7.53	83	83662	19.598	ug/l	98
31) Cyclohexane	7.80	56	89575	20.715	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	72496	20.113	ug/l	99
36) 1,1-Dichloropropene	7.94	75	69538	20.710	ug/l	99
37) Ethyl Acetate	7.10	43	43452	21.181	ug/l	100
38) Carbon Tetrachloride	7.92	117	63107	21.088	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001402.D
 Acq On : 27 Jan 2020 13:53
 Operator : SY/MD
 Sample : VY0127SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:31 PM

Quant Time: Jan 27 16:19:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	92224	21.440	ug/l	95
40) Benzene	8.18	78	204803	20.342	ug/l	98
41) Methacrylonitrile	7.33	41	15556m	14.694	ug/l	
42) 1,2-Dichloroethane	8.25	62	56947	20.243	ug/l	99
43) Isopropyl Acetate	8.29	43	80371	20.148	ug/l	99
44) Trichloroethene	8.96	130	51842	20.066	ug/l	100
45) 1,2-Dichloropropane	9.23	63	52755	20.728	ug/l	98
46) Dibromomethane	9.32	93	27189	19.899	ug/l	98
47) Bromodichloromethane	9.51	83	66623	20.397	ug/l	100
48) Methyl methacrylate	9.30	41	36391	20.067	ug/l	99
49) 1,4-Dioxane	9.32	88	8207	425.930	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	210030	102.238	ug/l	100
52) Toluene	10.25	92	130266	20.411	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	72923	20.142	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	83118	20.002	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	41282	20.470	ug/l	98
56) Ethyl methacrylate	10.52	69	60759	19.933	ug/l	99
57) 1,3-Dichloropropane	10.80	76	70851	20.168	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	116158	110.127	ug/l	99
59) 2-Hexanone	10.84	43	151161	105.695	ug/l	100
60) Dibromochloromethane	10.99	129	45214	20.045	ug/l	99
61) 1,2-Dibromoethane	11.10	107	38680	20.288	ug/l	99
64) Tetrachloroethene	10.73	164	41500	20.850	ug/l	97
65) Chlorobenzene	11.52	112	132946	20.241	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	46319	20.665	ug/l	99
67) Ethyl Benzene	11.60	91	253246	20.922	ug/l	97
68) m/p-Xylenes	11.71	106	186939	41.351	ug/l	100
69) o-Xylene	12.03	106	89068	20.480	ug/l	100
70) Styrene	12.05	104	157419	20.630	ug/l	99
71) Bromoform	12.22	173	26735	19.981	ug/l #	99
73) Isopropylbenzene	12.34	105	238438	20.152	ug/l	100
74) N-amyl acetate	12.15	43	78717	20.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	50939	20.102	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	39082m	21.630	ug/l	
77) Bromobenzene	12.61	156	53056	20.245	ug/l	99
78) n-propylbenzene	12.68	91	296254	20.802	ug/l	99
79) 2-Chlorotoluene	12.77	91	165367	20.326	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	203880	20.643	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	19794	20.731	ug/l	98
82) 4-Chlorotoluene	12.86	91	175589	20.205	ug/l	100
83) tert-Butylbenzene	13.08	119	173038	20.785	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	203265	20.499	ug/l	99
85) sec-Butylbenzene	13.26	105	249505	21.094	ug/l	99
86) p-Isopropyltoluene	13.38	119	220569	21.161	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	104366	20.678	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	103671	20.230	ug/l	98
89) n-Butylbenzene	13.70	91	223399	21.296	ug/l	100
90) Hexachloroethane	13.97	117	40901	20.701	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	95888	20.600	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9239	21.129	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001402.D
 Acq On : 27 Jan 2020 13:53
 Operator : SY/MD
 Sample : VY0127SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBSD01

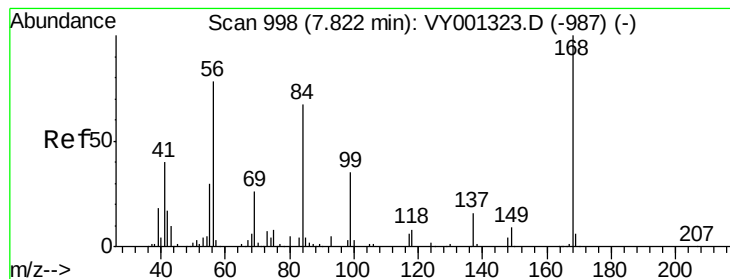
Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:31 PM

Quant Time: Jan 27 16:19:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	64027	20.495	ug/l	99
94) Hexachlorobutadiene	15.12	225	32424	21.315	ug/l	99
95) Naphthalene	15.25	128	152511	21.350	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	56859	20.748	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion:168 Resp: 205501

Ion Ratio Lower Upper

168 100

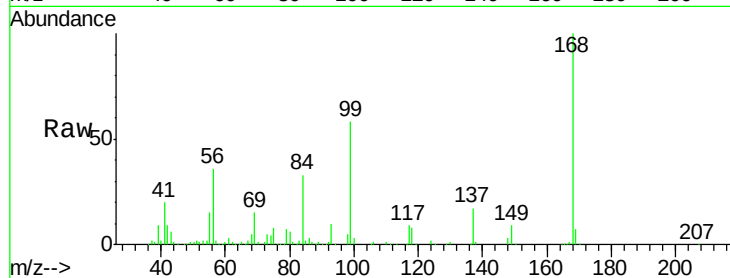
99 58.0 44.3 66.5

Manual Integrations

APPROVED

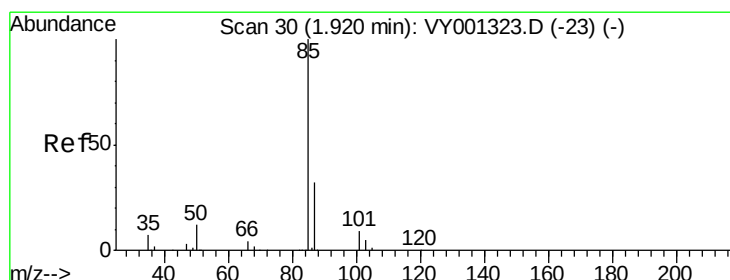
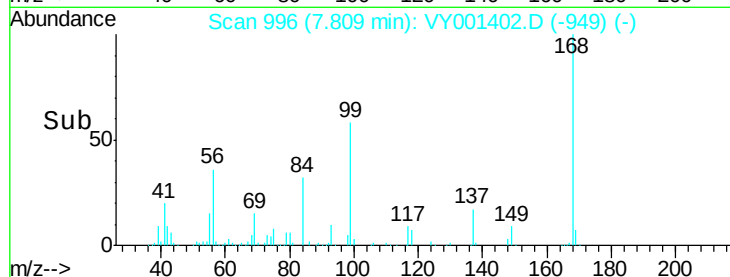
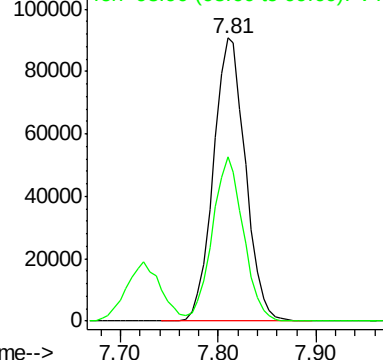
MMDadoda

1/28/2020 3:40:31 PM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 21.933 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001402.D

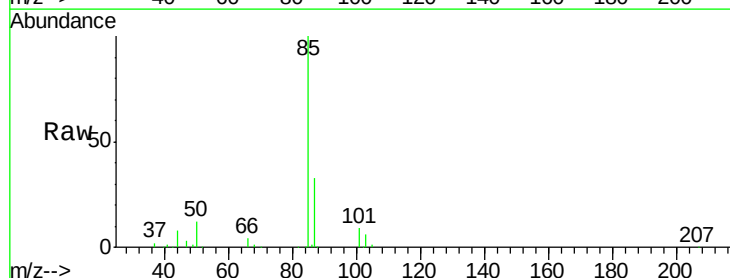
Acq: 27 Jan 2020 13:53

Tgt Ion: 85 Resp: 35544

Ion Ratio Lower Upper

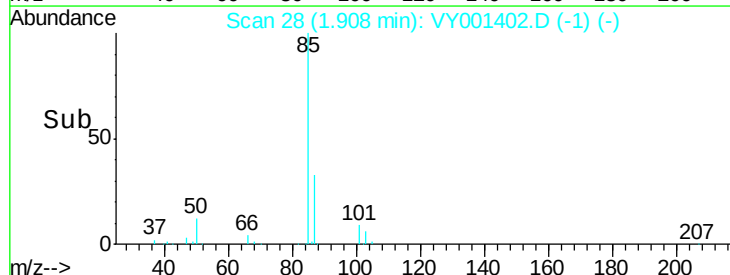
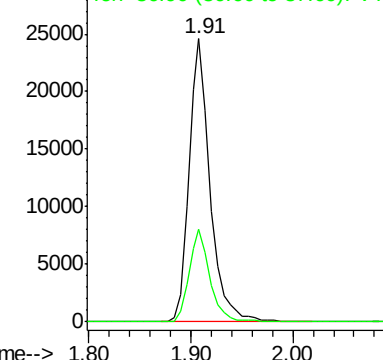
85 100

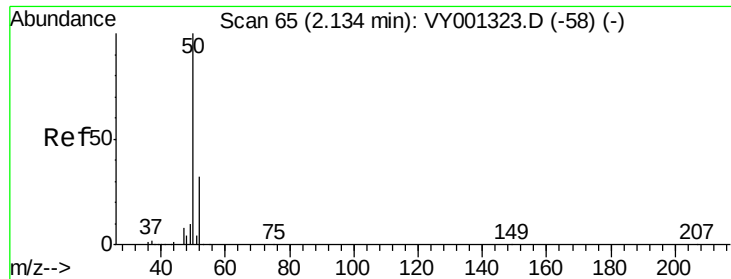
87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 21.879 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 50 Resp: 53589

Ion Ratio Lower Upper

50 100

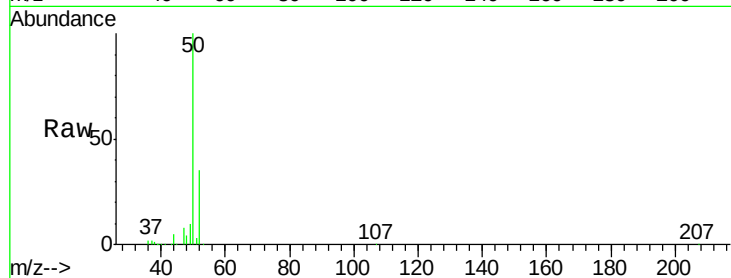
52 34.6 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

1/28/2020 3:40:31 PM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

40000

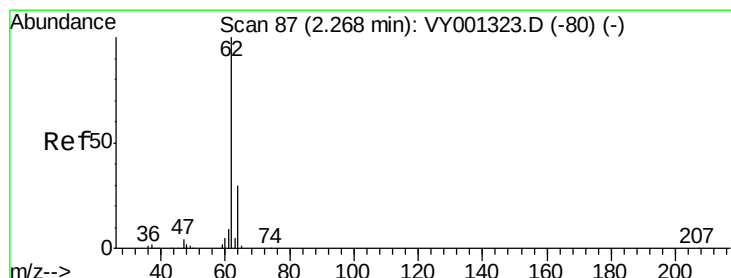
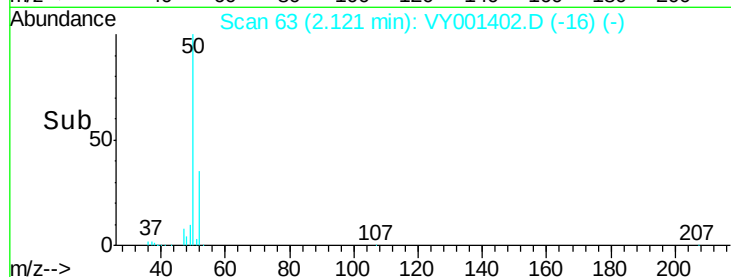
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 20.605 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001402.D

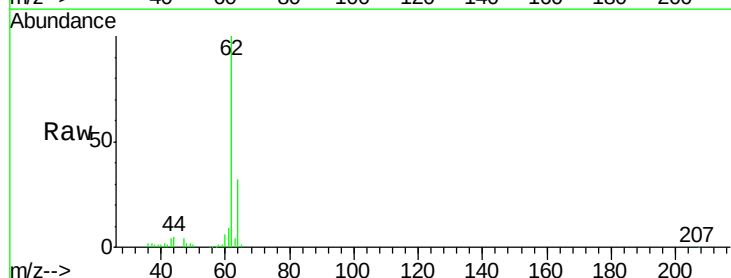
Acq: 27 Jan 2020 13:53

Tgt Ion: 62 Resp: 52623

Ion Ratio Lower Upper

62 100

64 31.8 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

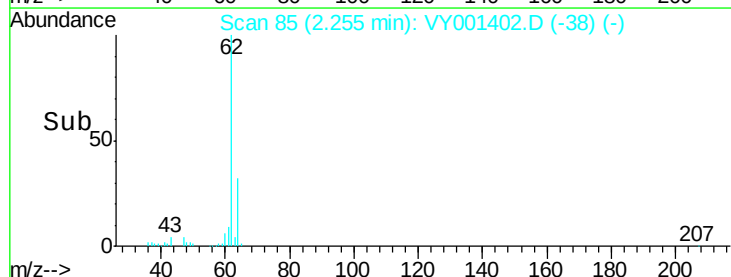
30000

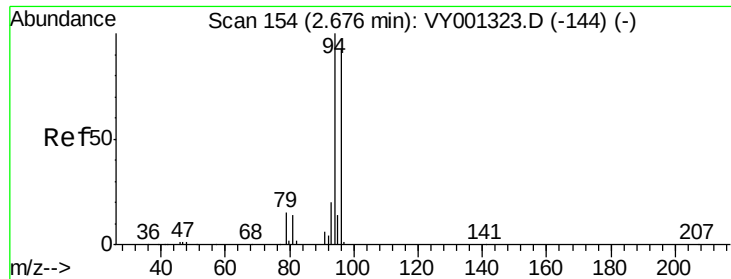
20000

10000

0

Time-->





#5

Bromomethane

Concen: 19.583 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.03 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 94 Resp: 33684

Ion Ratio Lower Upper

94 100

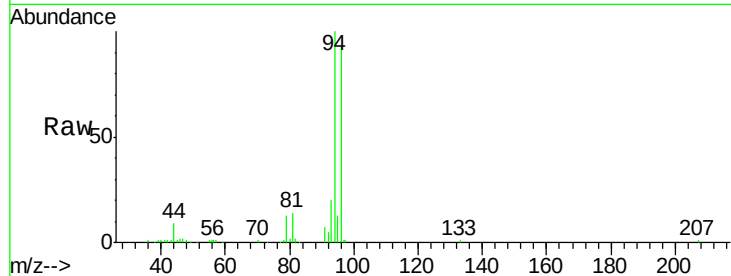
96 92.6 74.6 111.8

Manual Integrations

APPROVED

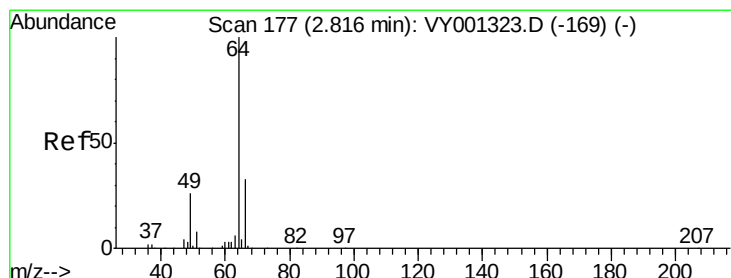
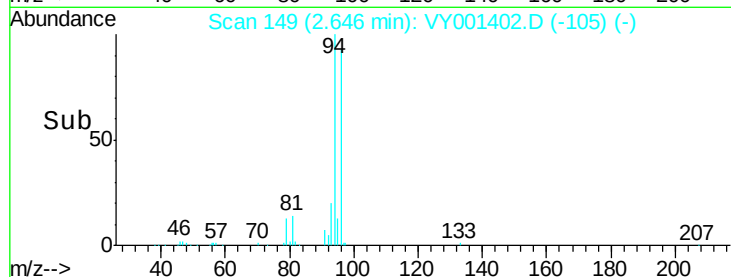
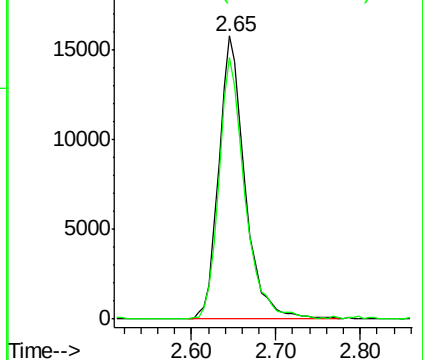
MMDadoda

1/28/2020 3:40:31 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.484 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.02 min

Lab File: VY001402.D

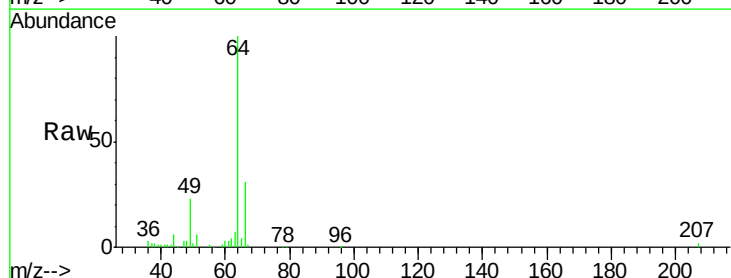
Acq: 27 Jan 2020 13:53

Tgt Ion: 64 Resp: 33429

Ion Ratio Lower Upper

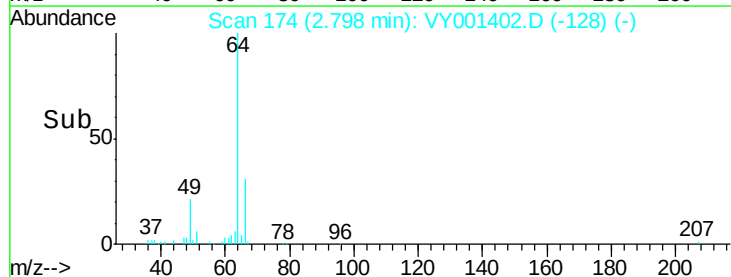
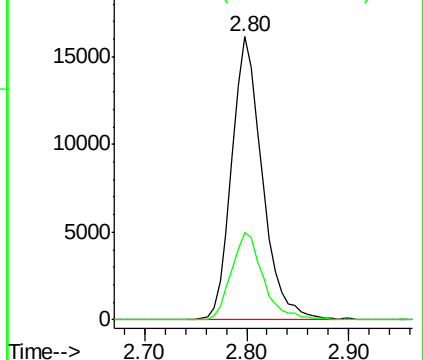
64 100

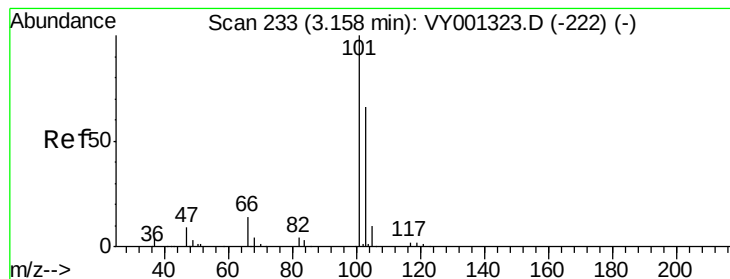
66 31.0 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

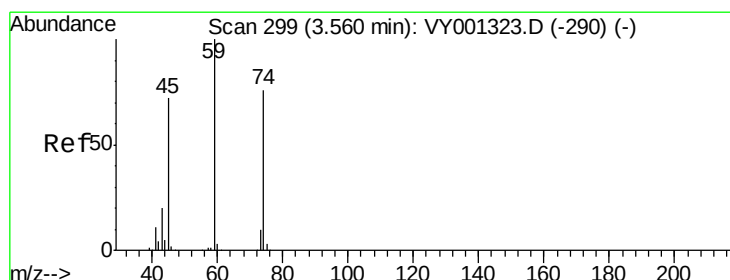
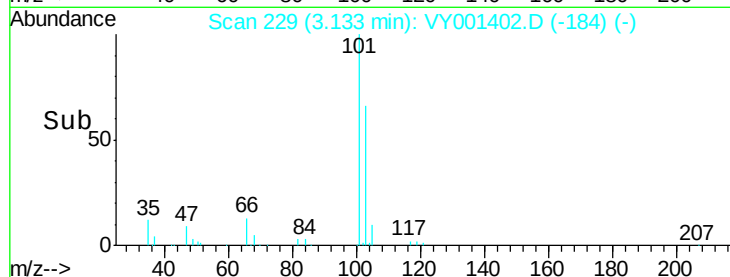
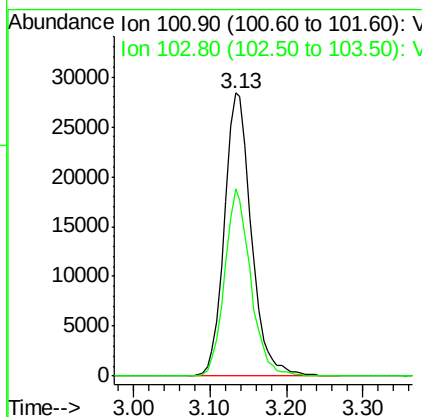
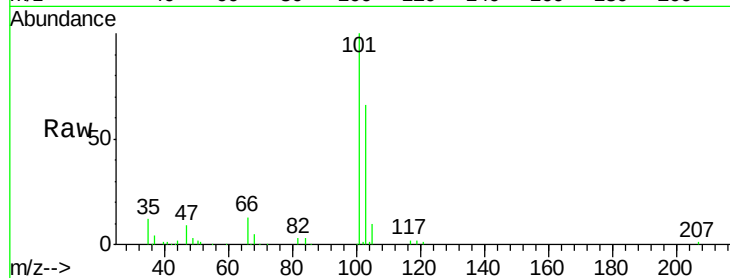
Trichlorofluoromethane
 Concen: 21.160 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.02 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	52.5	78.7

Manual Integrations
 APPROVED

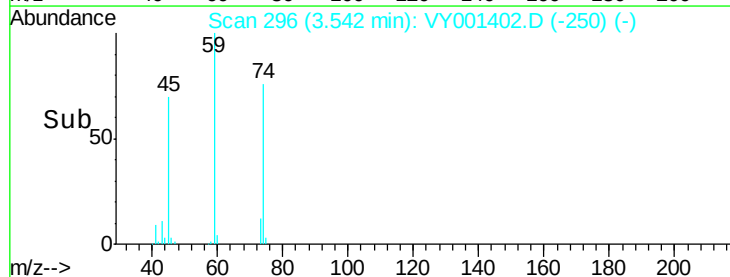
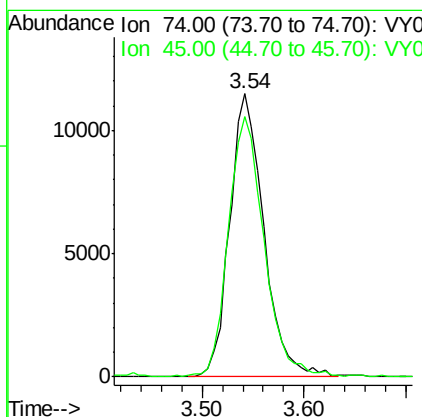
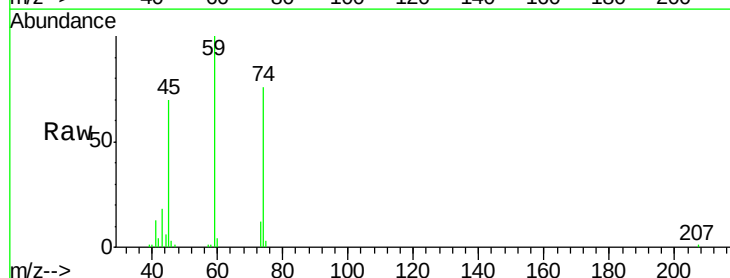
MMDadoda
 1/28/2020 3:40:31 PM

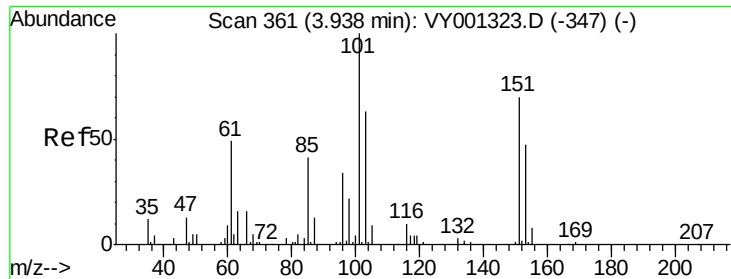


#8

Diethyl Ether
 Concen: 19.256 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.02 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.421 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

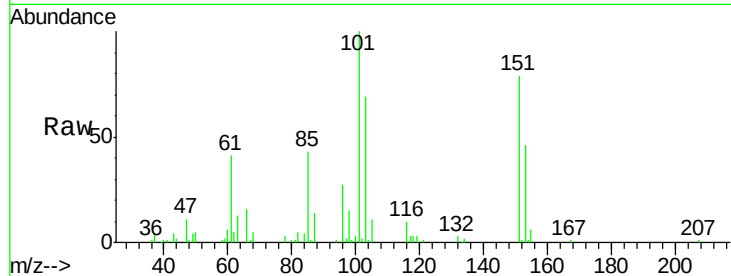
ClientSampleId :

VY0127SBS01

Tot Ion:	101	Resp:	44576
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.9	52.3
151	74.9	59.9	89.9

Manual Integrations
APPROVED

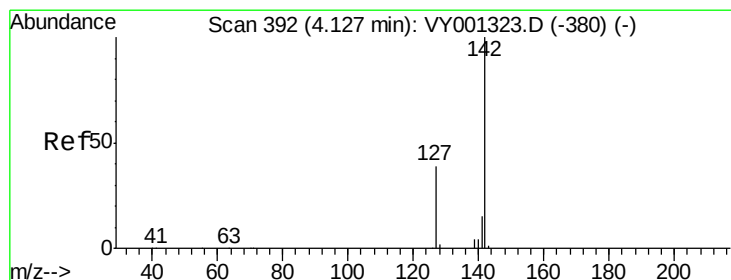
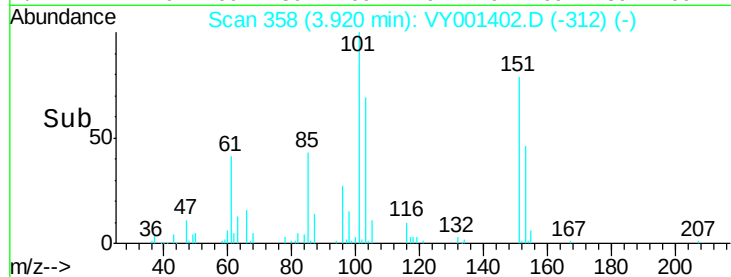
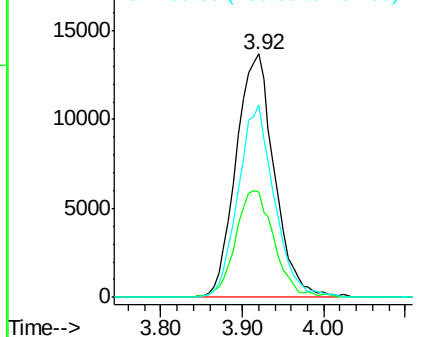
MMDadoda
1/28/2020 3:40:31 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.914 ug/l

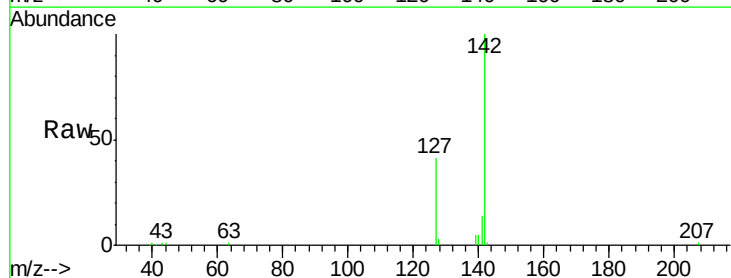
RT: 4.11 min Scan# 389

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

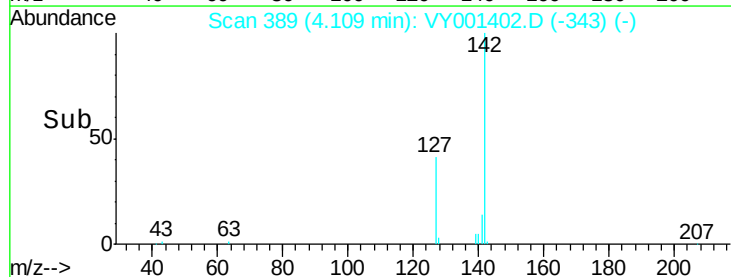
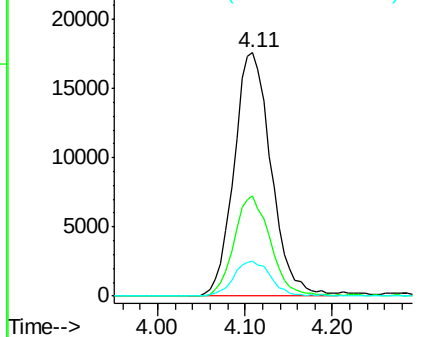
Tgt Ion:	142	Resp:	51911
Ion Ratio	Lower	Upper	
142	100		
127	40.3	31.6	47.4
141	14.2	11.2	16.8

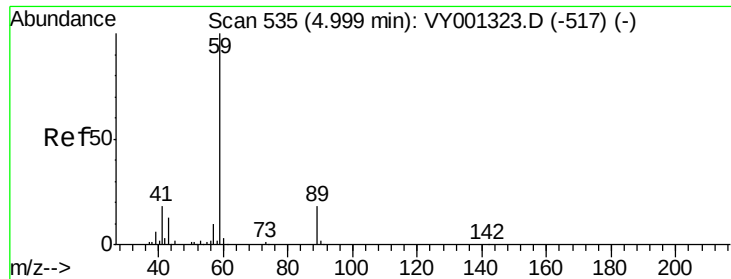


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





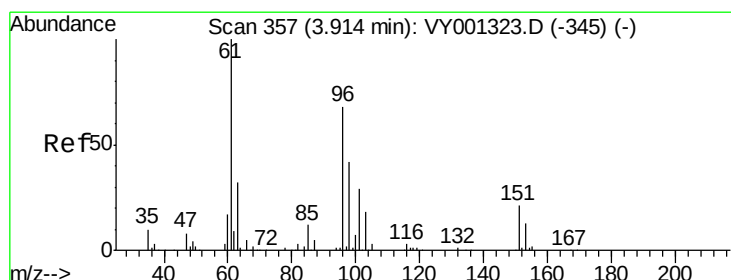
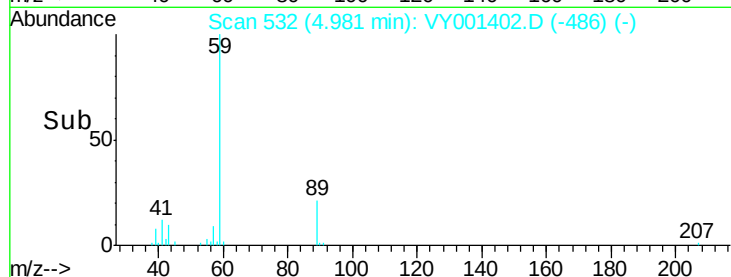
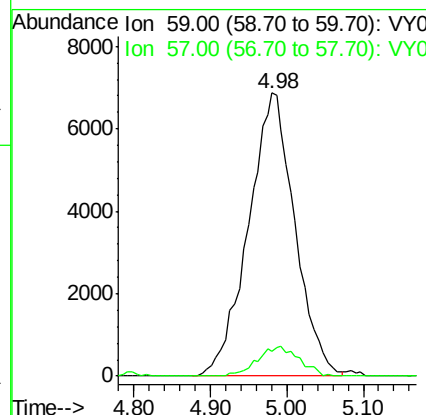
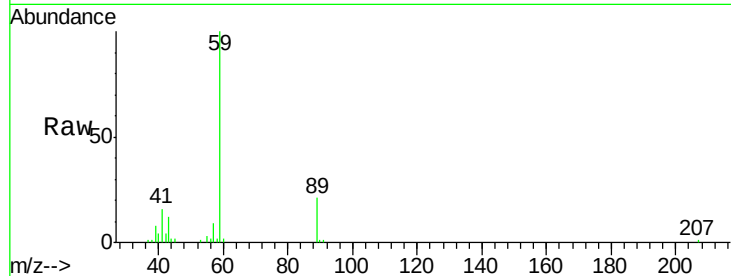
#11
Tert butyl alcohol
Concen: 90.952 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.02 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.4	11.2

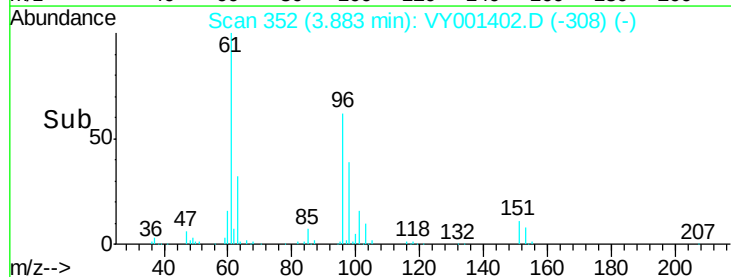
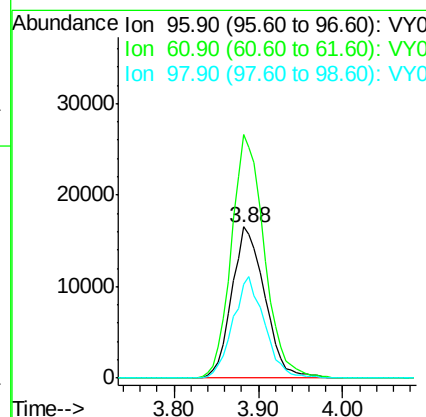
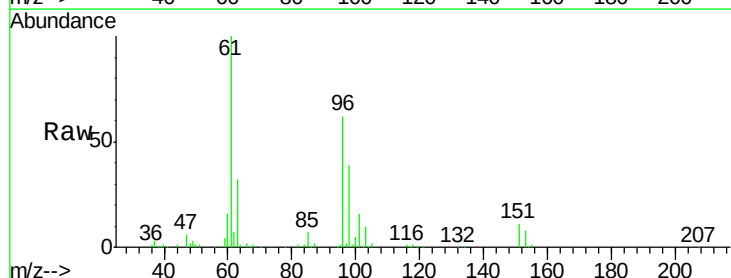
Manual Integrations
APPROVED

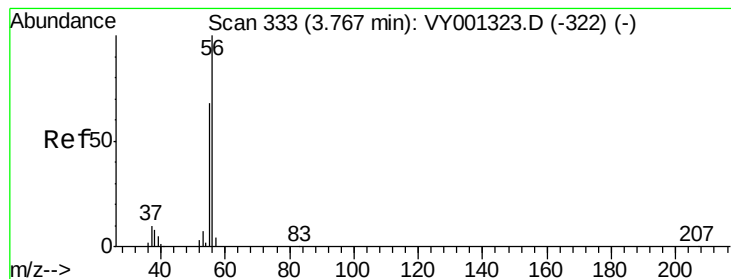
MMDadoda
1/28/2020 3:40:31 PM



#12
1,1-Dichloroethene
Concen: 20.205 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.03 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	118.0	177.0
98	62.1	49.4	74.2





#13

Acrolein

Concen: 113.787 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 56 Resp: 20039

Ion Ratio Lower Upper

56 100

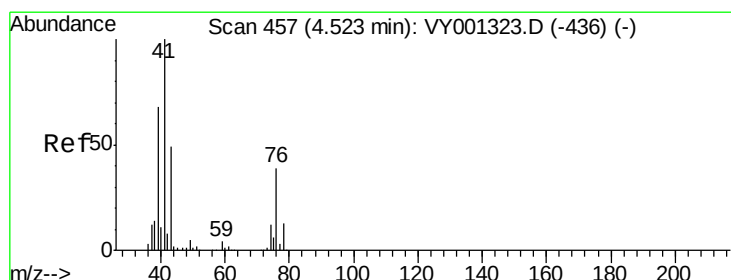
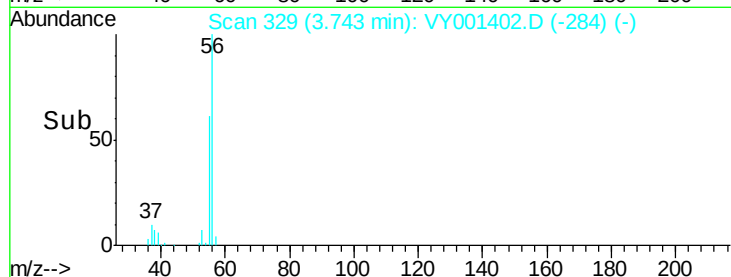
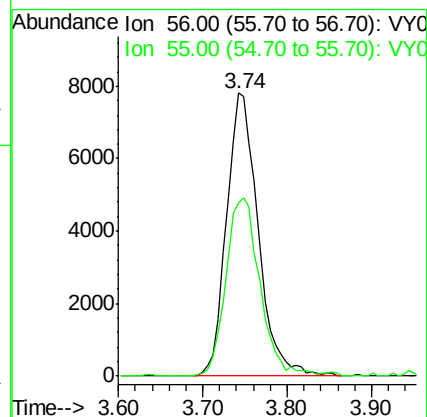
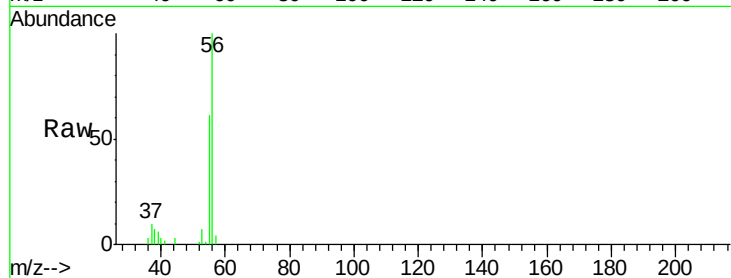
55 67.7 55.9 83.9

Manual Integrations

APPROVED

MMDadoda

1/28/2020 3:40:31 PM



#14

Allyl chloride

Concen: 20.077 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

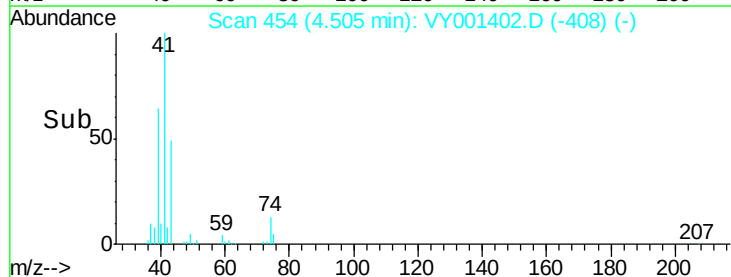
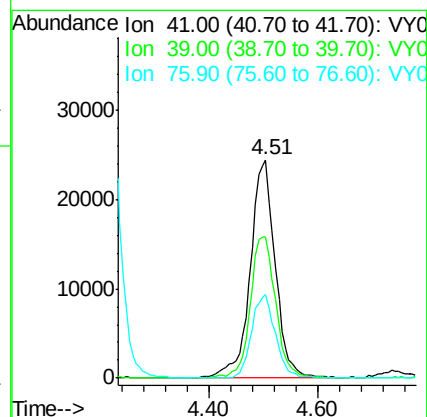
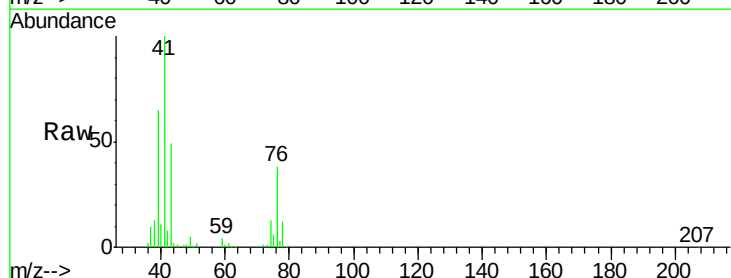
Tgt Ion: 41 Resp: 78120

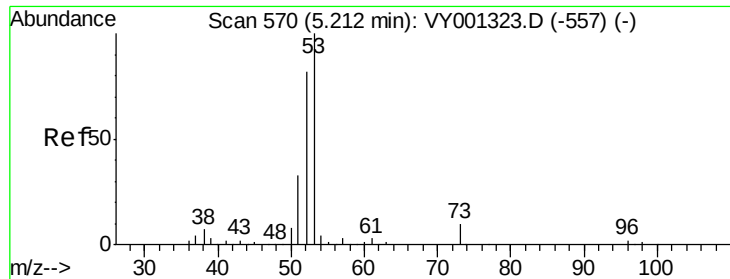
Ion Ratio Lower Upper

41 100

39 65.6 52.2 78.4

76 36.1 29.1 43.7





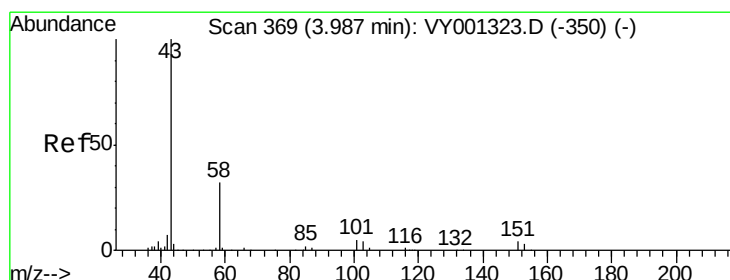
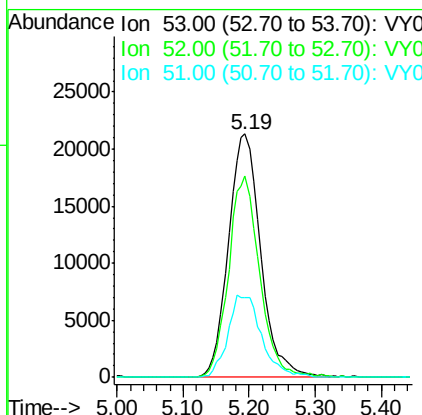
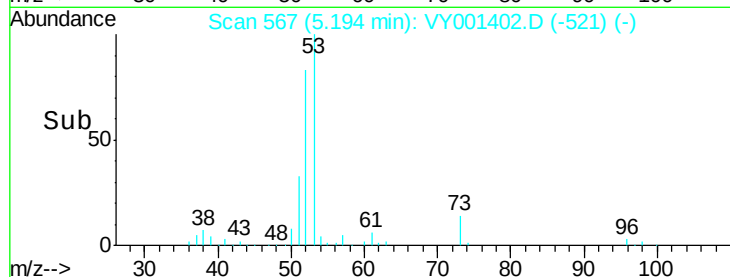
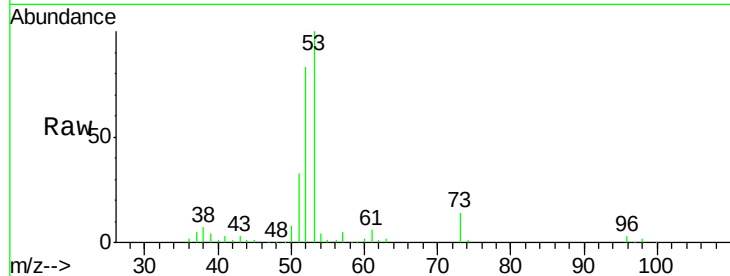
#15
 Acrylonitrile
 Concen: 102.568 ug/l
 RT: 5.19 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion:	53	Resp:	72422
Ion	Ratio	Lower	Upper
53	100		
52	79.0	65.3	97.9
51	35.1	28.4	42.6

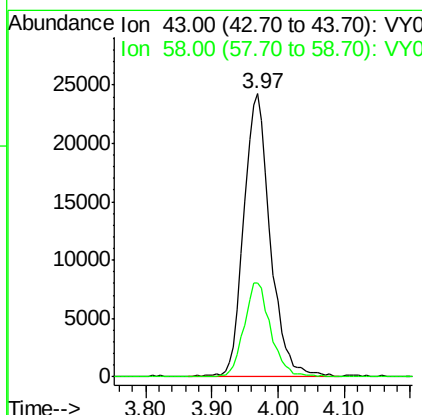
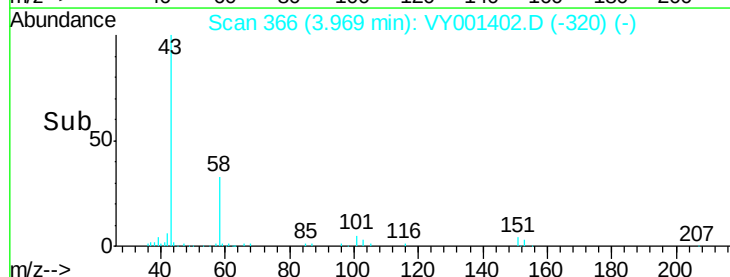
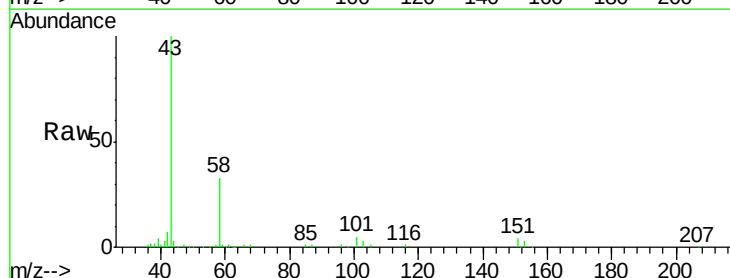
Manual Integrations
 APPROVED

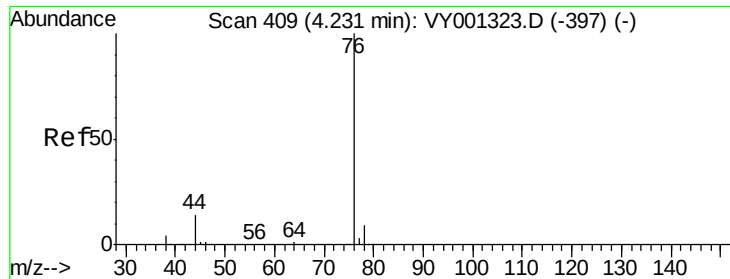
MMDadoda
 1/28/2020 3:40:31 PM



#16
 Acetone
 Concen: 110.738 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.02 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion:	43	Resp:	67719
Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.4	38.0





#17

Carbon Disulfide

Concen: 20.290 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 76 Resp: 139236

Ion Ratio Lower Upper

76 100

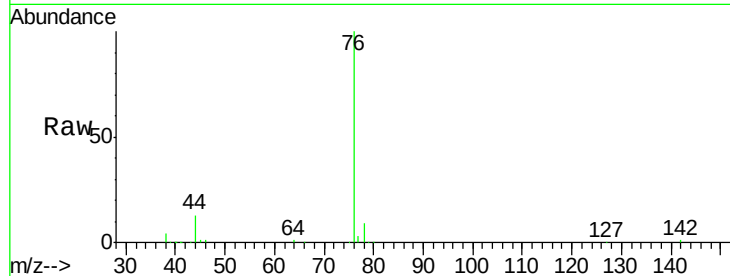
78 9.0 7.0 10.6

Manual Integrations

APPROVED

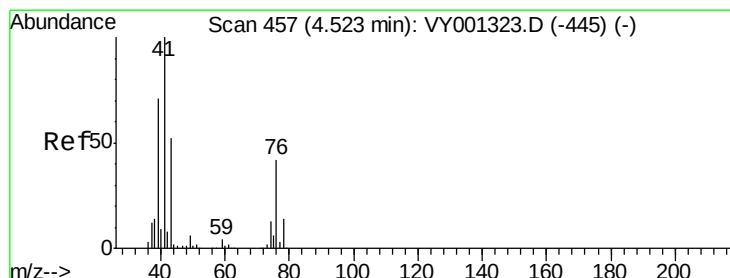
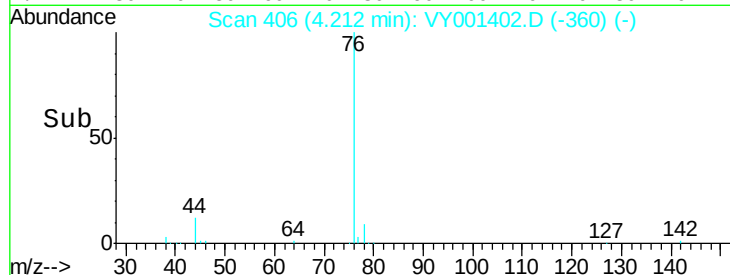
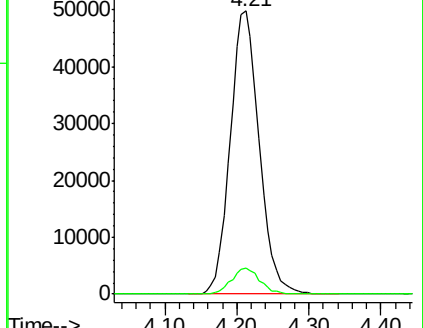
MMDadoda

1/28/2020 3:40:31 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.720 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY001402.D

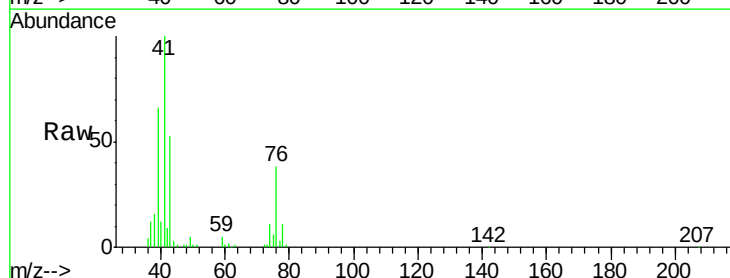
Acq: 27 Jan 2020 13:53

Tgt Ion: 43 Resp: 37187

Ion Ratio Lower Upper

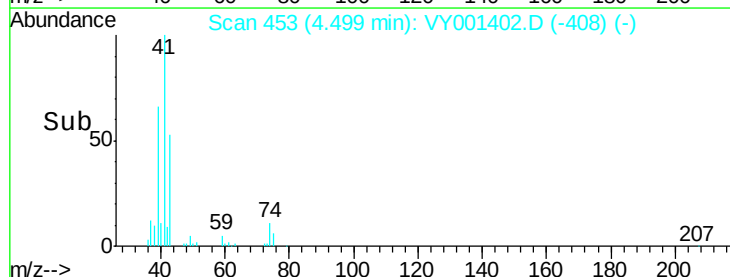
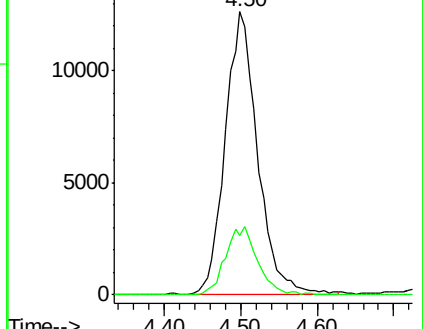
43 100

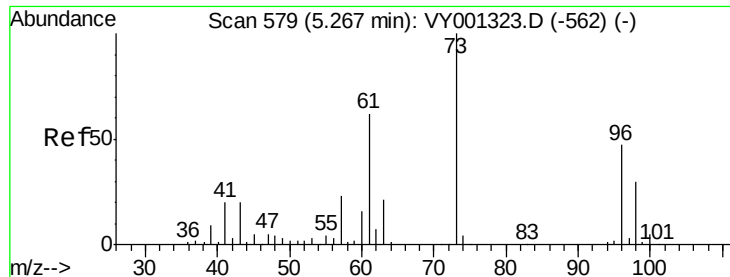
74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





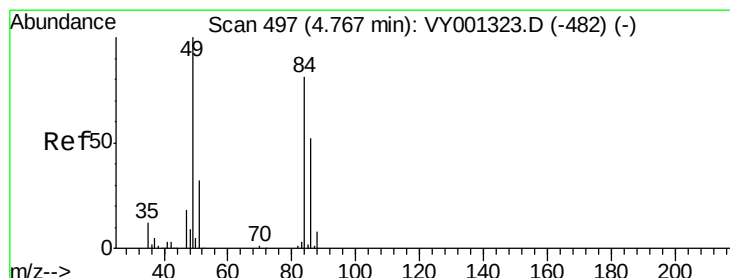
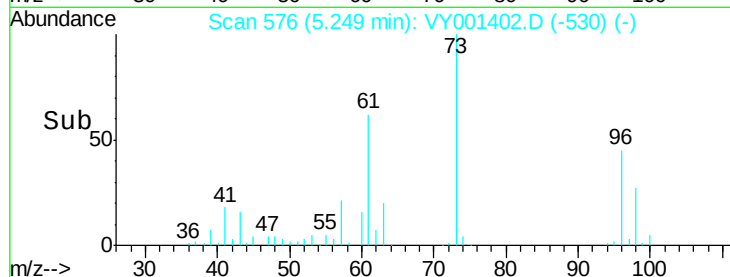
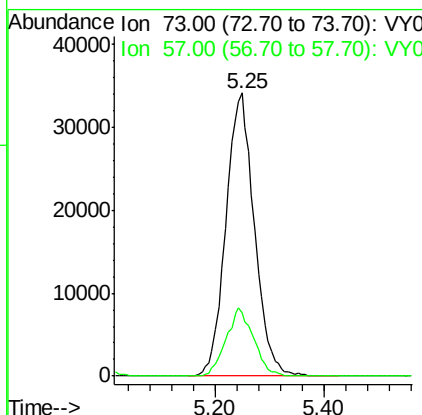
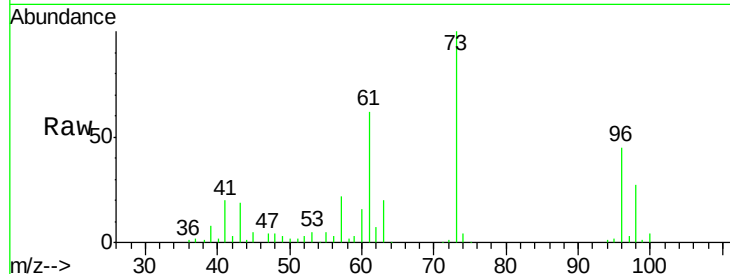
#19
Methyl tert-butyl Ether
Concen: 19.439 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampled :
VY0127SBS01

Tot Ion: 73 Resp: 124188
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.2

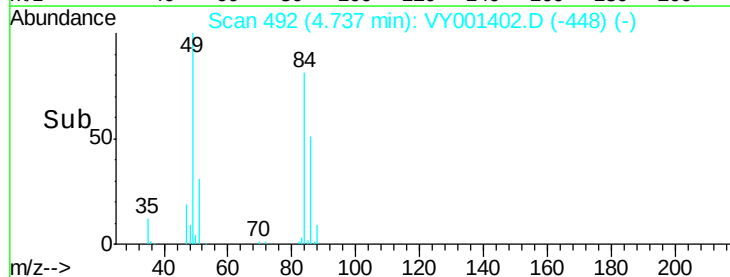
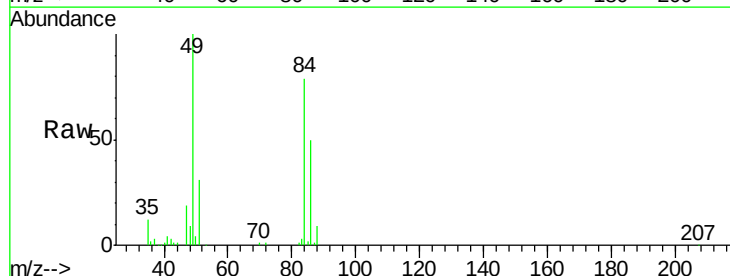
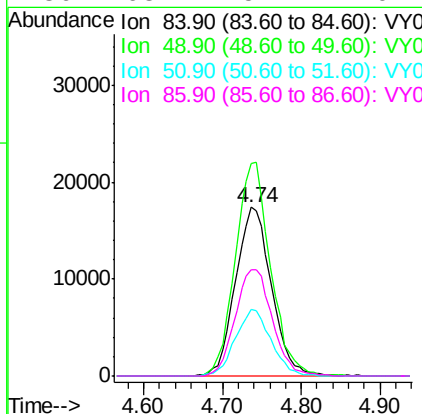
Manual Integrations
APPROVED

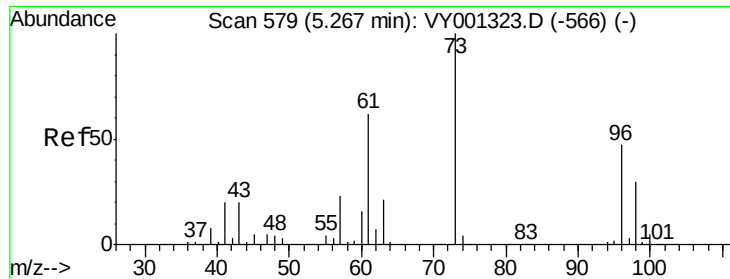
MMDadoda
1/28/2020 3:40:31 PM



#20
Methylene Chloride
Concen: 17.165 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.03 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion: 84 Resp: 55083
Ion Ratio Lower Upper
84 100
49 125.9 98.3 147.5
51 39.1 31.6 47.4
86 63.2 51.1 76.7





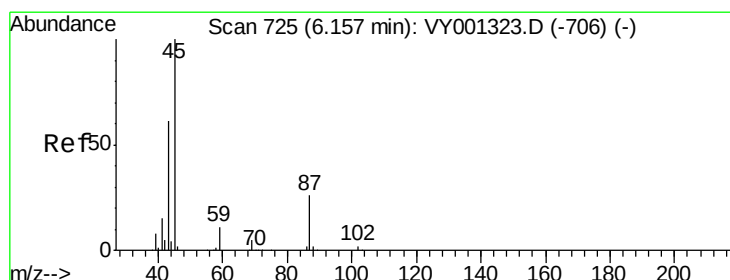
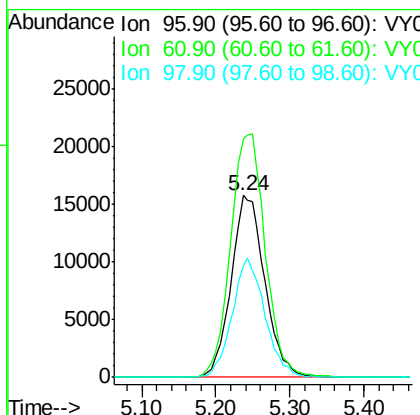
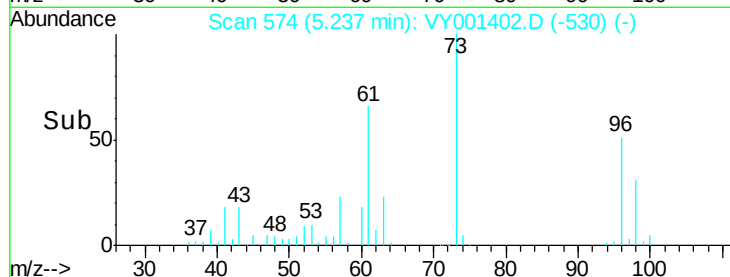
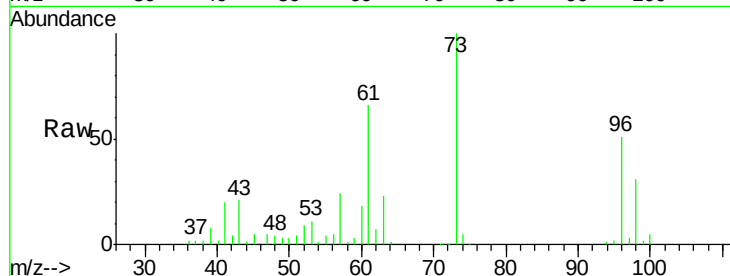
#21
trans-1,2-Dichloroethene
Concen: 19.699 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.03 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	106.8	160.2
98	61.3	51.0	76.6

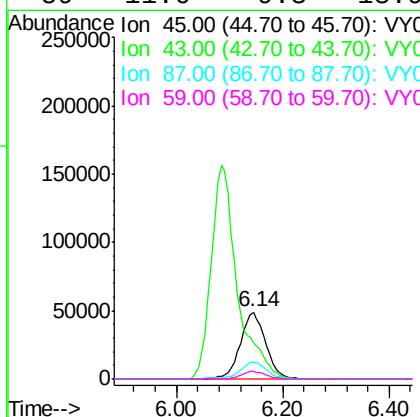
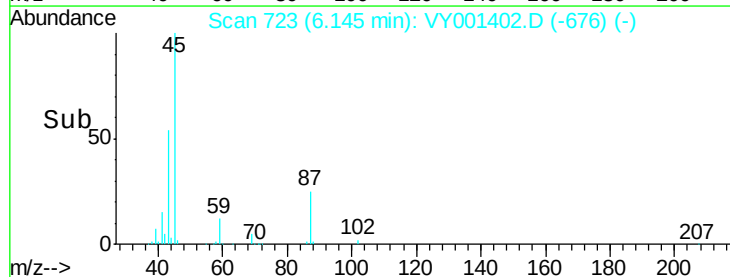
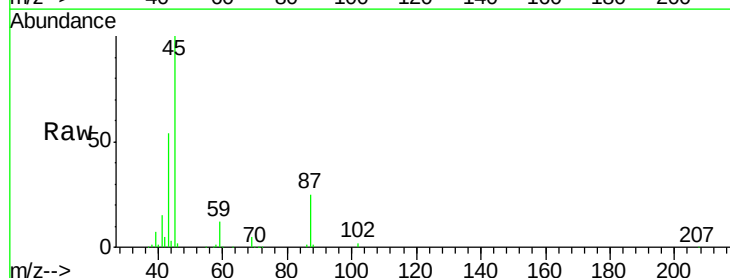
Manual Integrations
APPROVED

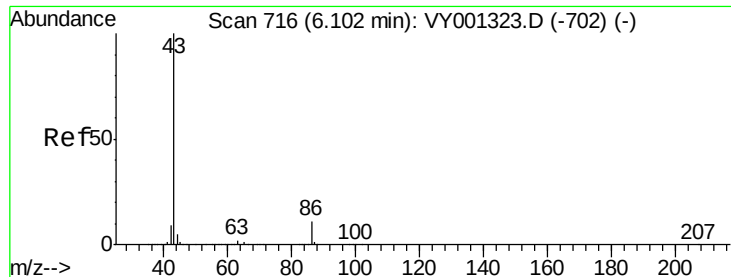
MMDadoda
1/28/2020 3:40:31 PM



#22
Diisopropyl ether
Concen: 19.551 ug/l
RT: 6.14 min Scan# 723
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.5	49.2	73.8
87	25.4	21.4	32.2
59	11.6	9.3	13.9





#23

Vinyl Acetate

Concen: 98.857 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 43 Resp: 530278

Ion Ratio Lower Upper

43 100

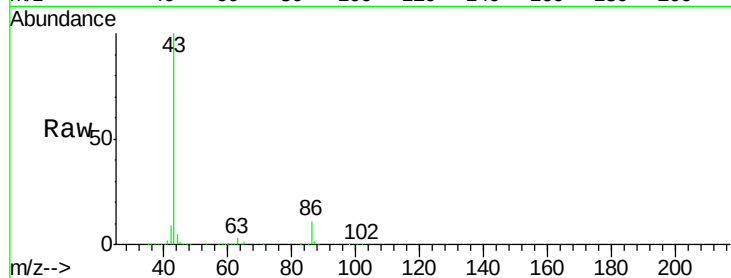
86 11.0 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

1/28/2020 3:40:31 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

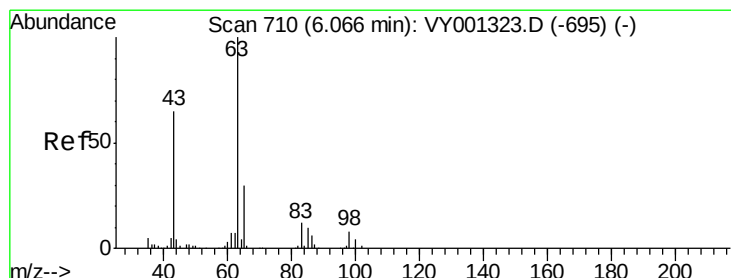
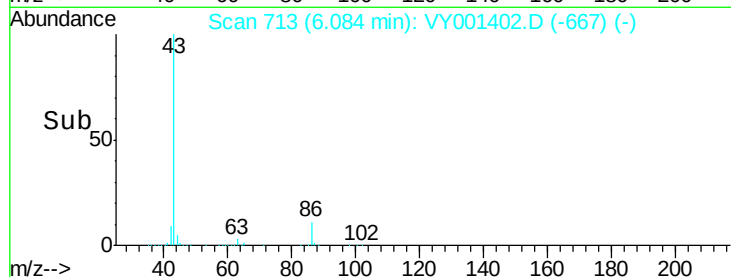
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 19.993 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

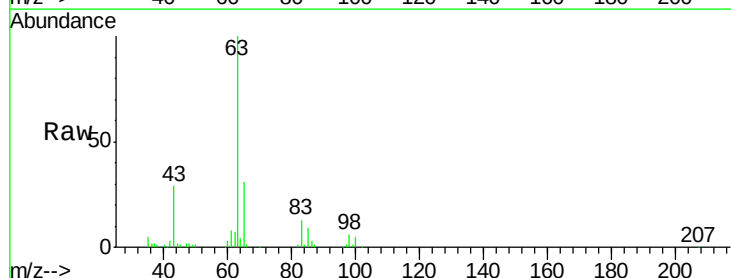
Tgt Ion: 63 Resp: 87074

Ion Ratio Lower Upper

63 100

98 5.9 4.0 12.0

100 4.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

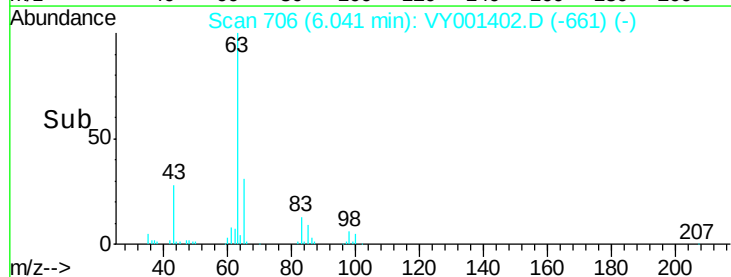
30000

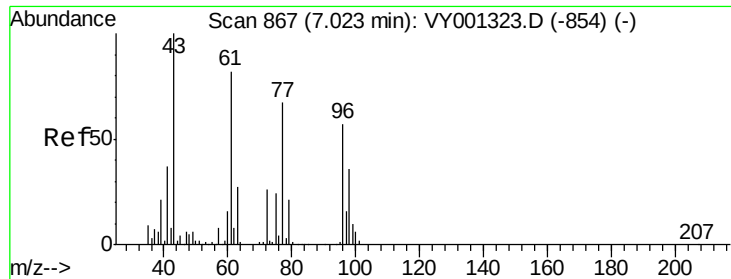
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 101.571 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 43 Resp: 98858

Ion Ratio Lower Upper

43 100

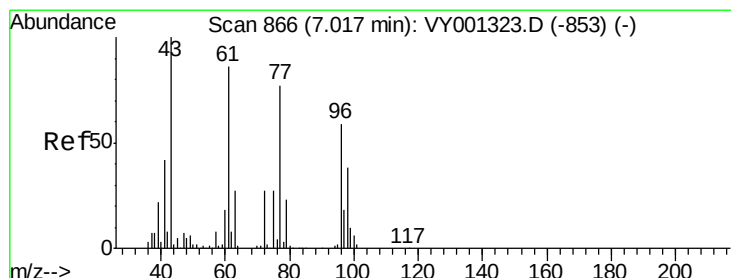
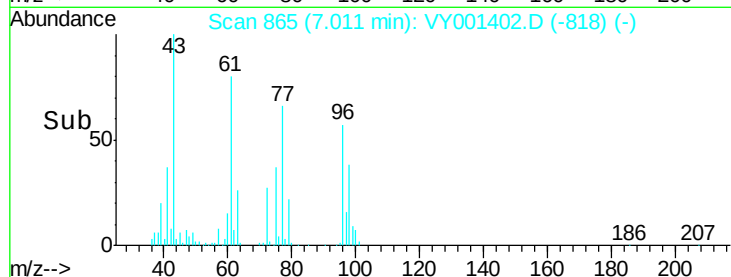
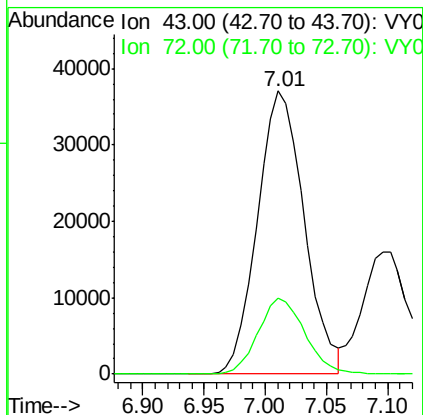
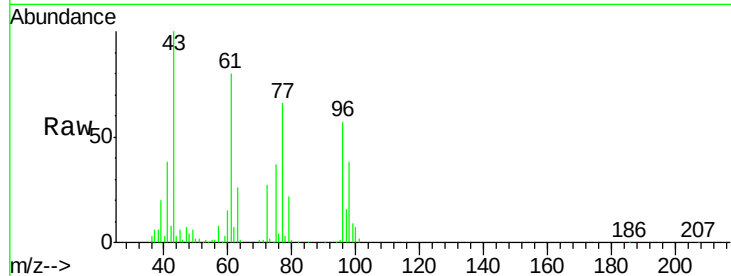
72 26.7 20.6 31.0

Manual Integrations

APPROVED

MMDadoda

1/28/2020 3:40:31 PM



#26

2,2-Dichloropropane

Concen: 19.888 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001402.D

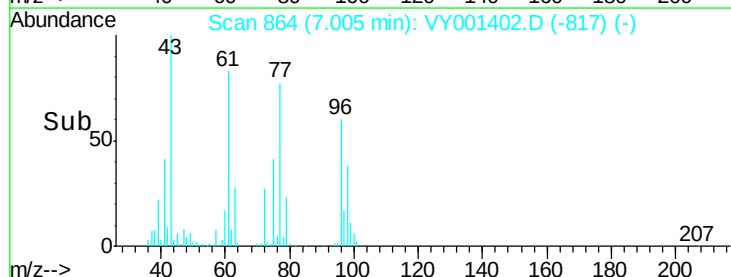
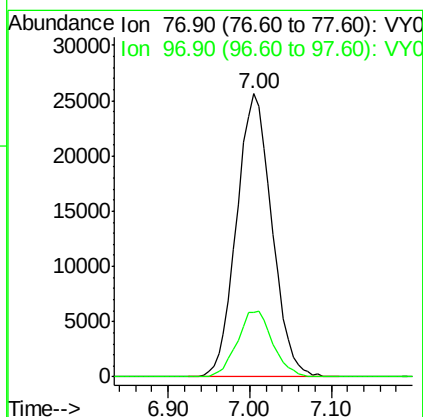
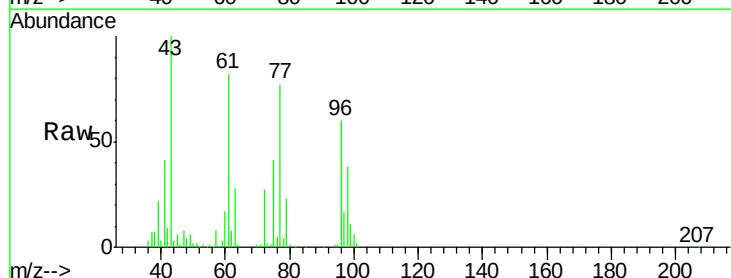
Acq: 27 Jan 2020 13:53

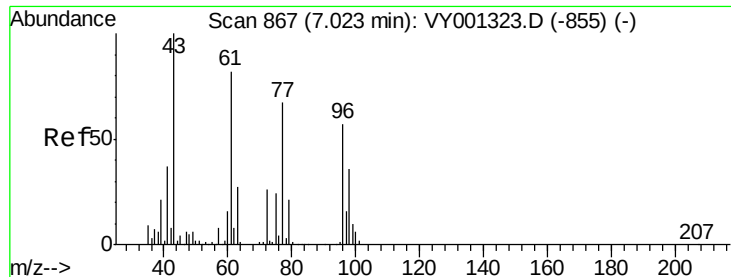
Tgt Ion: 77 Resp: 77151

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.5





#27

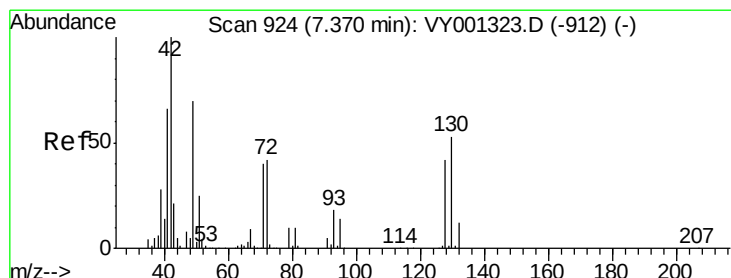
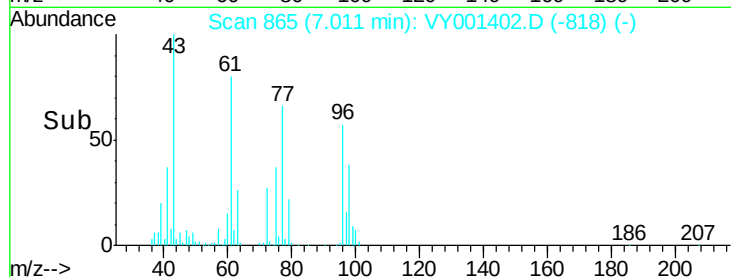
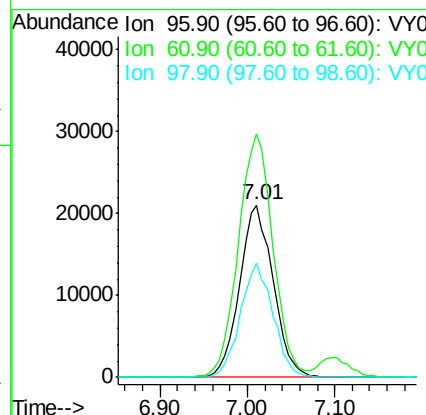
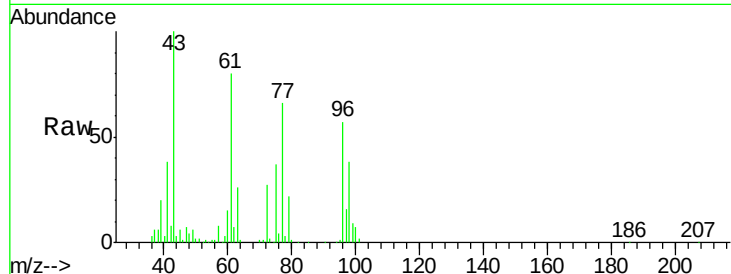
cis-1,2-Dichloroethene
Concen: 19.802 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	56089		
61	145.3		0.0	284.8
98	64.5		0.0	128.4

Manual Integrations
APPROVED

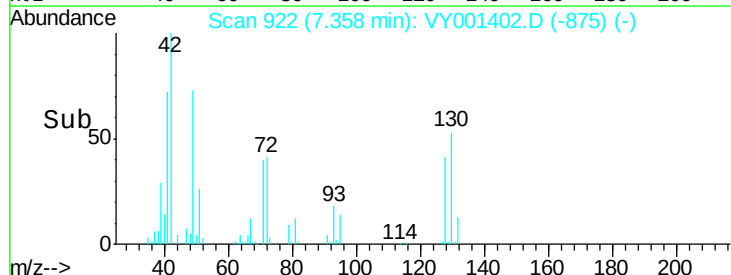
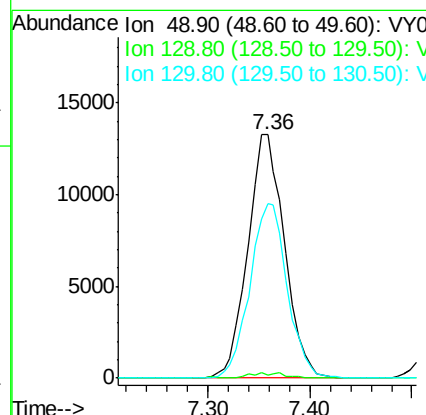
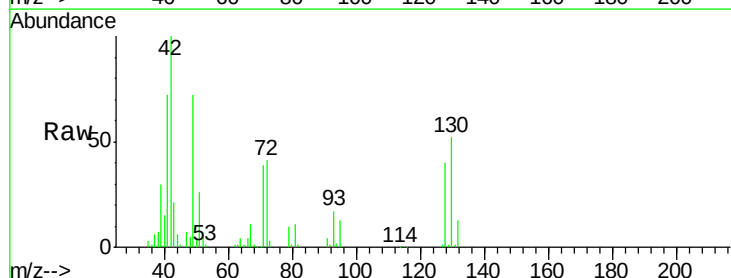
MMDadoda
1/28/2020 3:40:31 PM

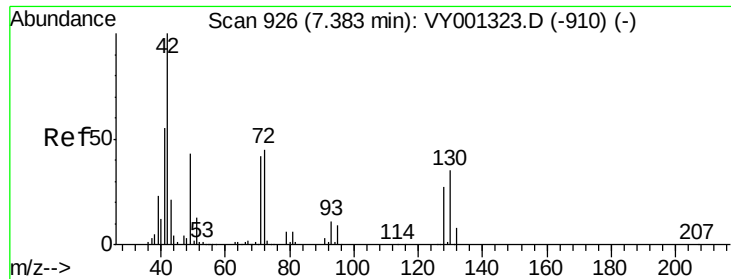


#28

Bromochloromethane
Concen: 18.511 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33246		
129	1.9		0.0	4.0
130	72.8		58.9	88.3





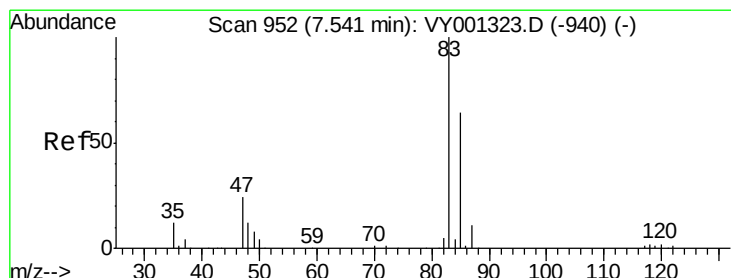
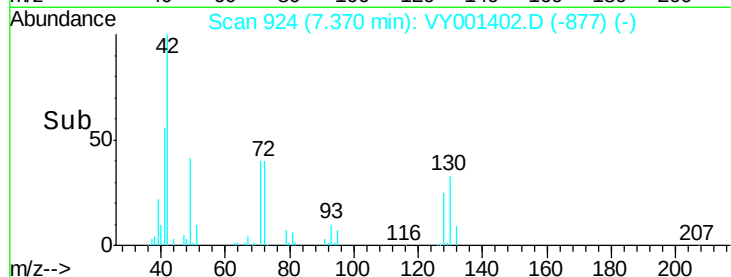
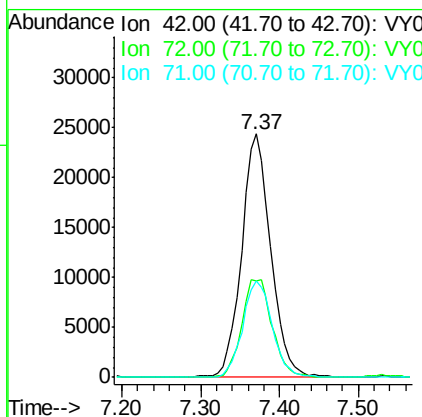
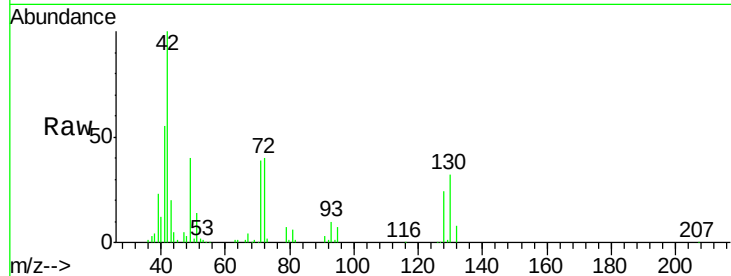
#29
Tetrahydrofuran
Concen: 98.871 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.6	51.8
71	40.2	32.6	48.8

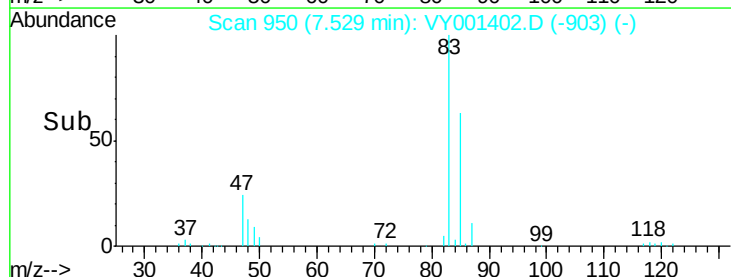
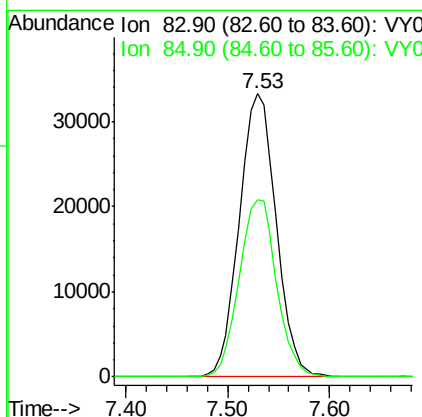
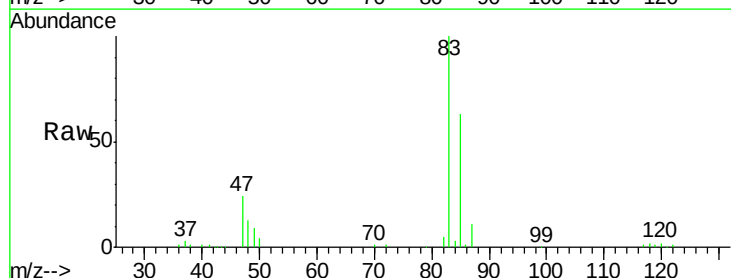
Manual Integrations
APPROVED

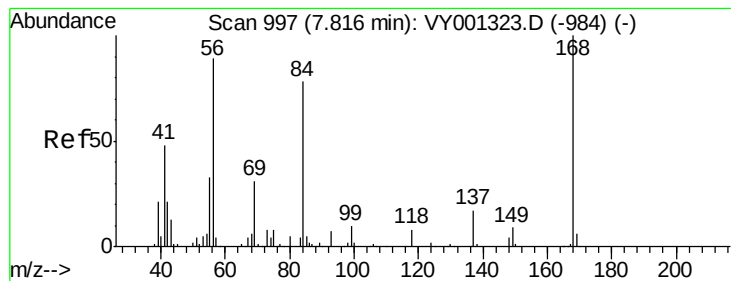
MMDadoda
1/28/2020 3:40:31 PM



#30
Chloroform
Concen: 19.598 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.5	77.3





#31

Cyclohexane

Concen: 20.715 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

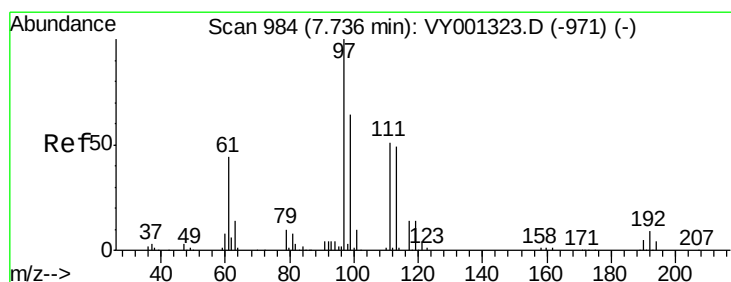
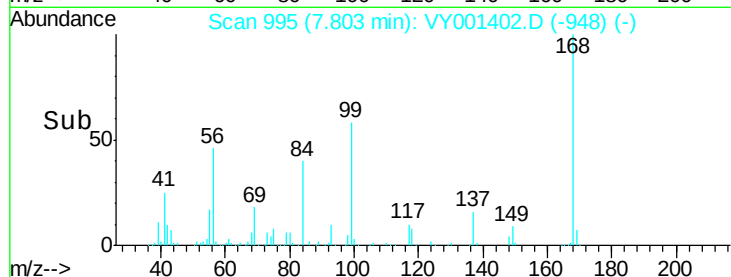
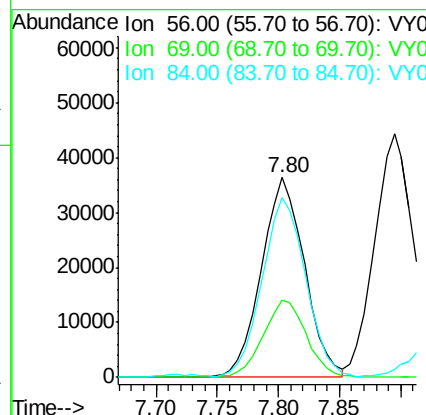
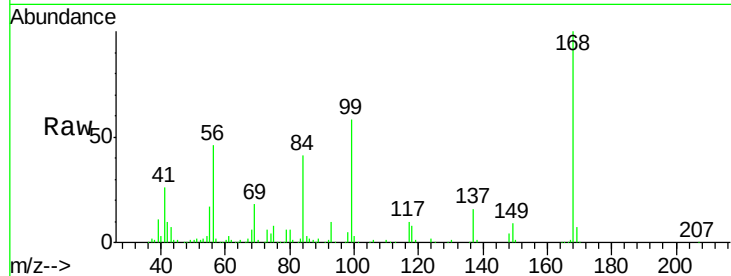
ClientSampleId :

VY0127SBS01

Tot Ion:	56	Resp:	89575
Ion	Ratio	Lower	Upper
56	100		
69	38.8	27.6	41.4
84	88.1	69.7	104.5

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:31 PM



#32

1,1,1-Trichloroethane

Concen: 20.113 ug/l

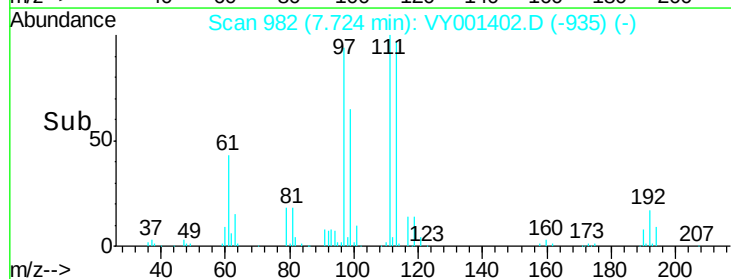
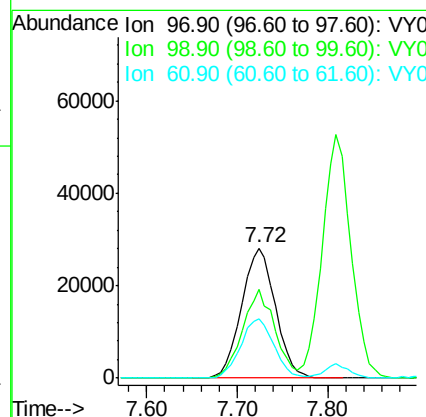
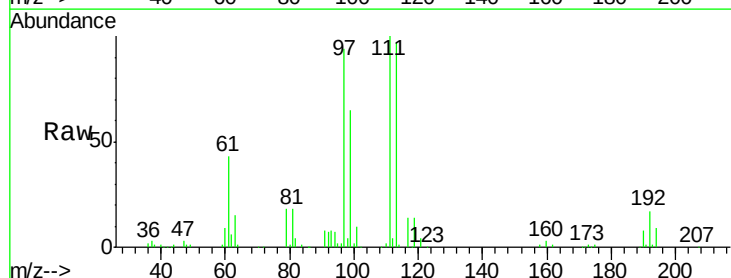
RT: 7.72 min Scan# 982

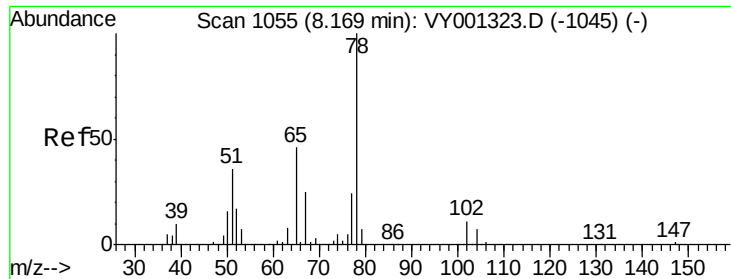
Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Tgt Ion:	97	Resp:	72496
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.3	76.9
61	44.9	35.9	53.9





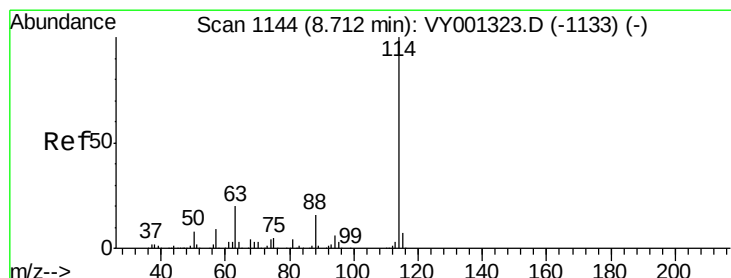
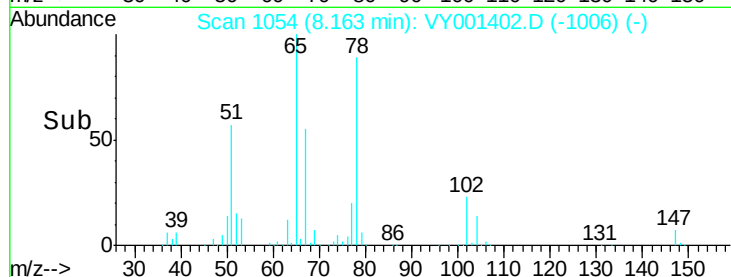
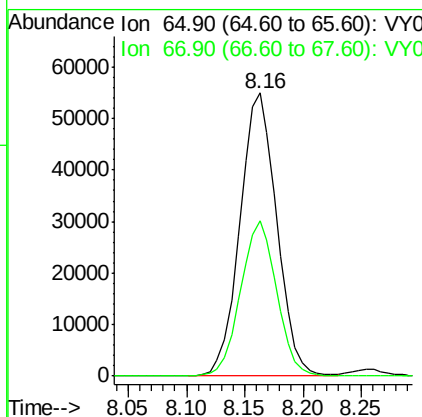
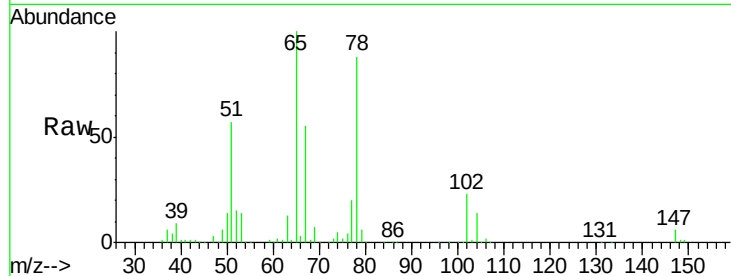
#33
 1,2-Dichloroethane-d4
 Concen: 54.108 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	120994		
67	53.9	0.0	108.6	

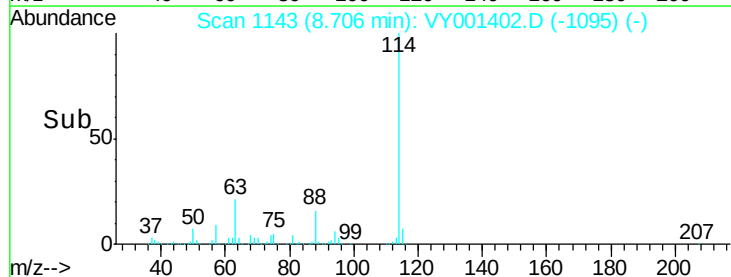
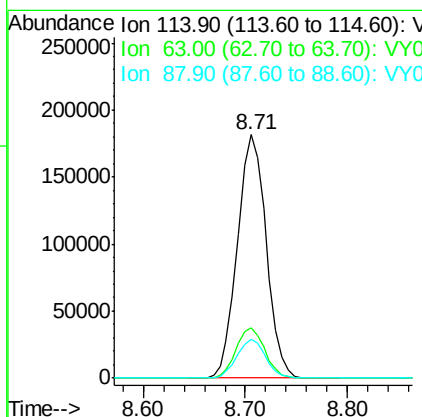
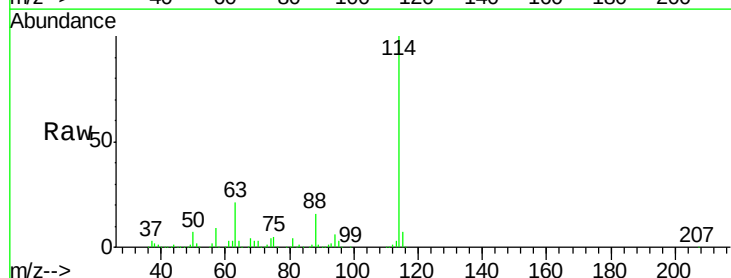
Manual Integrations
 APPROVED

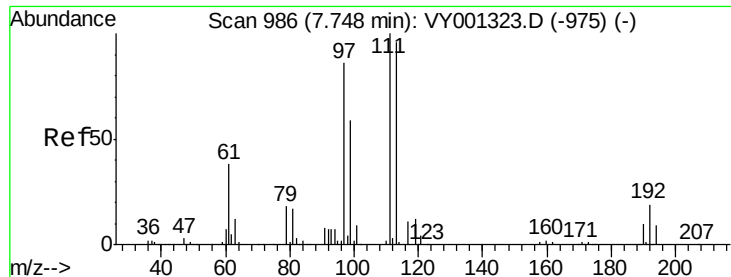
MMDadoda
 1/28/2020 3:40:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	355413		
63	20.6	0.0	40.8	
88	16.2	0.0	31.0	





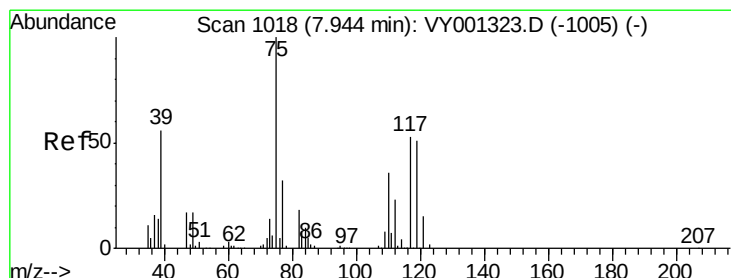
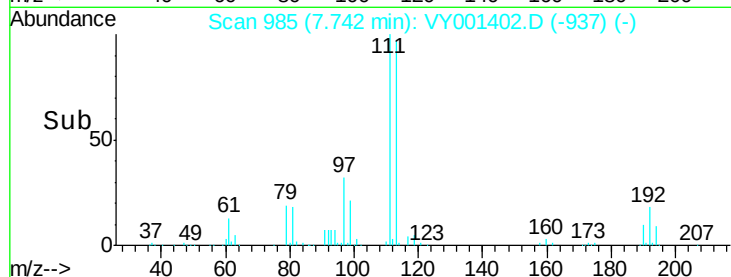
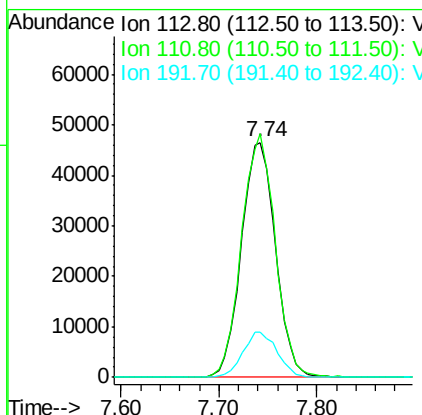
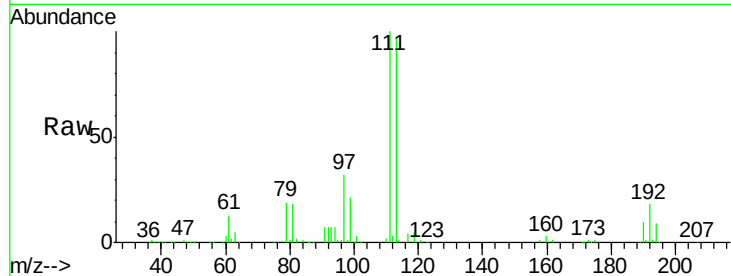
#35
 Dibromofluoromethane
 Concen: 54.064 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112776		
111	102.4	82.8	124.2	
192	19.2	15.5	23.3	

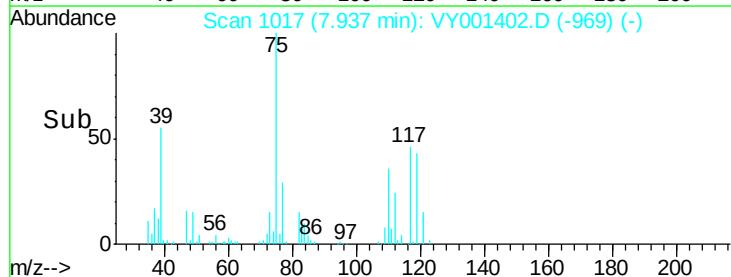
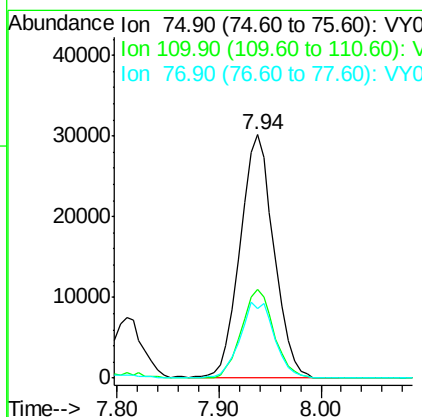
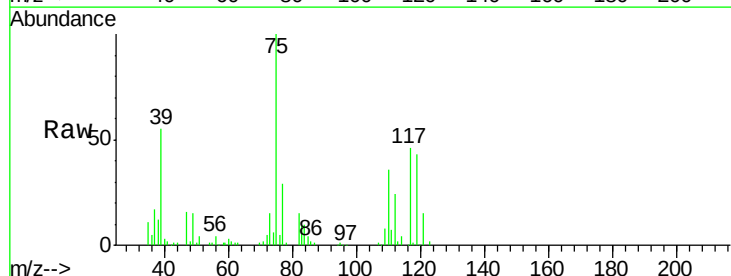
Manual Integrations
 APPROVED

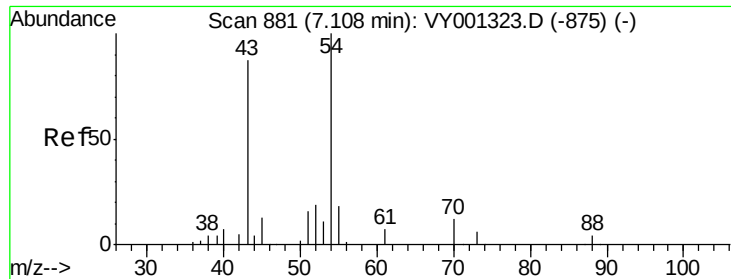
MMDadoda
 1/28/2020 3:40:31 PM



#36
 1,1-Dichloropropene
 Concen: 20.710 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69538		
110	34.9	17.6	52.8	
77	31.8	24.7	37.1	





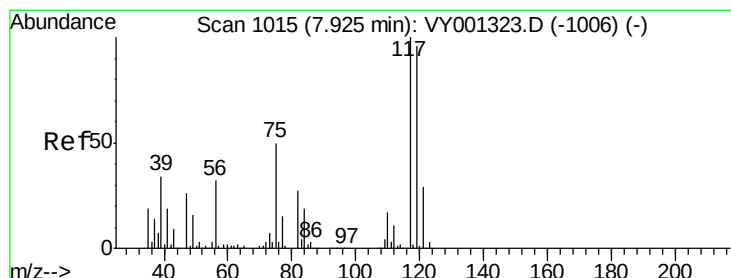
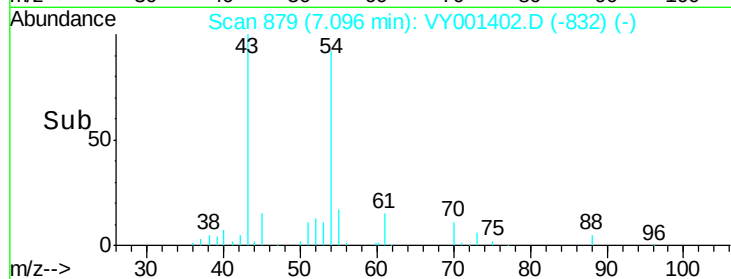
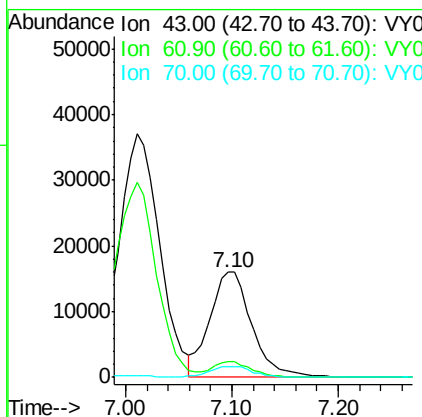
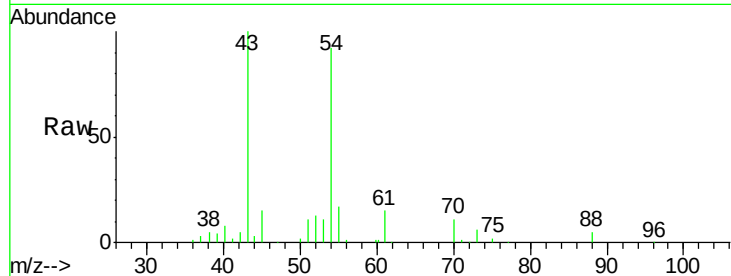
#37
Ethyl Acetate
Concen: 21.181 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	11.0	8.7	13.1

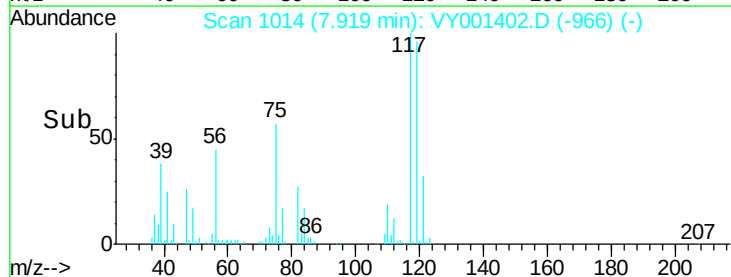
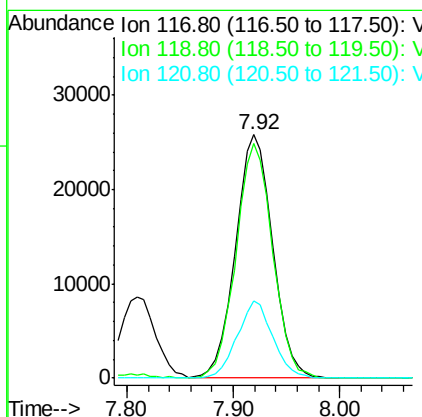
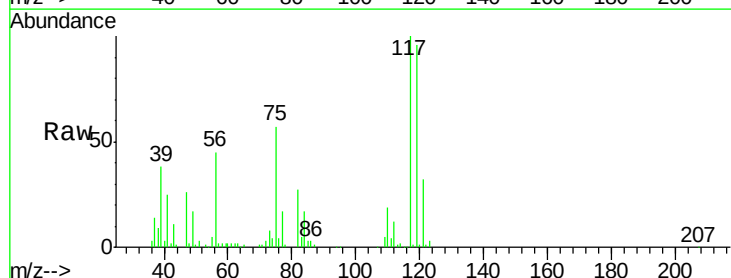
Manual Integrations
APPROVED

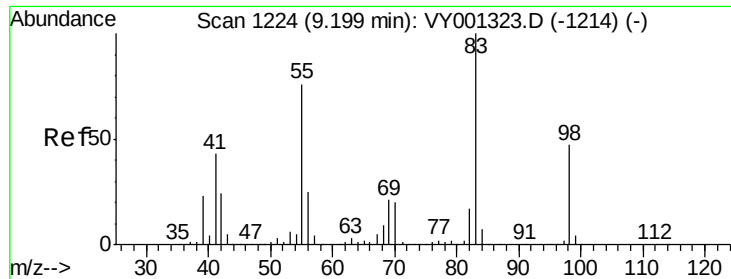
MMDadoda
1/28/2020 3:40:31 PM



#38
Carbon Tetrachloride
Concen: 21.088 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.3	114.5
121	31.5	23.5	35.3





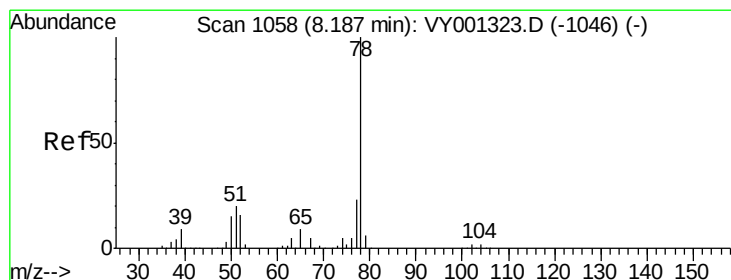
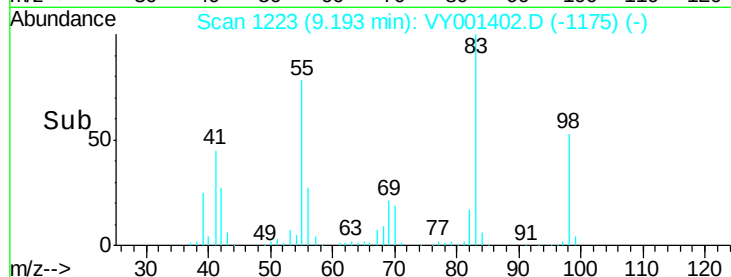
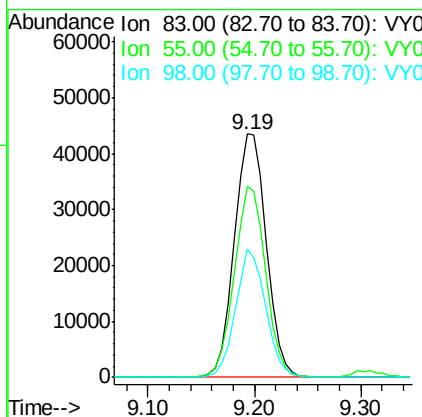
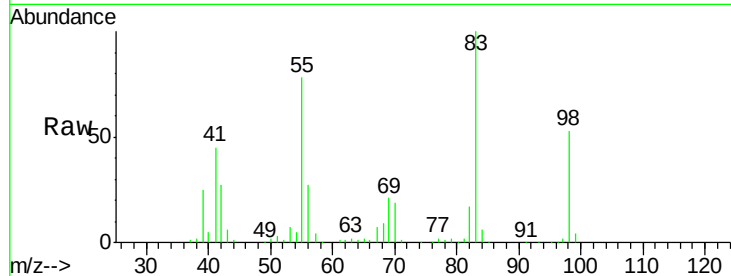
#39
Methylvlcyclohexane
Concen: 21.440 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	83	Resp	92224
Ion Ratio	100	Lower	Upper
83	100		
55	78.4	60.7	91.1
98	52.6	37.8	56.8

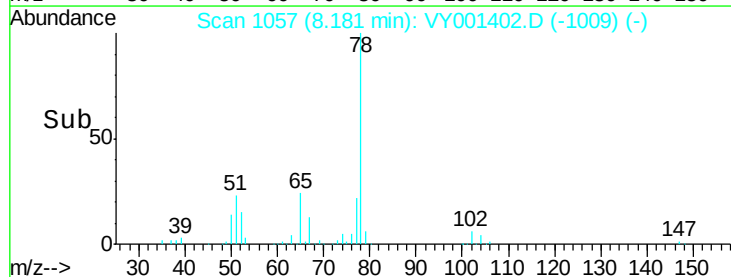
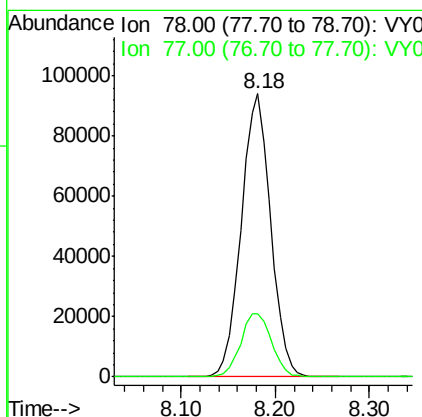
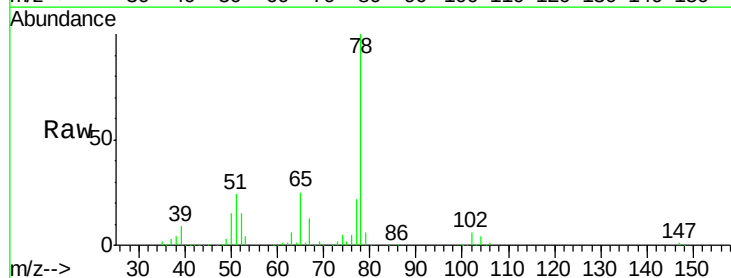
Manual Integrations
APPROVED

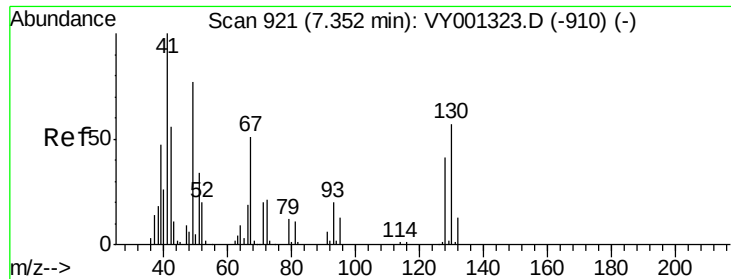
MMDadoda
1/28/2020 3:40:31 PM



#40
Benzene
Concen: 20.342 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	78	Resp	204803
Ion Ratio	100	Lower	Upper
78	100		
77	22.2	18.6	27.8





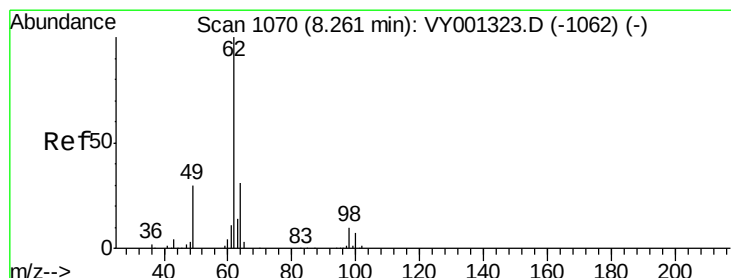
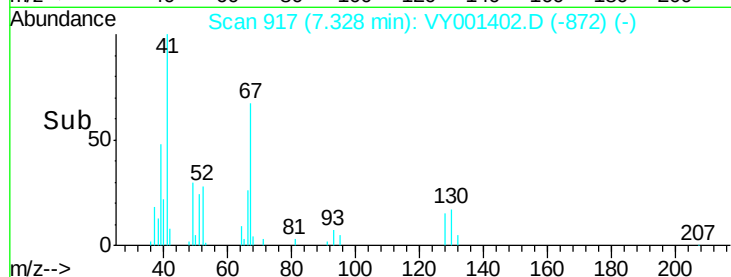
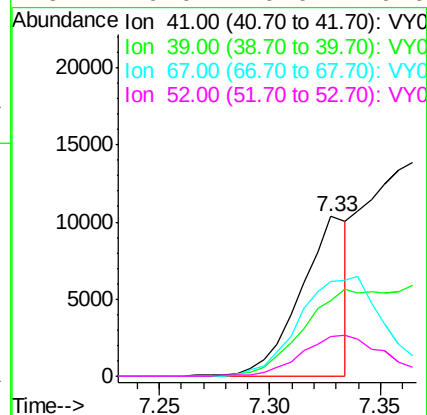
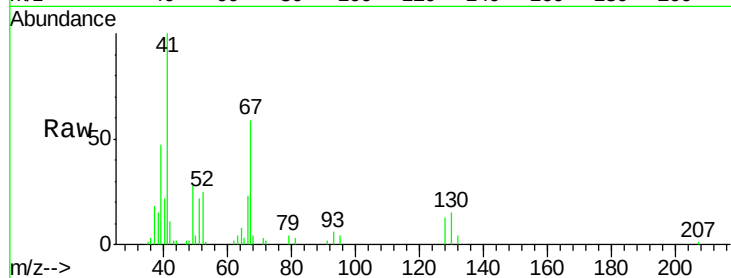
#41
Methacrylonitrile
Concen: 14.694 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	41	Resp:	15556
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

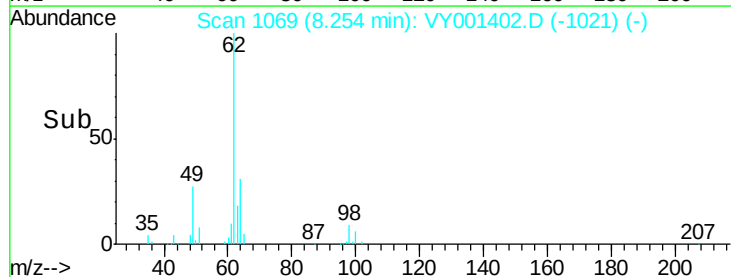
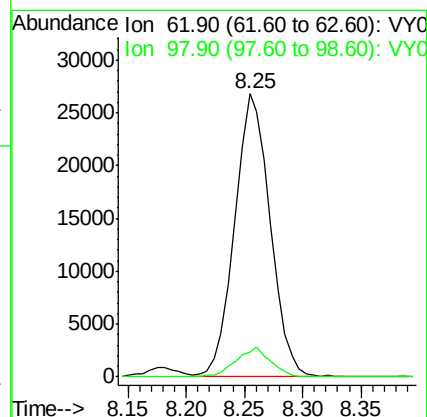
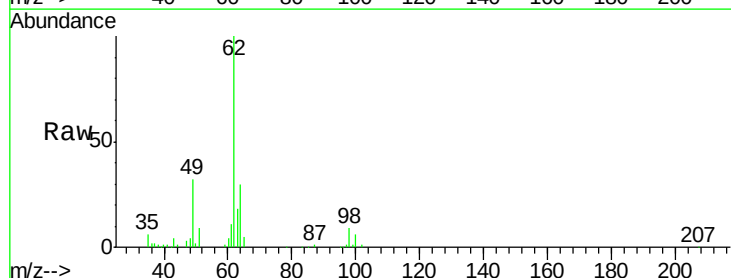
Manual Integrations
APPROVED

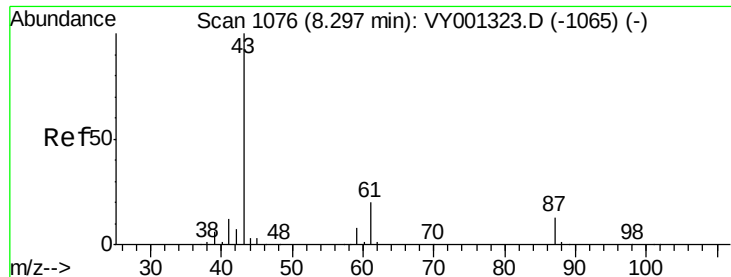
MMDadoda
1/28/2020 3:40:31 PM



#42
1,2-Dichloroethane
Concen: 20.243 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	62	Resp:	56947
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.8





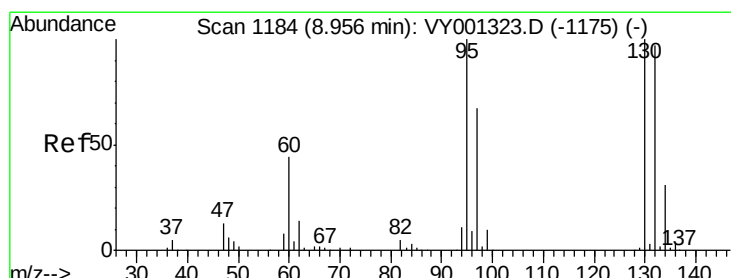
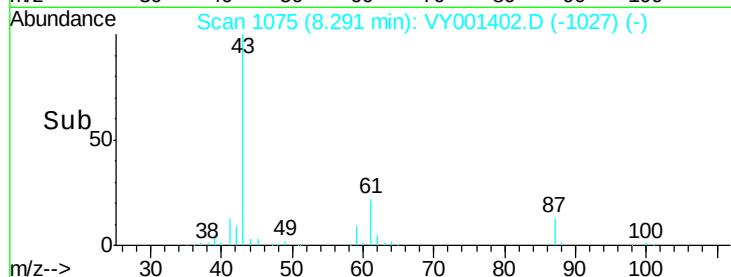
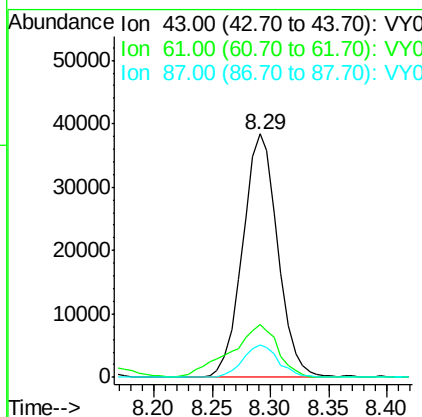
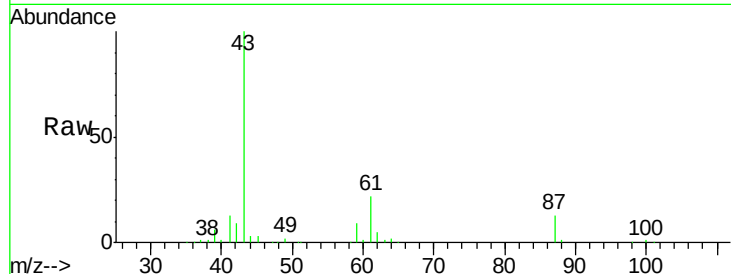
#43
Isopropyl Acetate
Concen: 20.148 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	22.7	34.1
87	13.5	11.0	16.4

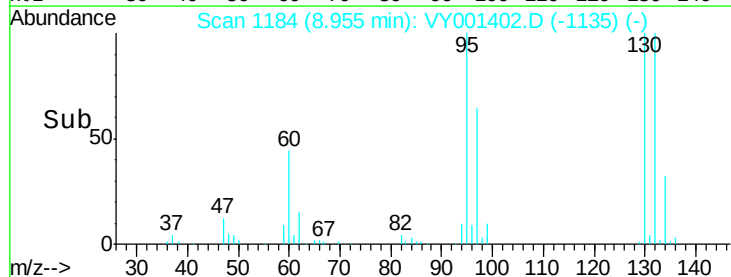
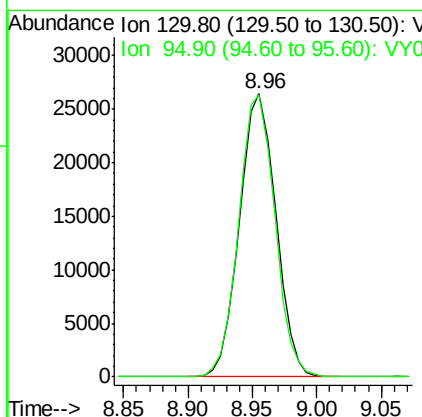
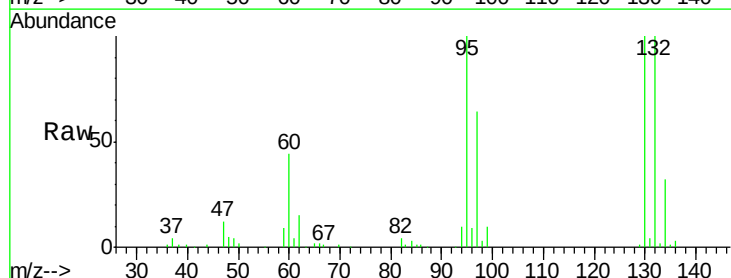
Manual Integrations
APPROVED

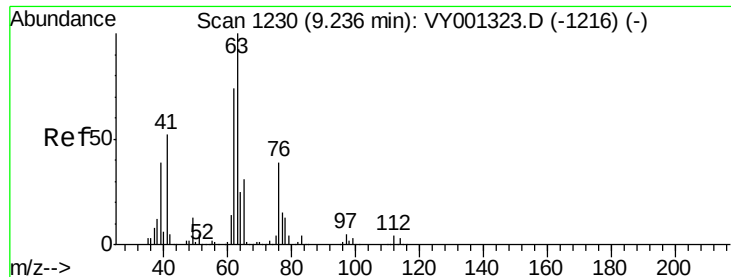
MMDadoda
1/28/2020 3:40:31 PM



#44
Trichloroethene
Concen: 20.066 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	200.0





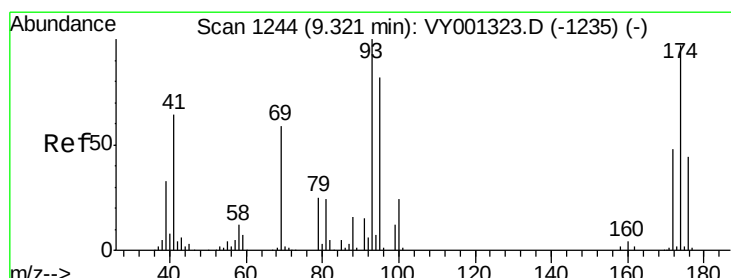
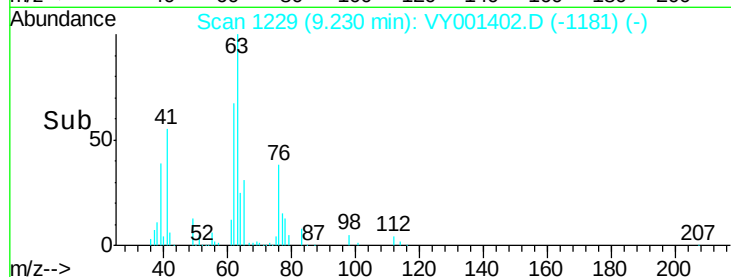
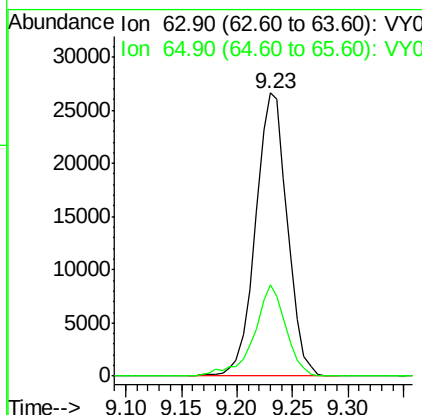
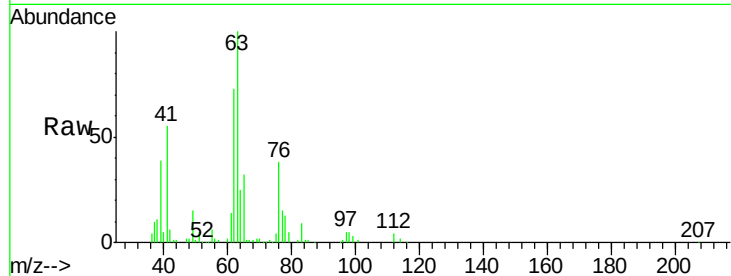
#45
 1,2-Dichloropropane
 Concen: 20.728 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.9	37.3

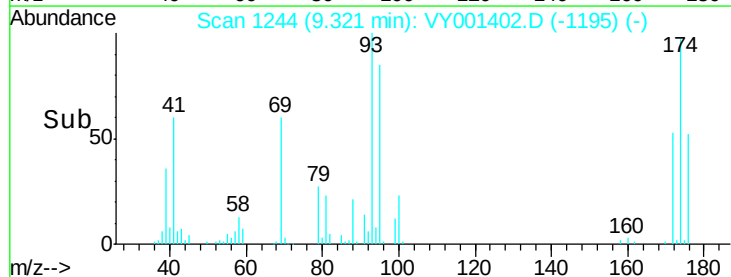
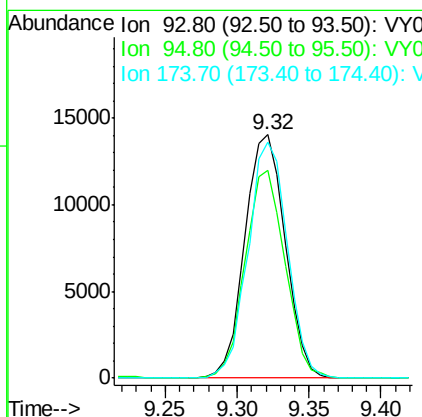
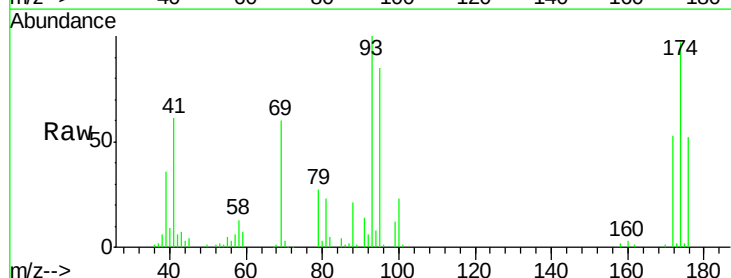
Manual Integrations
 APPROVED

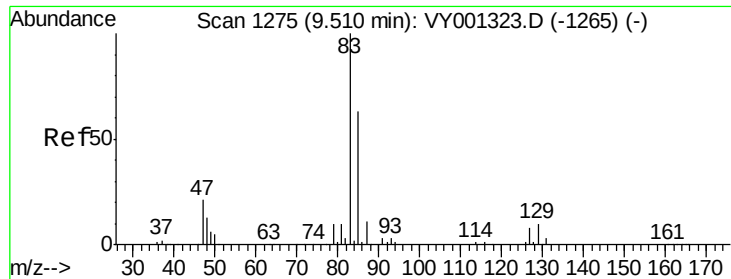
MMDadoda
 1/28/2020 3:40:31 PM



#46
 Dibromomethane
 Concen: 19.899 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.5	99.7
174	94.6	77.9	116.9





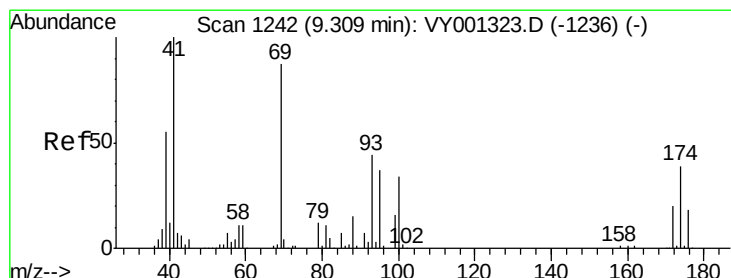
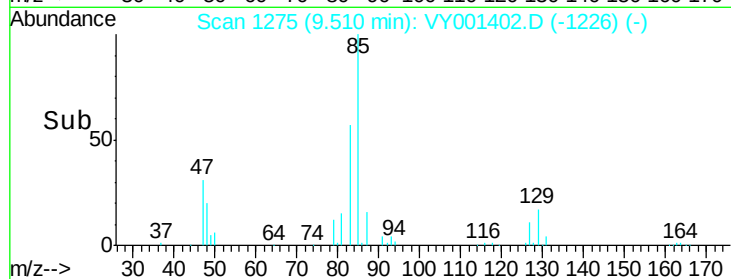
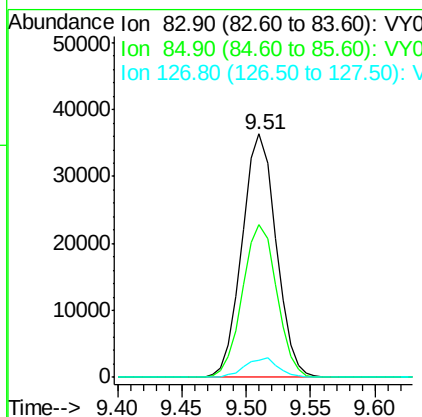
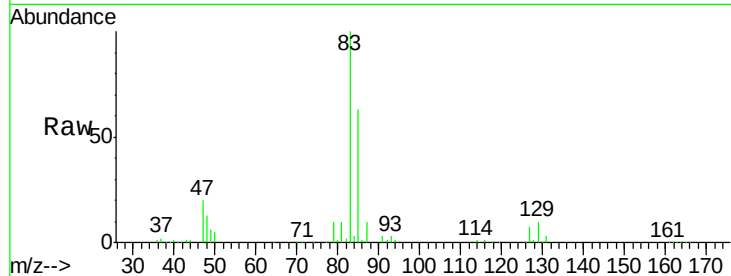
#47
Bromodichloromethane
Concen: 20.397 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	83	Resp	66623
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	50.2	75.2
127	7.1	6.4	9.6

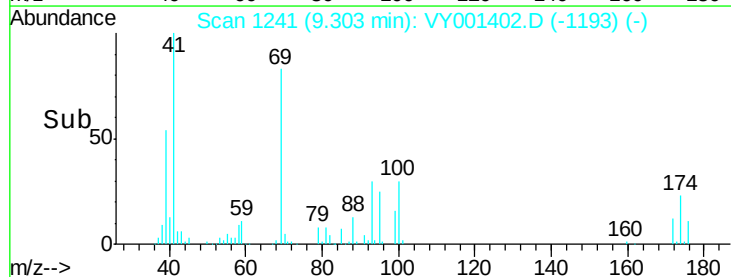
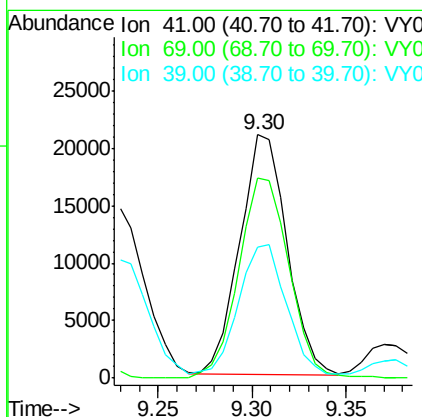
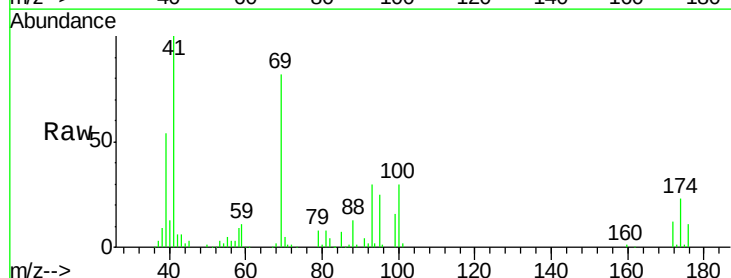
Manual Integrations
APPROVED

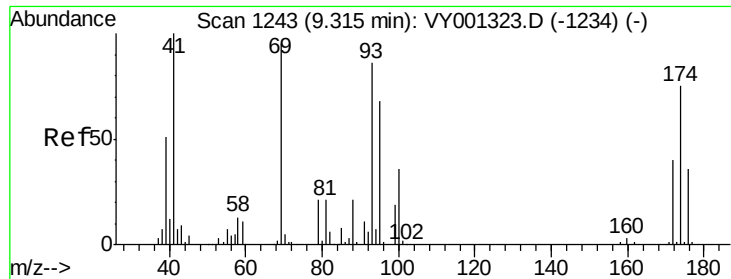
MMDadoda
1/28/2020 3:40:31 PM



#48
Methyl methacrylate
Concen: 20.067 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	41	Resp	36391
Ion Ratio	100	Lower	Upper
41	100		
69	88.7	70.2	105.4
39	58.3	45.7	68.5





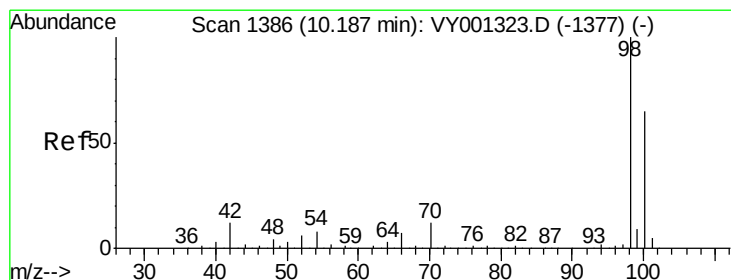
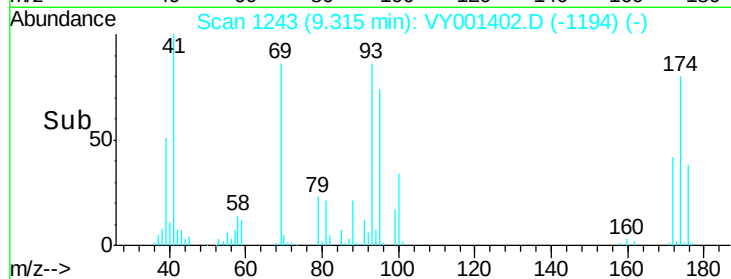
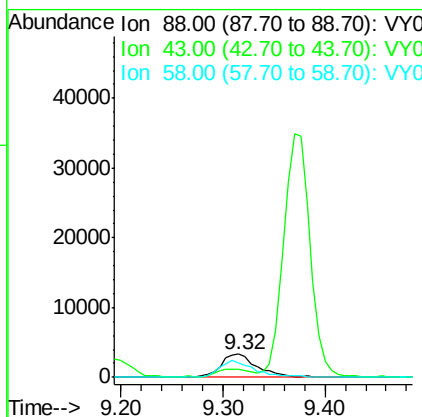
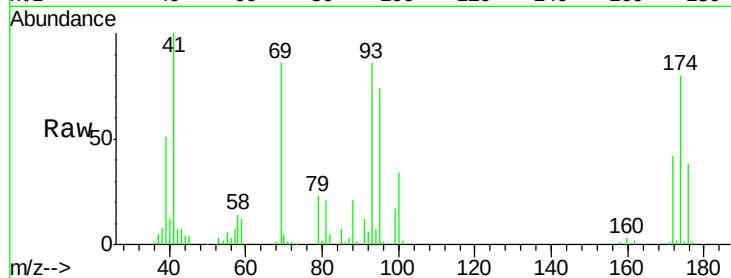
#49
 1,4-Dioxane
 Concen: 425.930 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	28.2	42.2
58	68.2	55.6	83.4

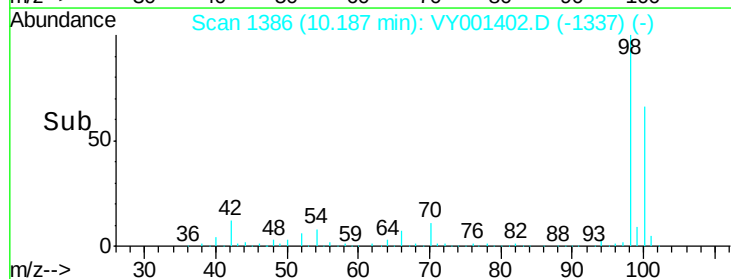
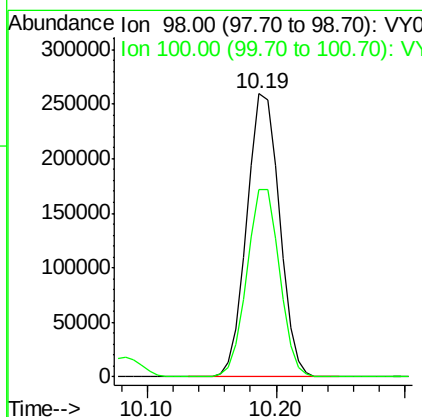
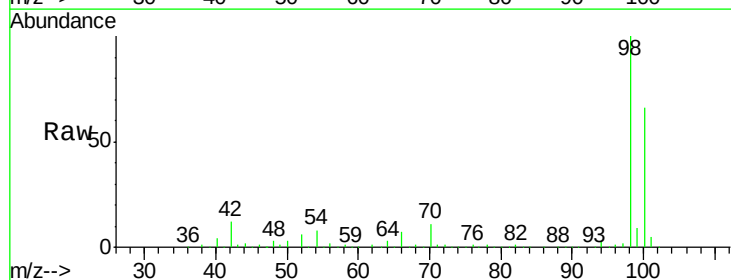
Manual Integrations
 APPROVED

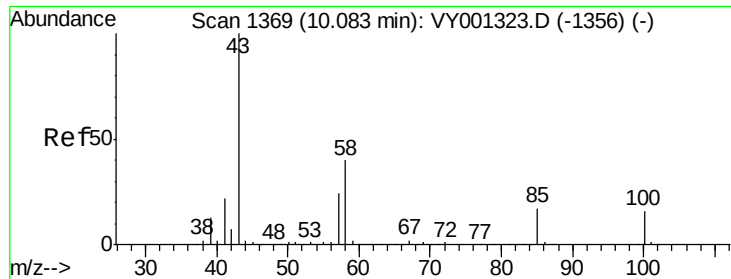
MMDadoda
 1/28/2020 3:40:31 PM



#50
 Toluene-d8
 Concen: 56.184 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	79.0





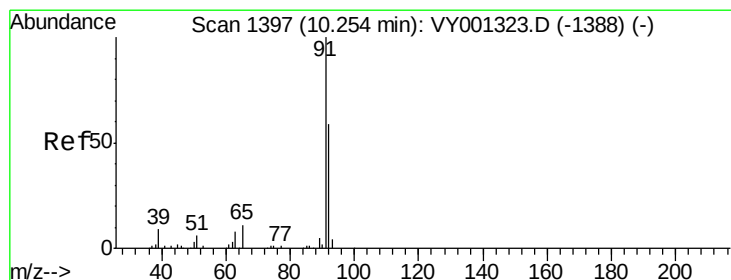
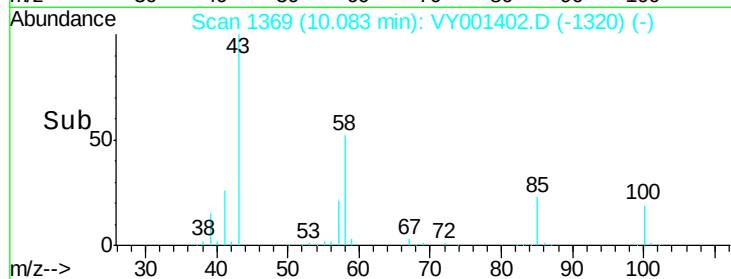
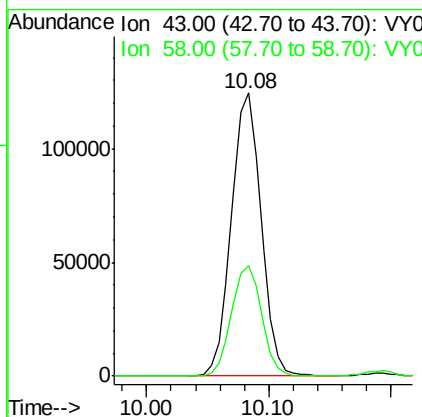
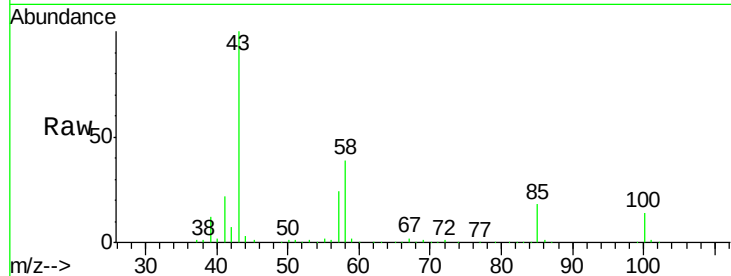
#51
4-Methyl-2-Pentanone
Concen: 102.238 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.5	47.3

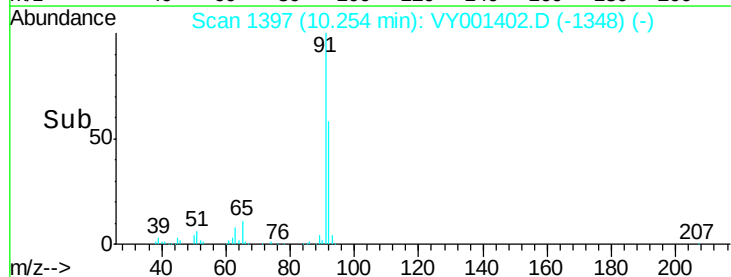
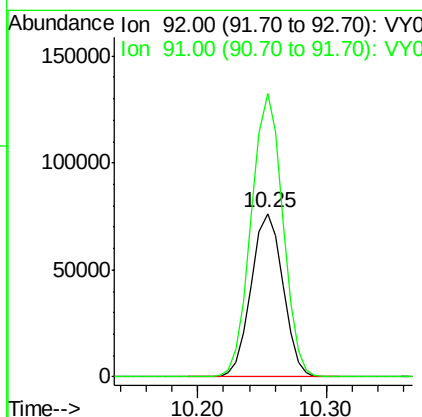
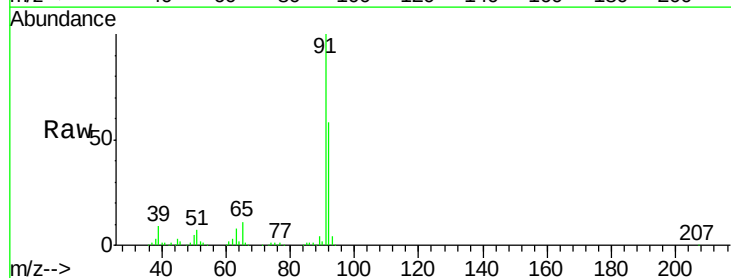
Manual Integrations
APPROVED

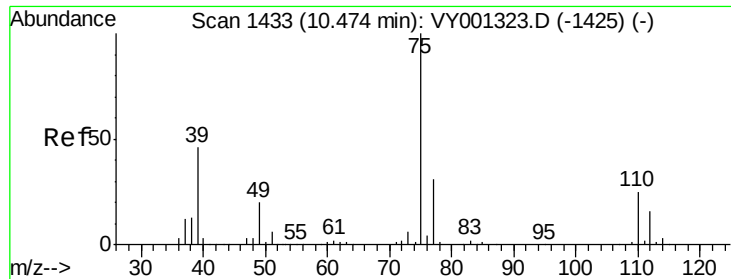
MMDadoda
1/28/2020 3:40:31 PM



#52
Toluene
Concen: 20.411 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.4	136.4	204.6





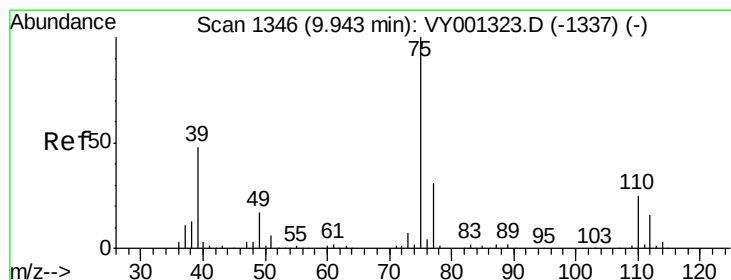
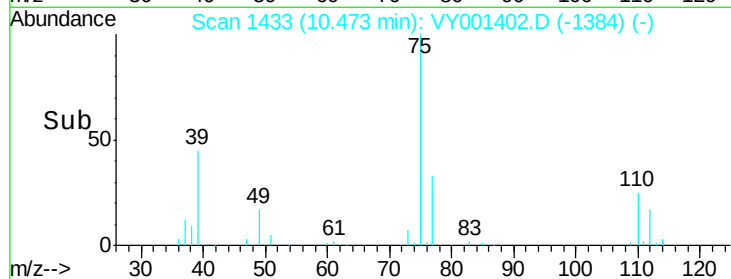
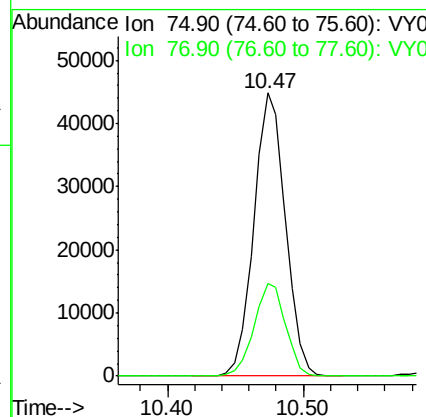
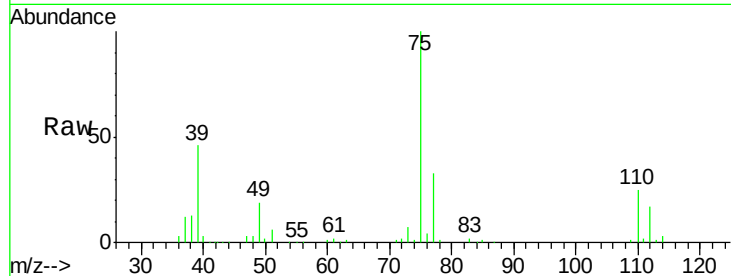
#53
t-1,3-Dichloropropene
Concen: 20.142 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion: 75 Resp: 72923
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8

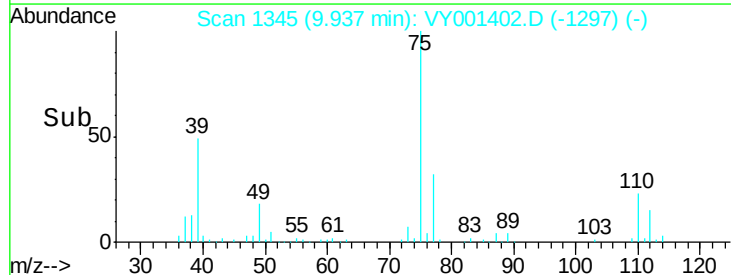
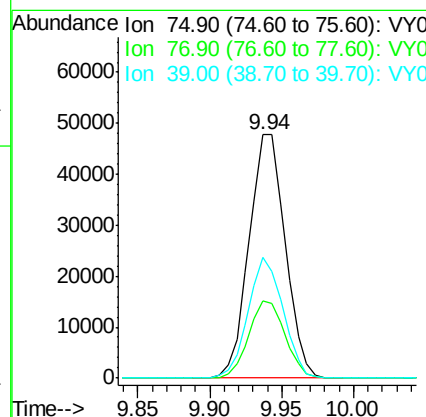
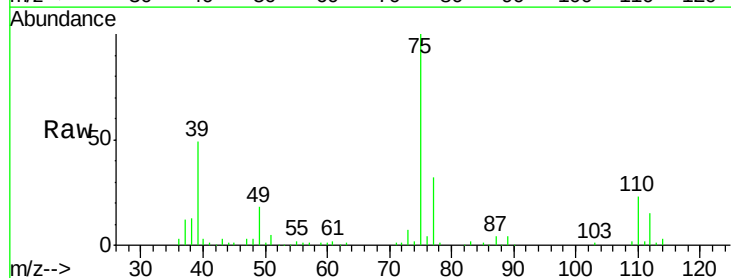
Manual Integrations
APPROVED

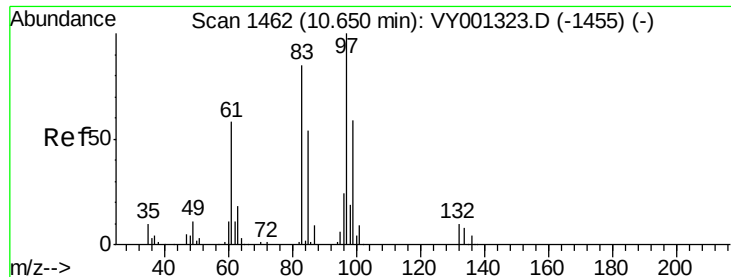
MMDadoda
1/28/2020 3:40:31 PM



#54
cis-1,3-Dichloropropene
Concen: 20.002 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion: 75 Resp: 83118
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6
39 49.5 38.2 57.4





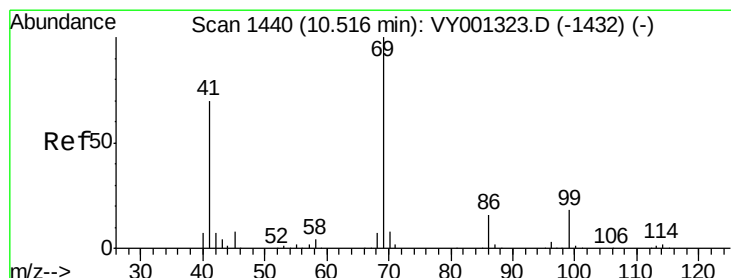
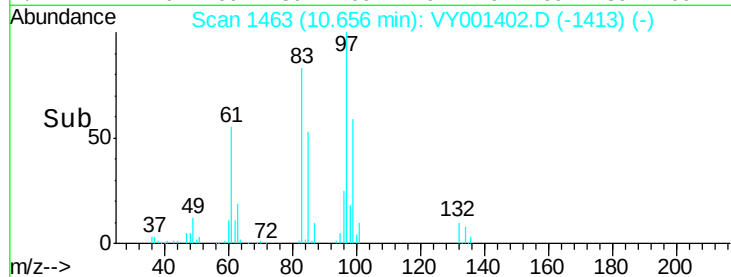
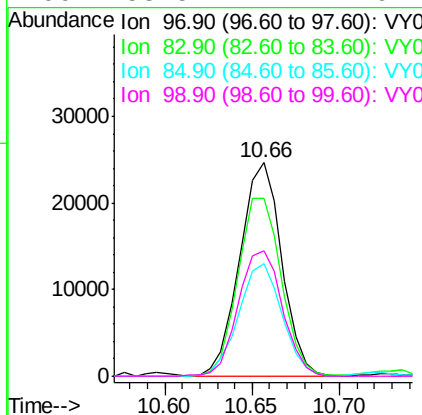
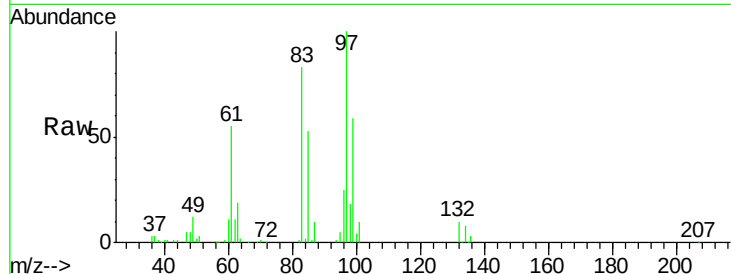
#55
 1,1,2-Trichloroethane
 Concen: 20.470 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		41282		
83	83.2	68.0	102.0		
85	52.6	43.6	65.4		
99	58.5	47.1	70.7		

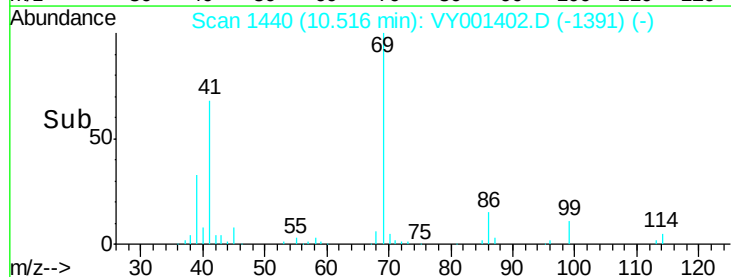
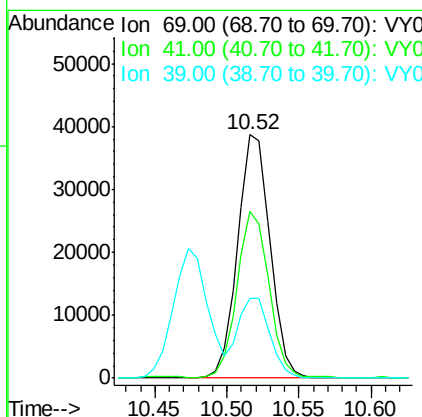
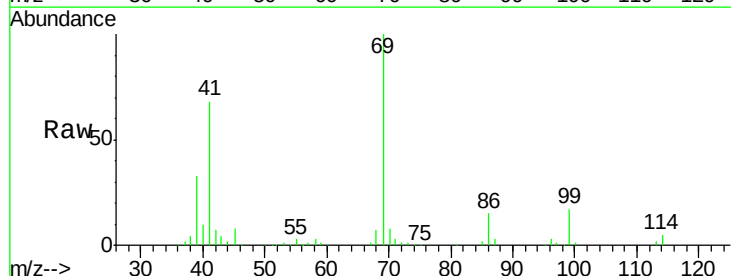
Manual Integrations
 APPROVED

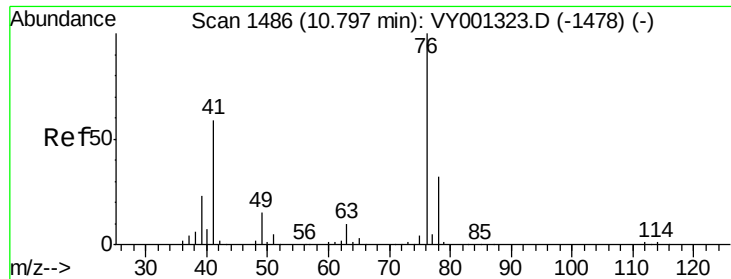
MMDadoda
 1/28/2020 3:40:31 PM



#56
 Ethyl methacrylate
 Concen: 19.933 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		60759		
41	67.3	54.1	81.1		
39	32.6	26.8	40.2		





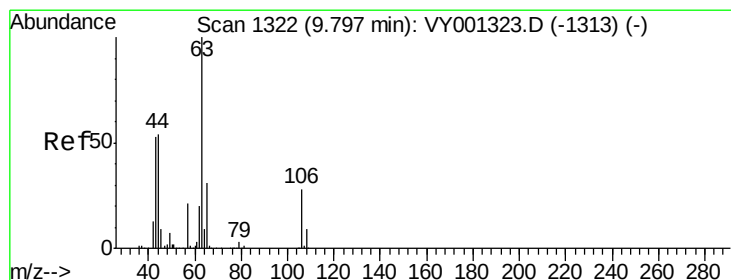
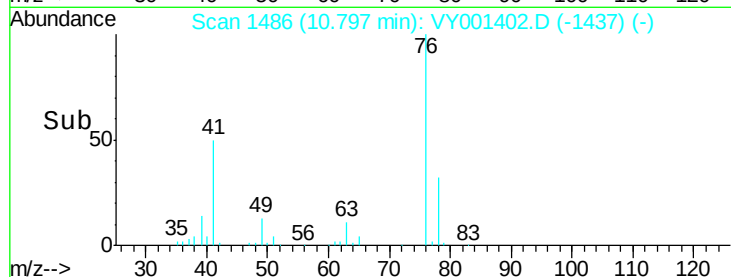
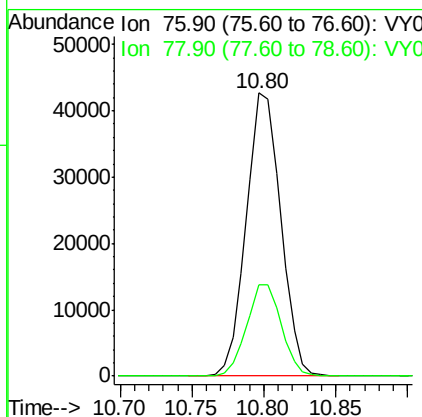
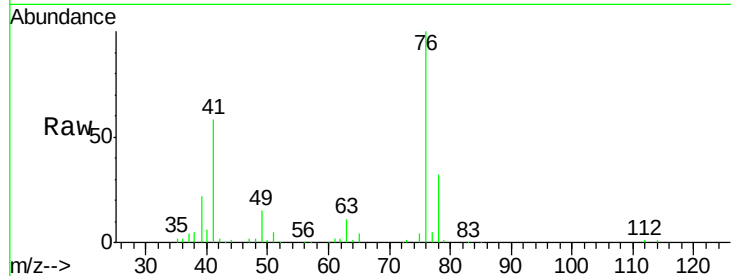
#57
 1,3-Dichloropropane
 Concen: 20.168 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion: 76 Resp: 70851
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8

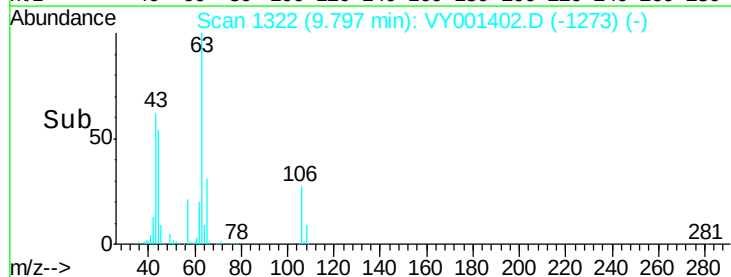
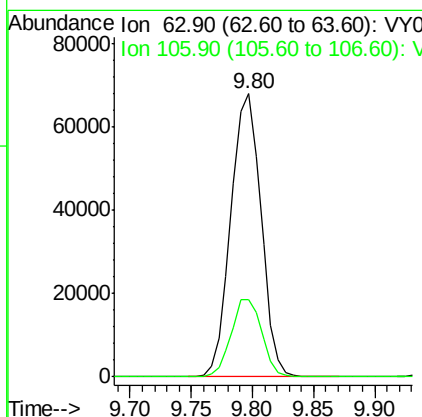
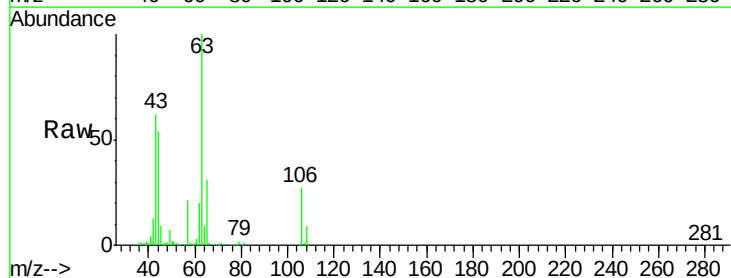
Manual Integrations
 APPROVED

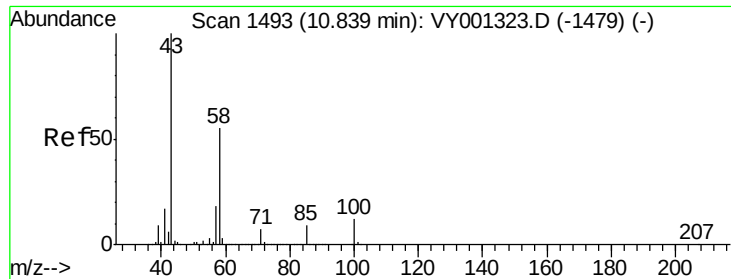
MMDadoda
 1/28/2020 3:40:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.127 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion: 63 Resp: 116158
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.5 33.7





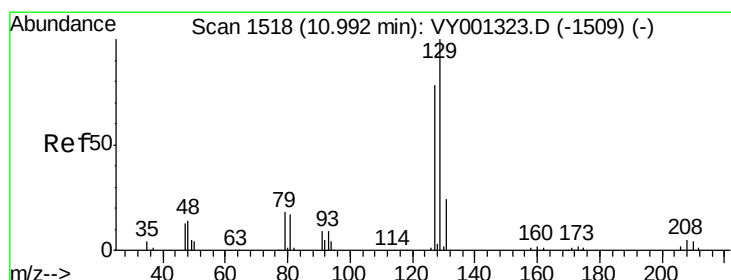
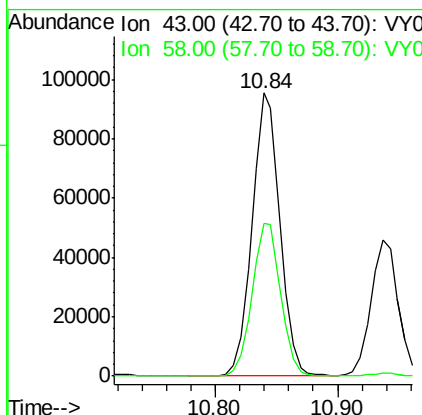
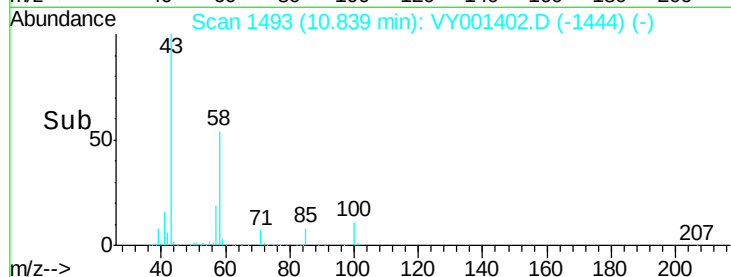
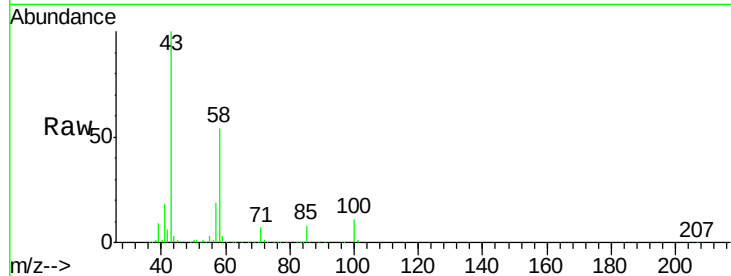
#59
2-Hexanone
Concen: 105.695 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion: 43 Resp: 151161
Ion Ratio Lower Upper
43 100
58 55.3 27.6 82.8

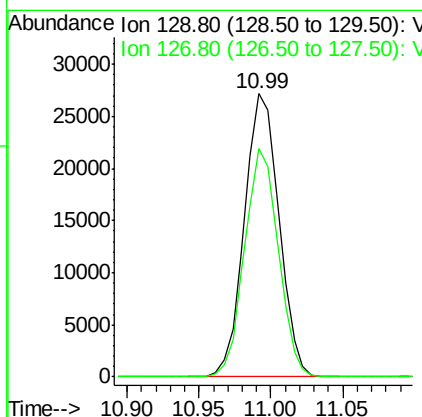
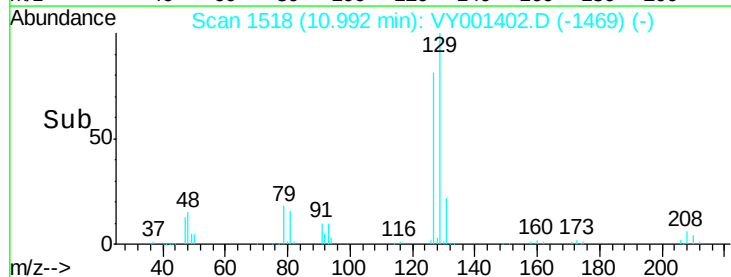
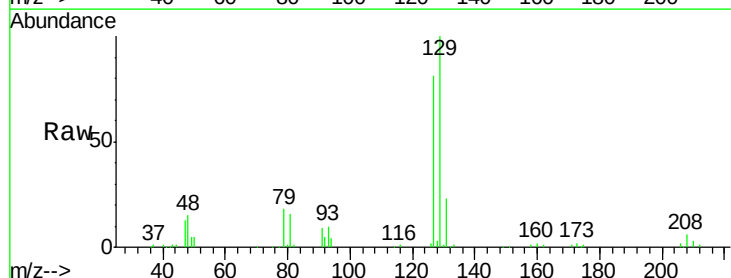
Manual Integrations
APPROVED

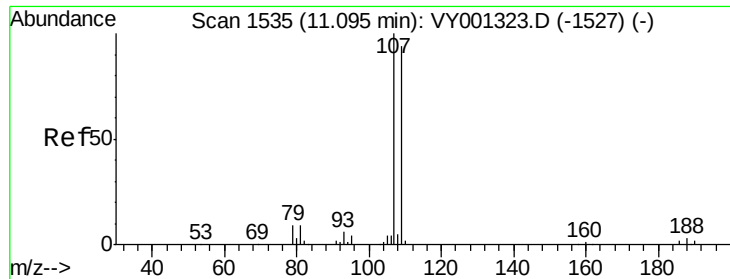
MMDadoda
1/28/2020 3:40:31 PM



#60
Dibromochloromethane
Concen: 20.045 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion:129 Resp: 45214
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





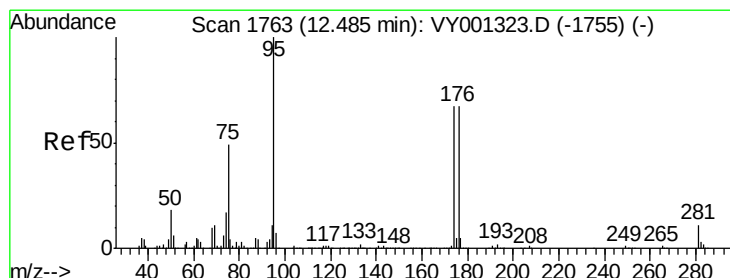
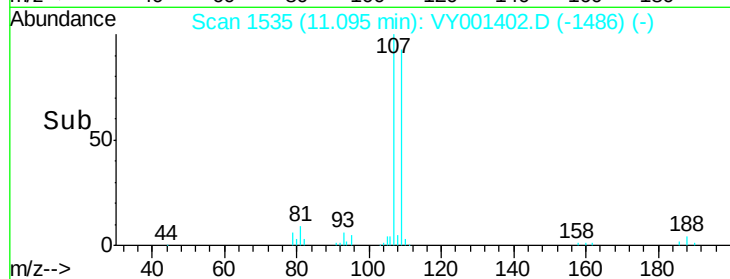
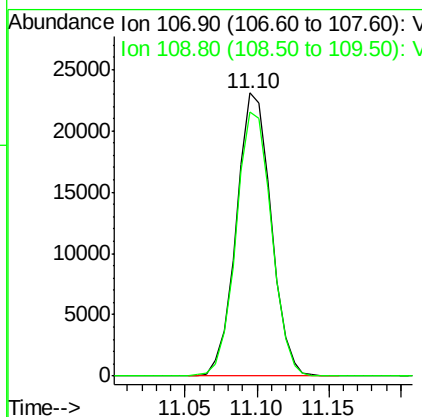
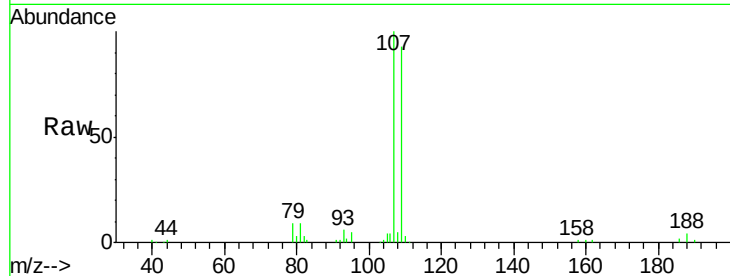
#61
 1,2-Dibromoethane
 Concen: 20.288 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.0	112.6

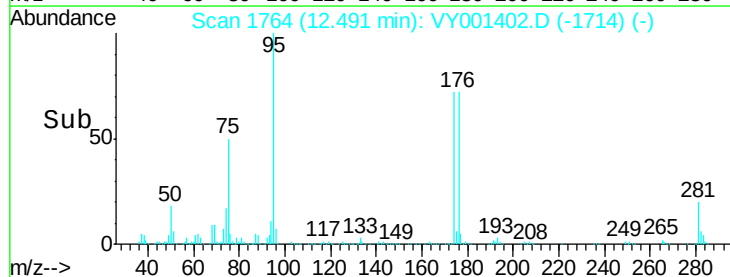
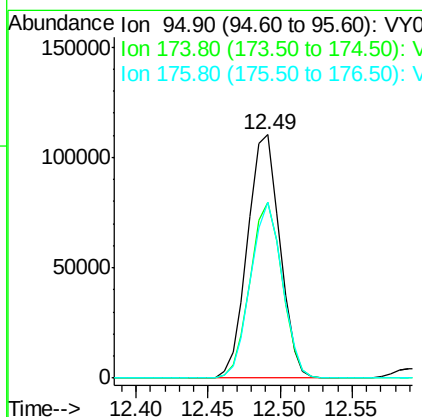
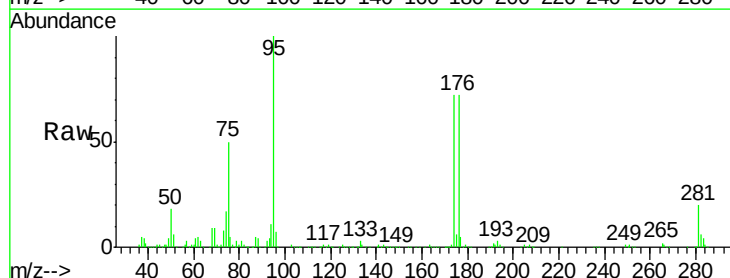
Manual Integrations
 APPROVED

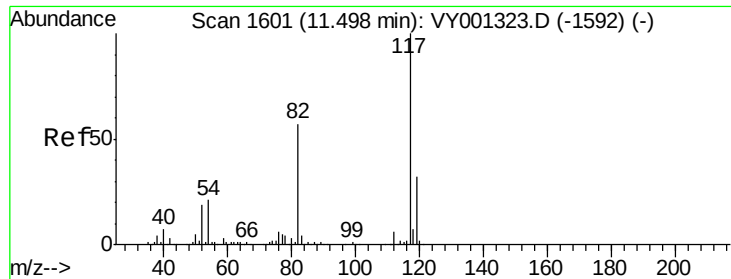
MMDadoda
 1/28/2020 3:40:31 PM



#62
 4-Bromofluorobenzene
 Concen: 52.972 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	142.0
176	70.9	0.0	138.6





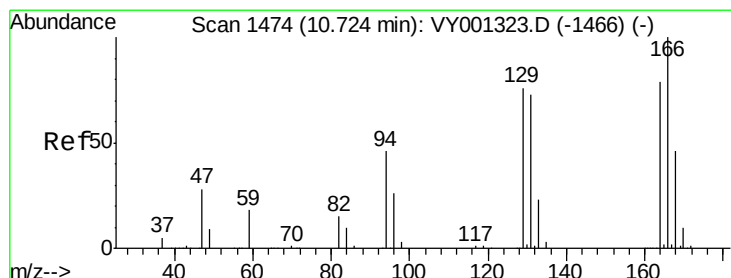
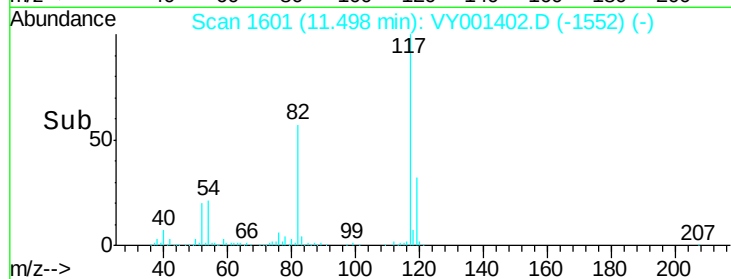
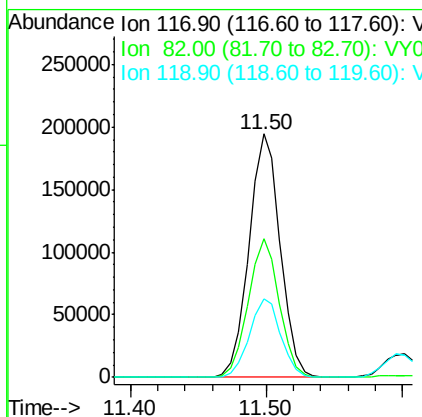
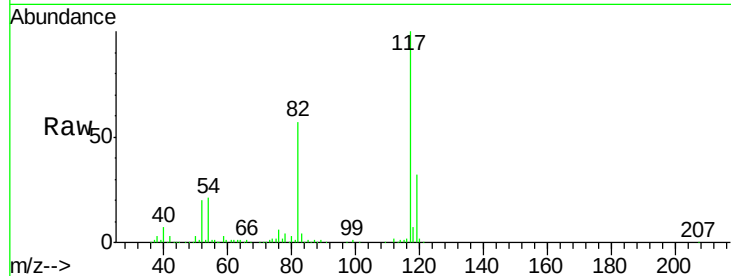
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.5	68.3
119	32.0	25.8	38.6

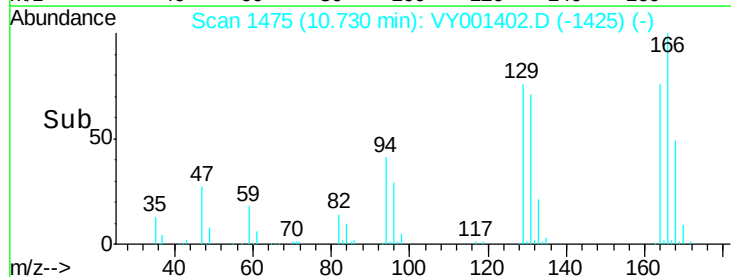
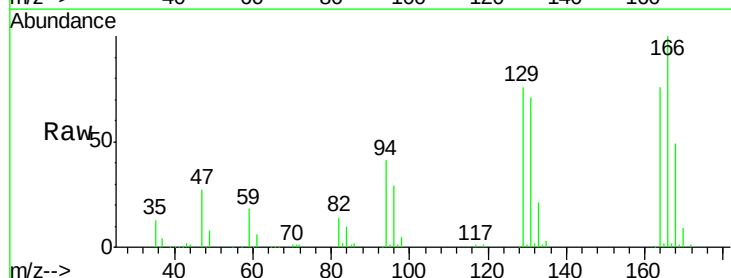
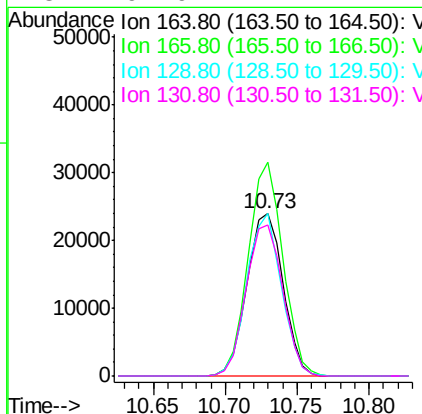
Manual Integrations
APPROVED

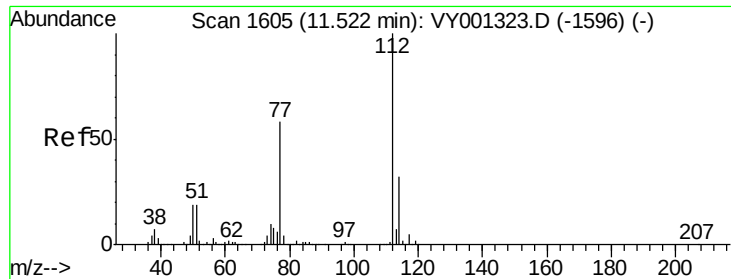
MMDadoda
1/28/2020 3:40:31 PM



#64
Tetrachloroethene
Concen: 20.850 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	101.8	152.8
129	99.9	77.1	115.7
131	92.9	74.2	111.2





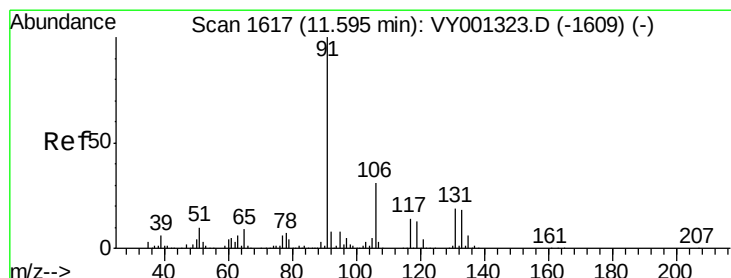
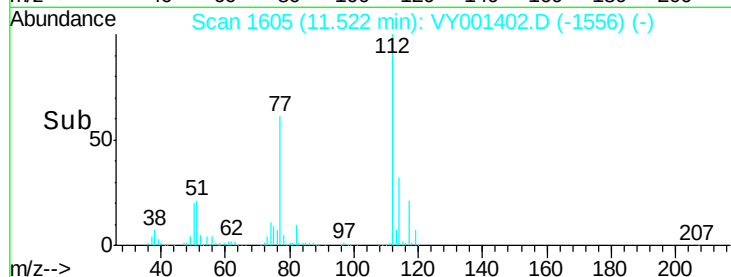
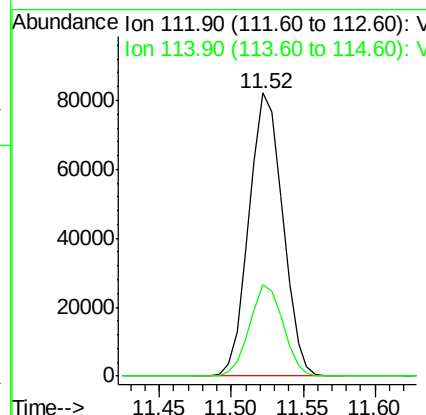
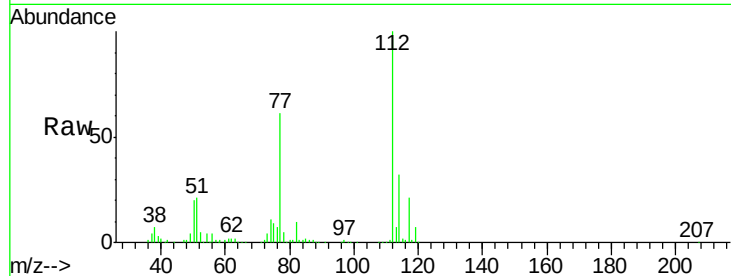
#65
Chlorobenzene
Concen: 20.241 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.6

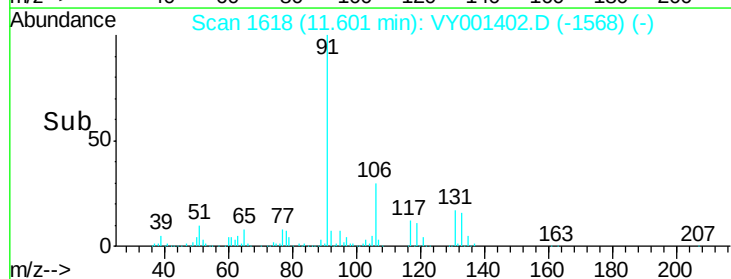
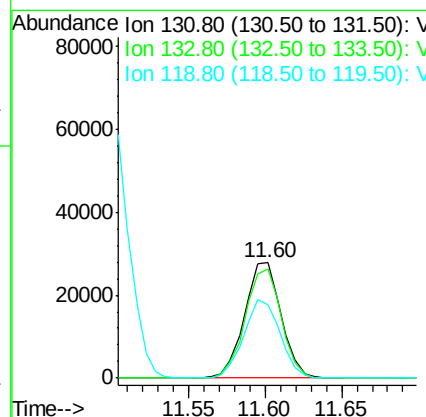
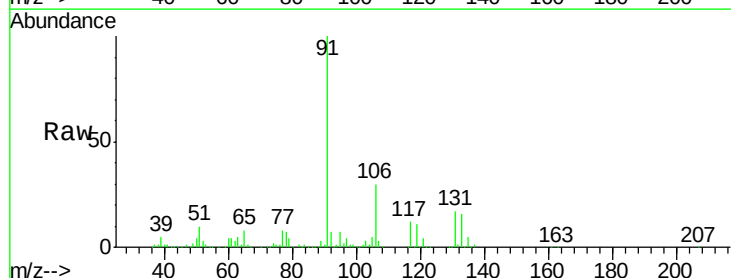
Manual Integrations
APPROVED

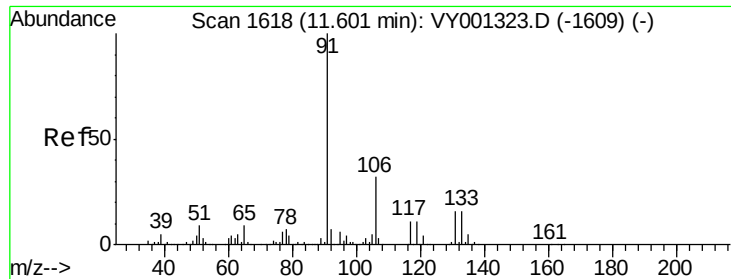
MMDadoda
1/28/2020 3:40:31 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.665 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.0	47.1	141.3
119	67.5	34.1	102.2





#67

Ethyl Benzene

Concen: 20.922 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion: 91 Resp: 253246

Ion Ratio Lower Upper

91 100

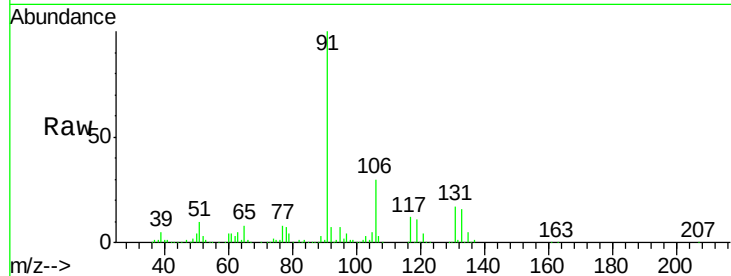
106 30.1 25.4 38.0

Manual Integrations

APPROVED

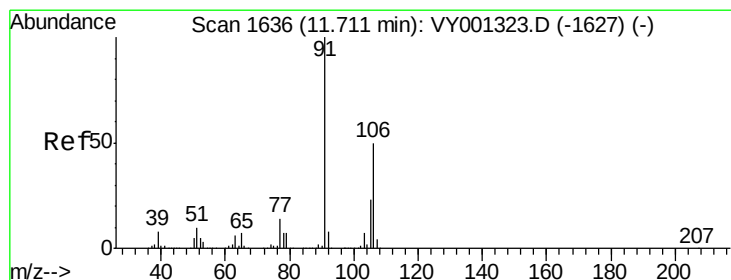
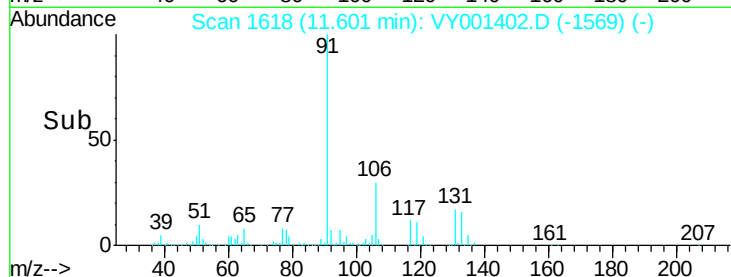
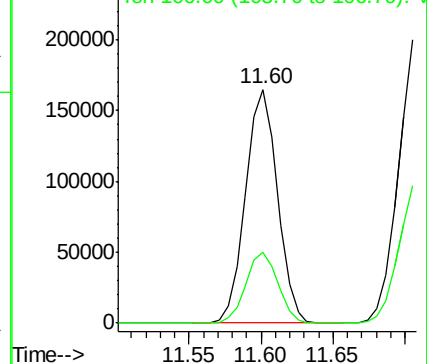
MMDadoda

1/28/2020 3:40:31 PM



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.351 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001402.D

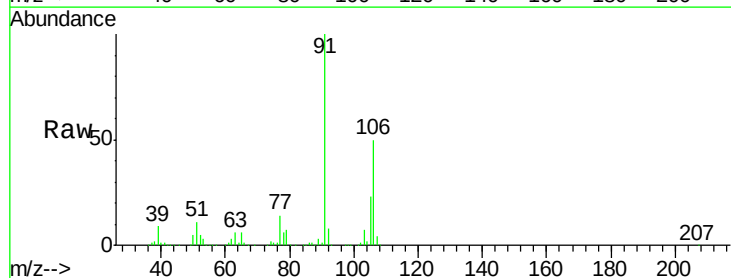
Acq: 27 Jan 2020 13:53

Tgt Ion:106 Resp: 186939

Ion Ratio Lower Upper

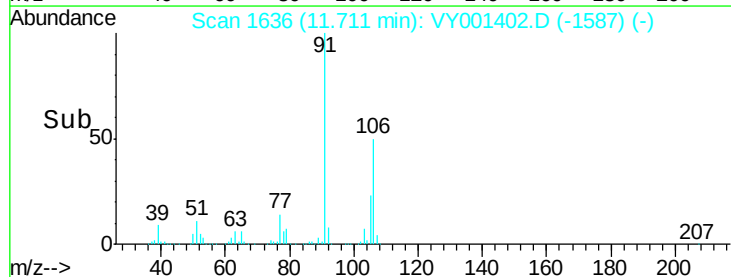
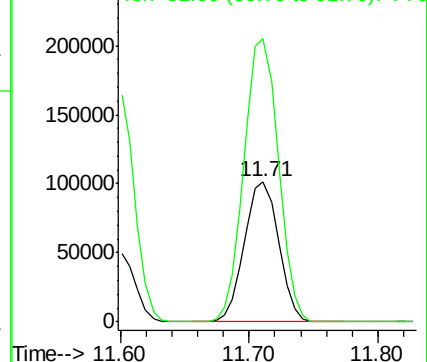
106 100

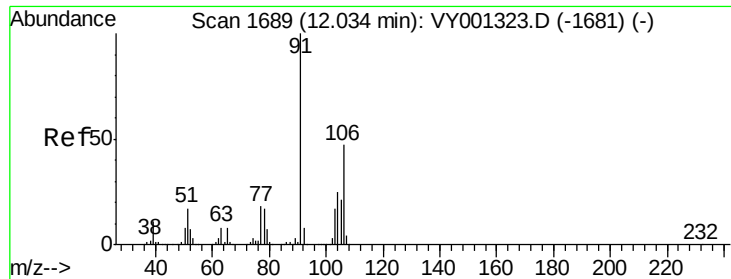
91 203.2 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





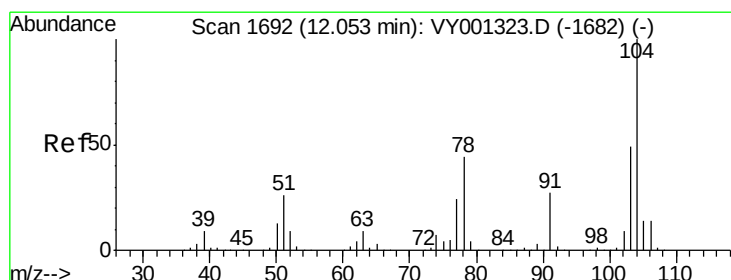
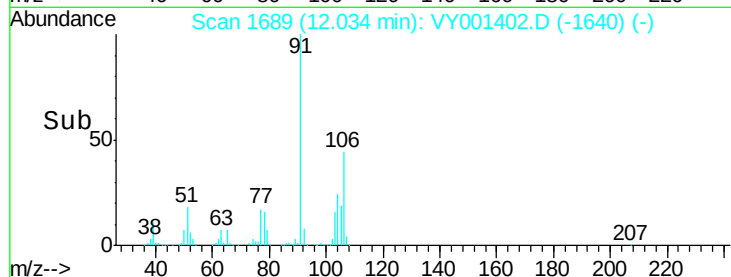
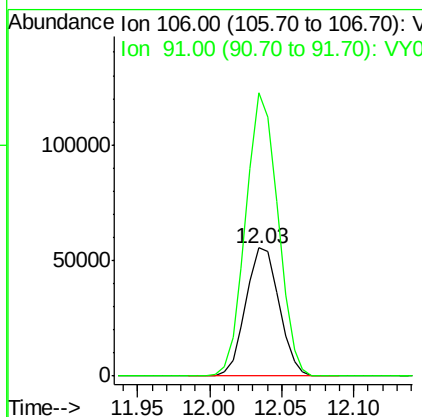
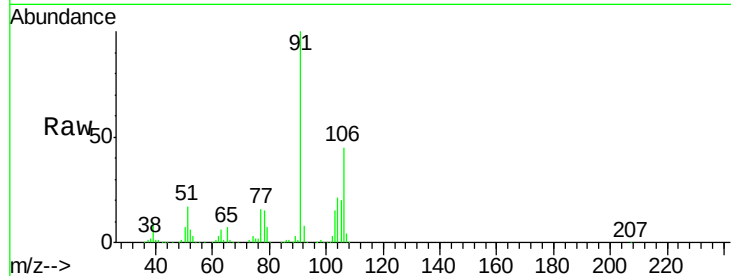
#69
o-Xylene
Concen: 20.480 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion:106 Resp: 89068
Ion Ratio Lower Upper
106 100
91 212.9 106.3 319.0

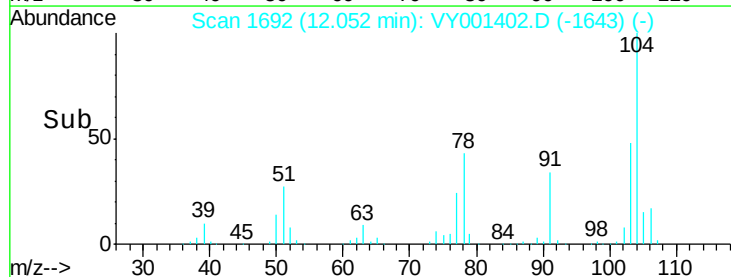
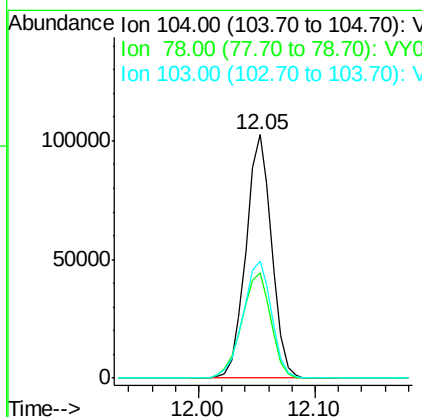
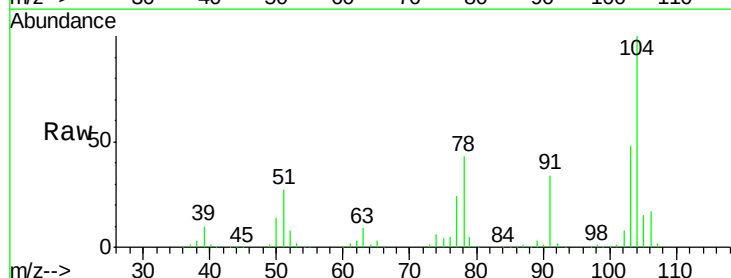
Manual Integrations
APPROVED

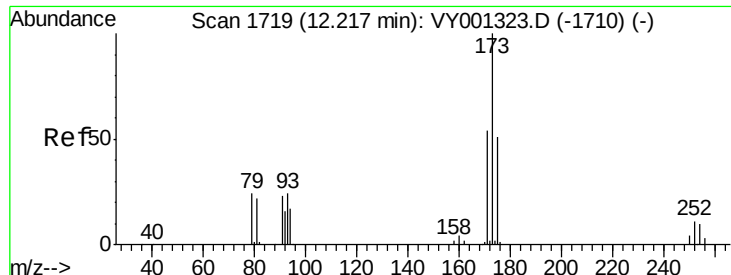
MMDadoda
1/28/2020 3:40:31 PM



#70
Styrene
Concen: 20.630 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion:104 Resp: 157419
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.8
103 53.5 43.2 64.8





#71

Bromoform

Concen: 19.981 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion:173 Resp: 26735

Ion Ratio Lower Upper

173 100

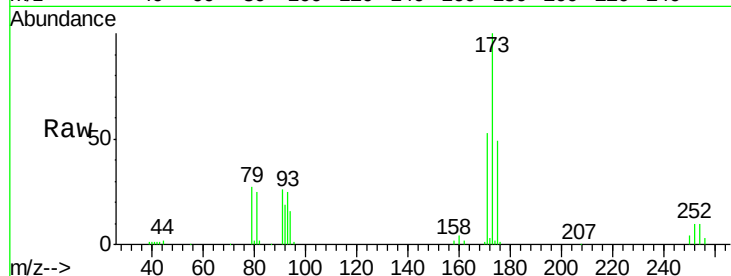
175 49.5 24.3 72.9

254 0.0 0.0 0.0

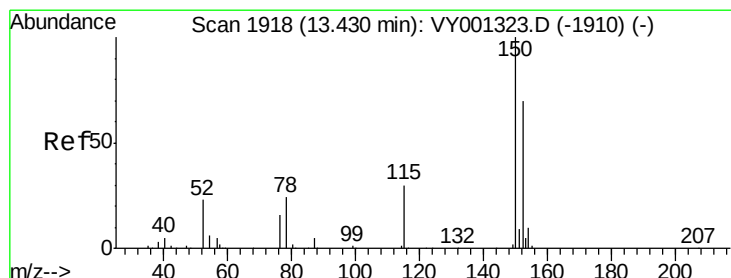
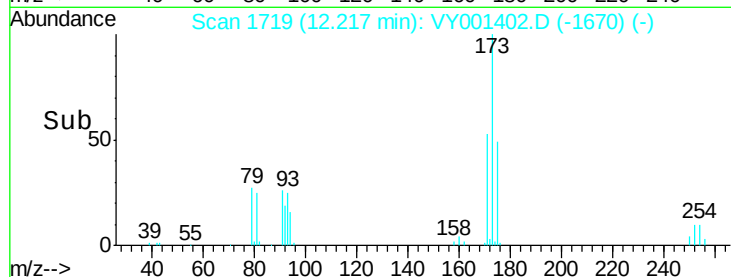
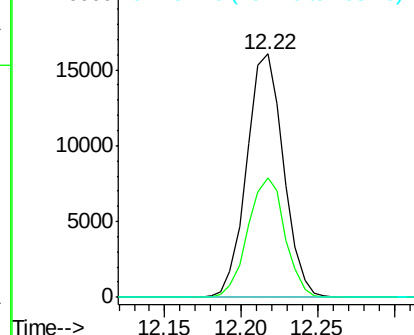
Manual Integrations
APPROVED

MMDadoda

1/28/2020 3:40:31 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

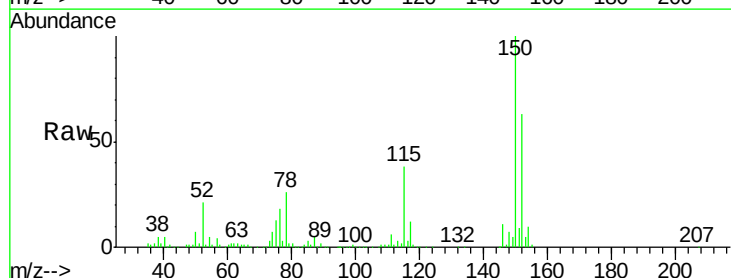
Tgt Ion:152 Resp: 149946

Ion Ratio Lower Upper

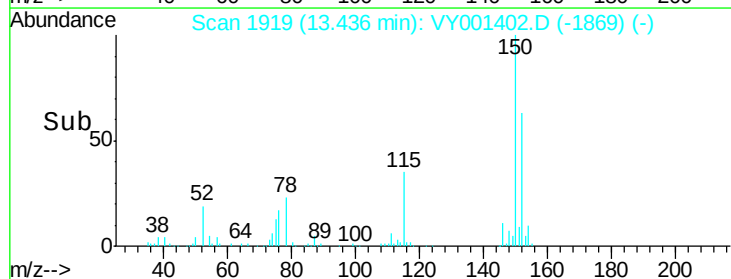
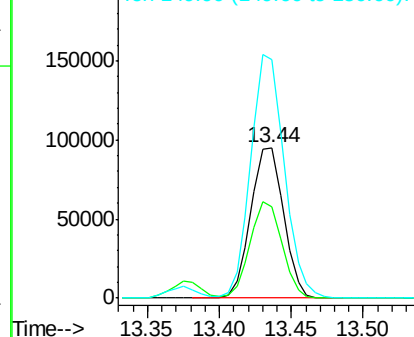
152 100

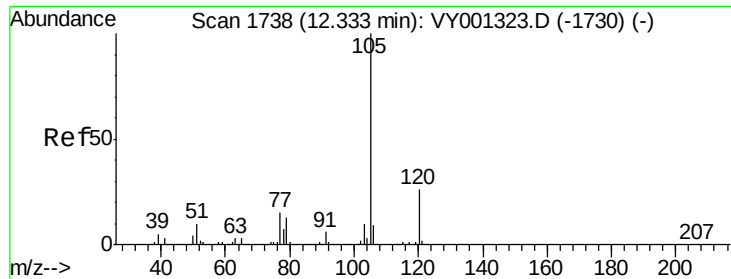
115 62.2 30.9 92.8

150 165.6 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.152 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion:105 Resp: 238438

Ion Ratio Lower Upper

105 100

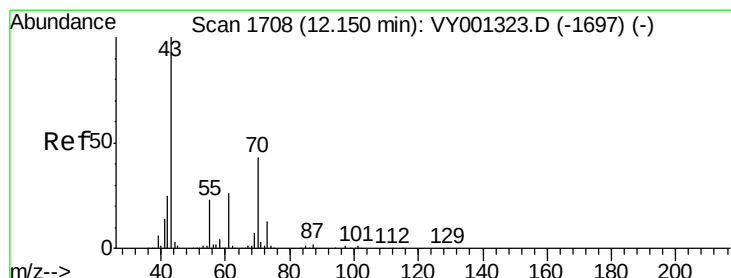
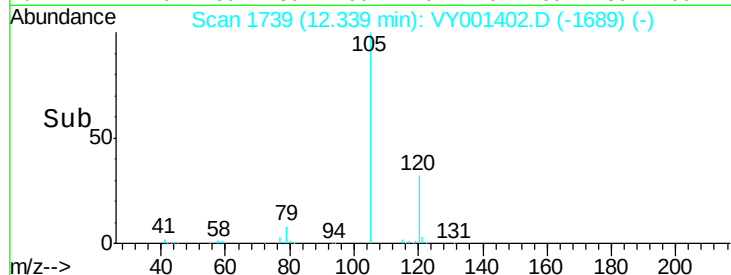
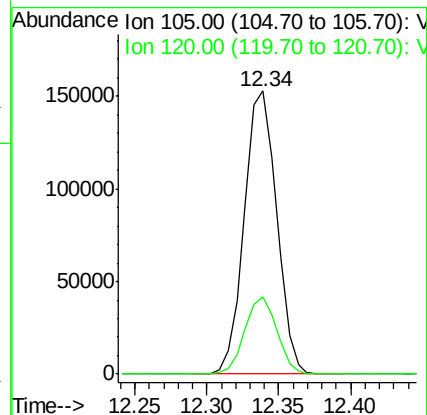
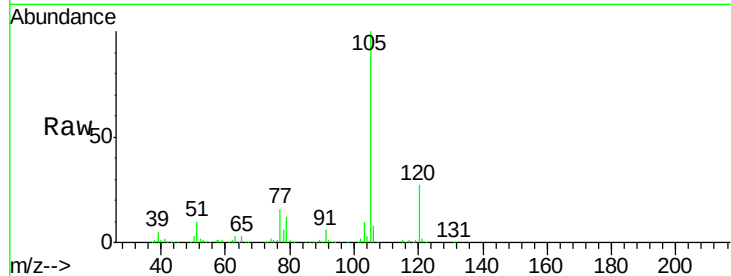
120 27.0 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

1/28/2020 3:40:31 PM



#74

N-ethyl acetate

Concen: 20.325 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Tgt Ion: 43 Resp: 78717

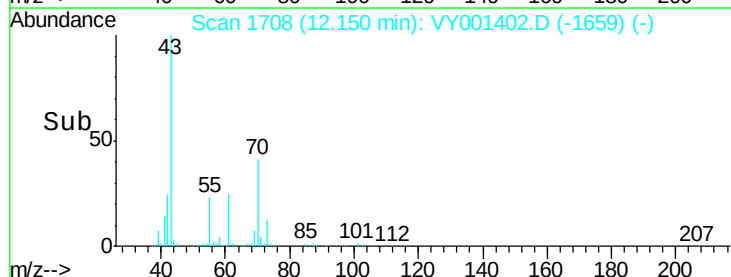
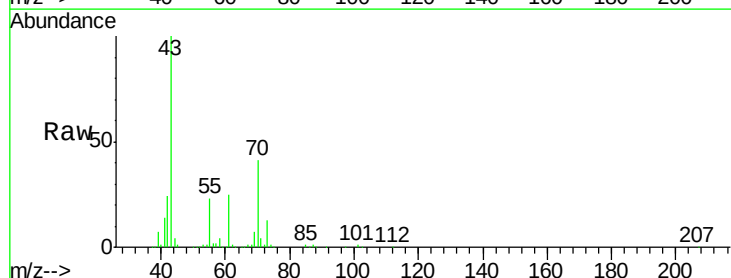
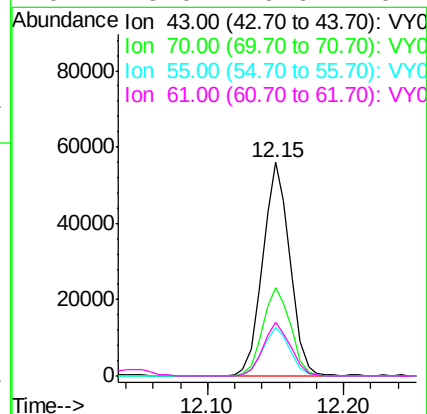
Ion Ratio Lower Upper

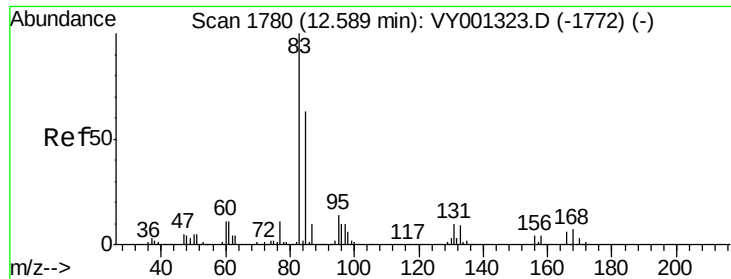
43 100

70 42.6 33.5 50.3

55 22.7 18.2 27.2

61 25.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.102 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

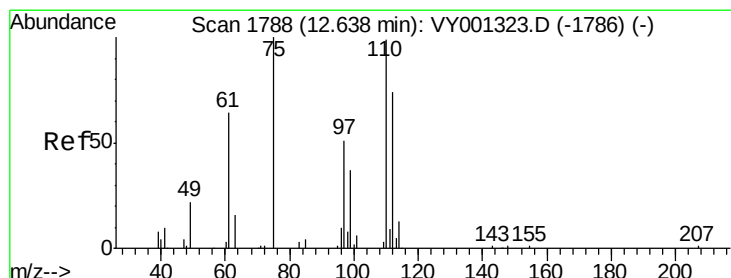
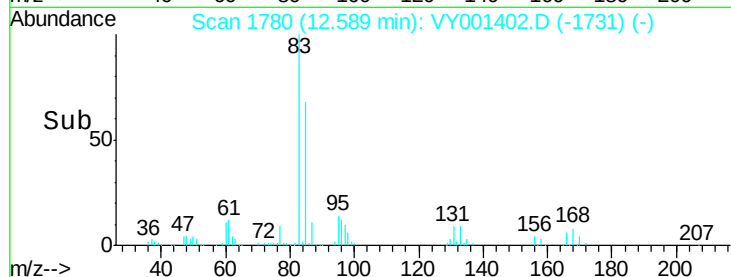
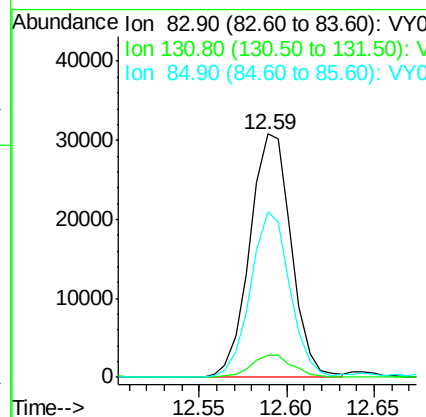
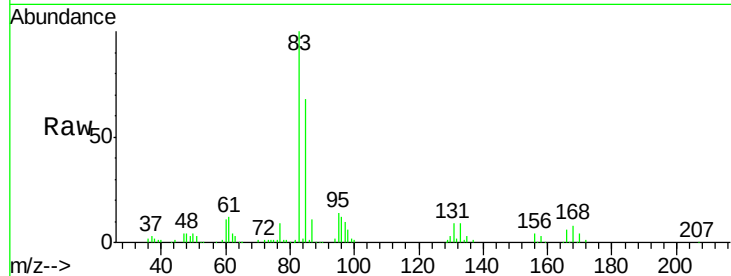
ClientSampleId :

VY0127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	50939		
131	9.3		4.9	14.6
85	65.2		31.4	94.3

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:31 PM



#76

1,2,3-Trichloropropane

Concen: 21.630 ug/l m

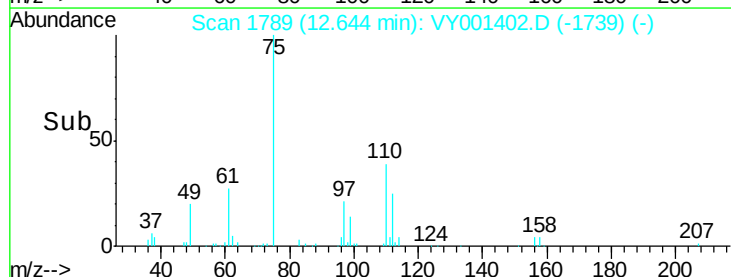
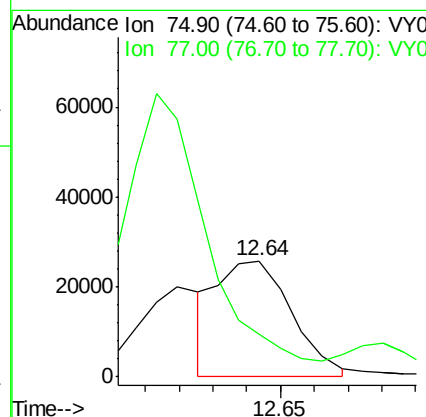
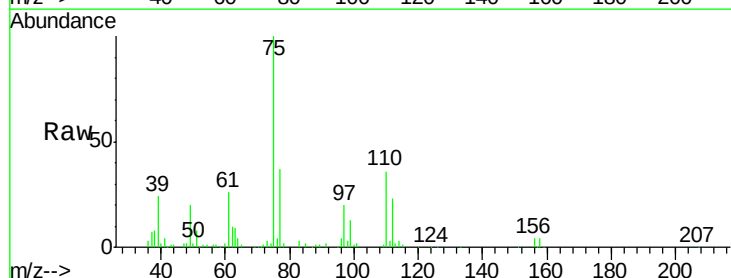
RT: 12.64 min Scan# 1789

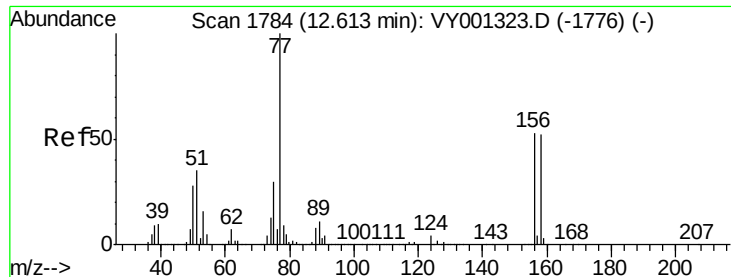
Delta R.T. 0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	39082		
77	0.0		0.0	0.0





#77

Bromobenzene

Concen: 20.245 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

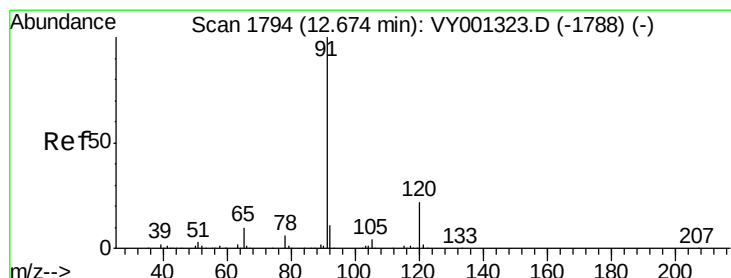
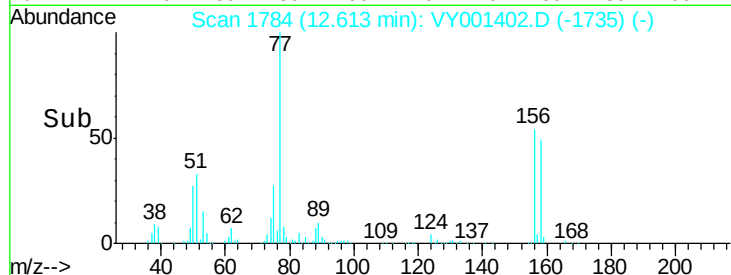
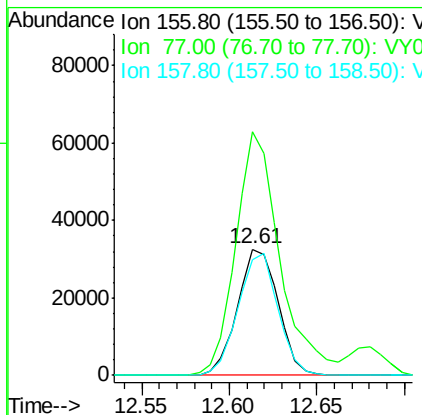
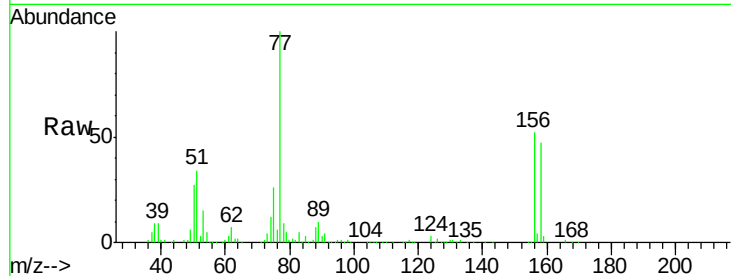
ClientSampleId :

VY0127SBS01

Tot Ion	156	Resp	53056
Ion Ratio	Lower	Upper	
156	100		
77	209.7	104.7	313.9
158	94.6	48.6	145.8

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:31 PM



#78

n-propylbenzene

Concen: 20.802 ug/l

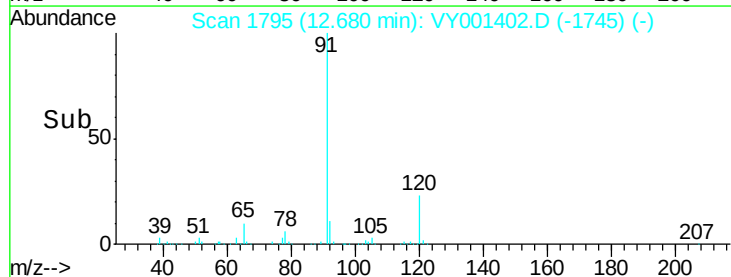
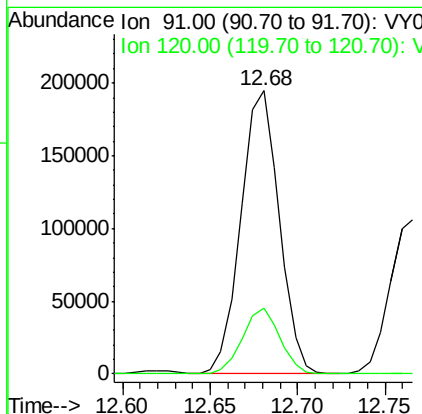
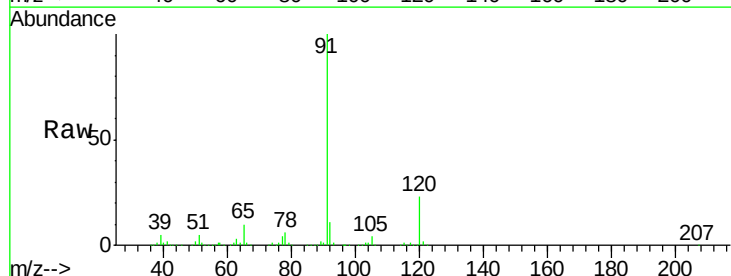
RT: 12.68 min Scan# 1795

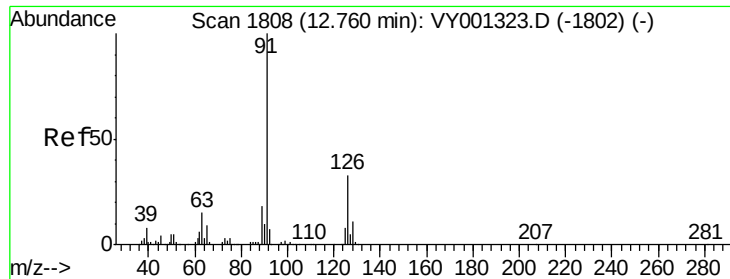
Delta R.T. 0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Tgt Ion	91	Resp	296254
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.3	33.8





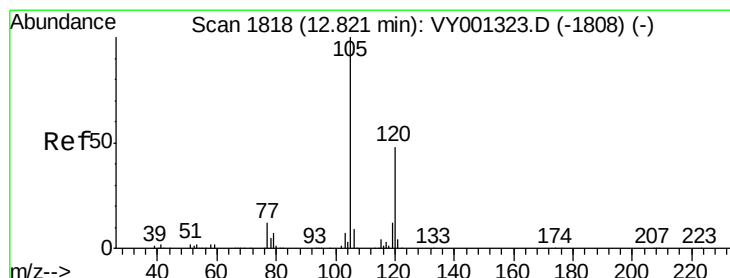
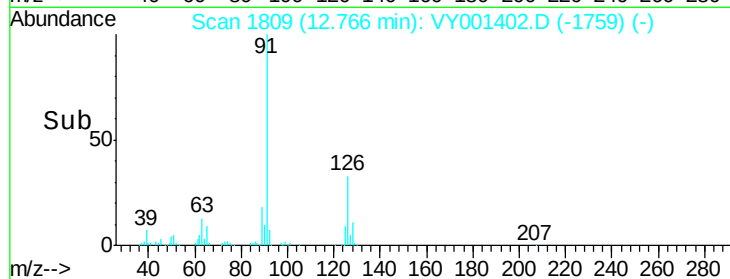
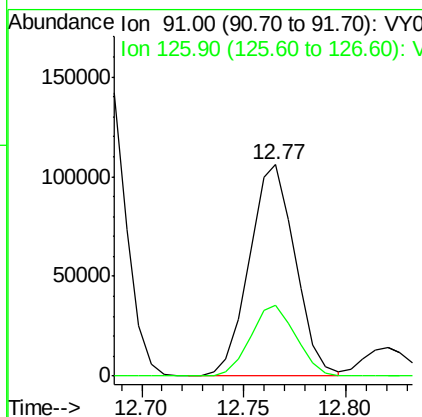
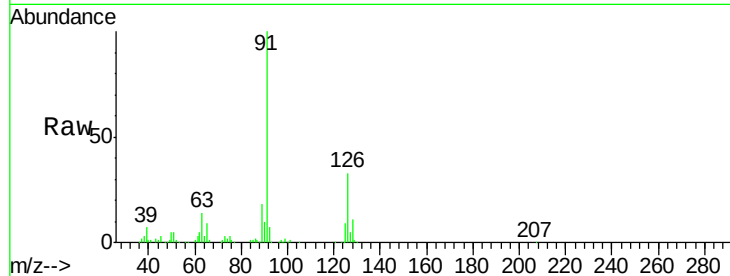
#79
 2-Chlorotoluene
 Concen: 20.326 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion: 91 Resp: 165367
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.6 49.7

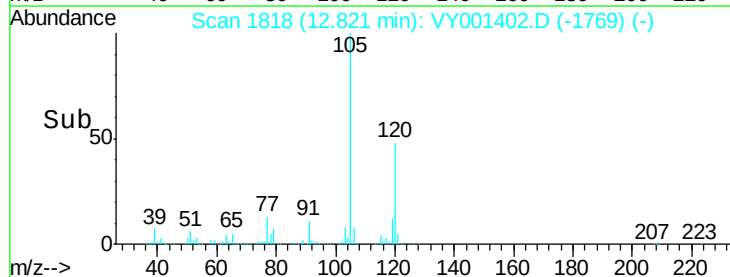
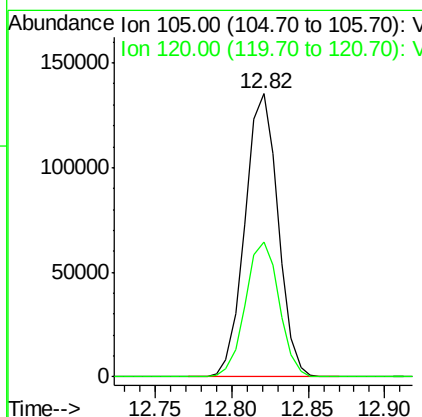
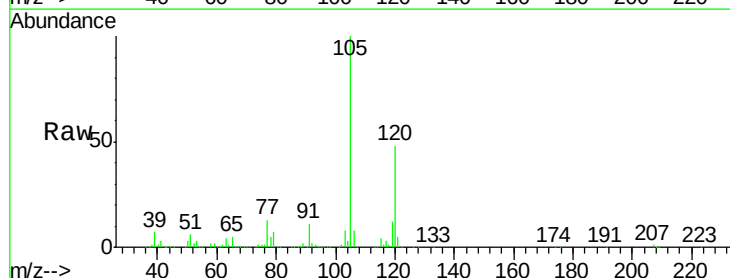
Manual Integrations
 APPROVED

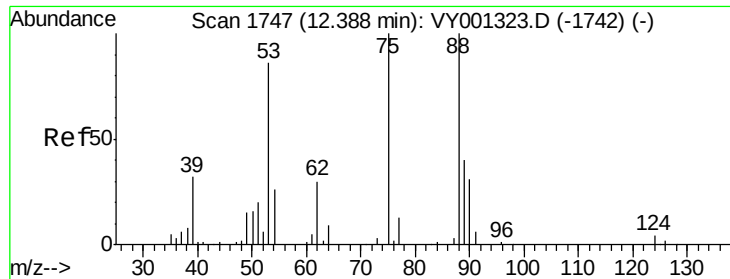
MMDadoda
 1/28/2020 3:40:31 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.643 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion: 105 Resp: 203880
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.731 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

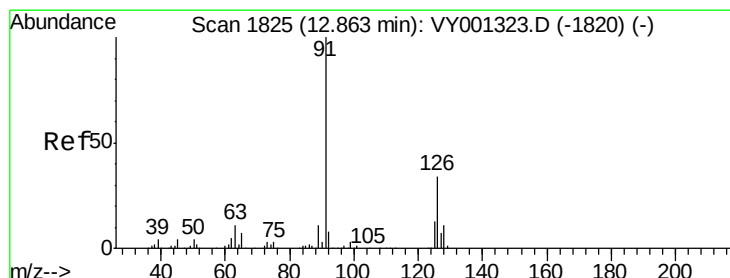
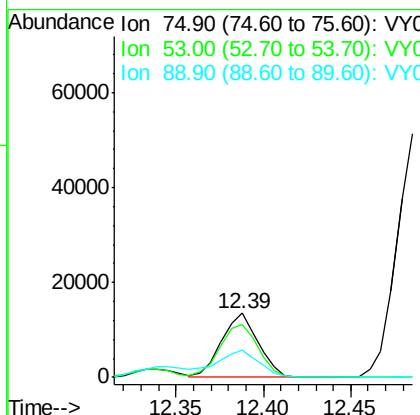
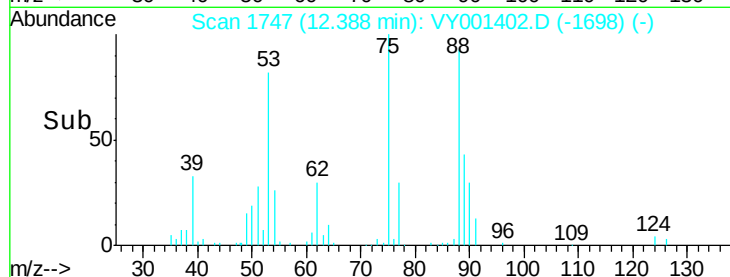
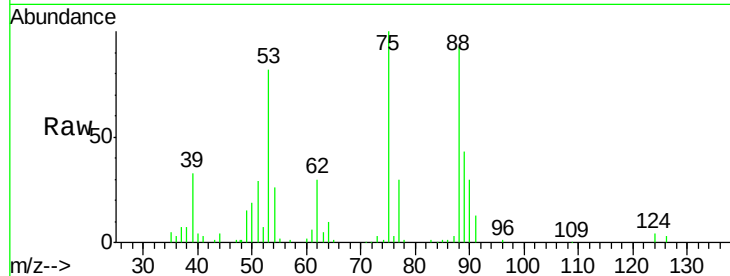
ClientSampleId :

VY0127SBS01

Tot Ion:	75	Resp:	19794
Ion Ratio	Lower	Upper	
75	100		
53	86.1	69.9	104.9
89	48.2	36.6	54.8

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:31 PM



#82

4-Chlorotoluene

Concen: 20.205 ug/l

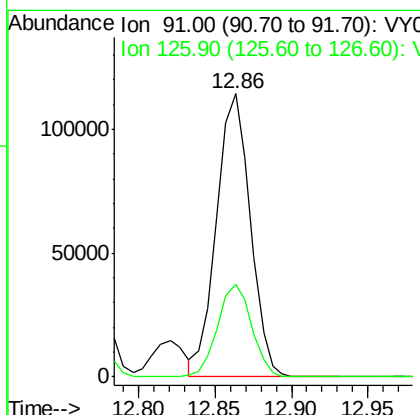
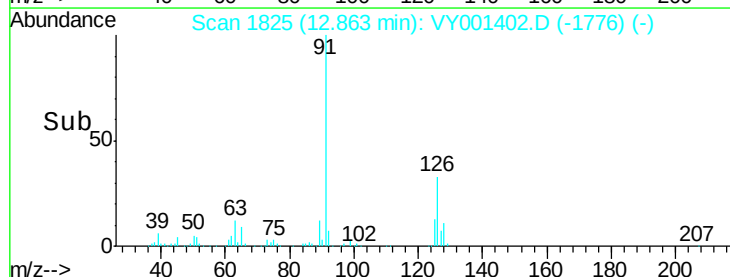
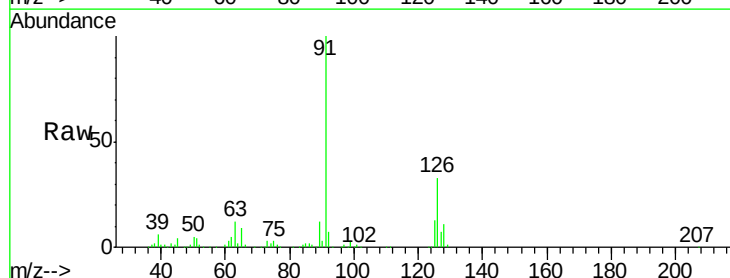
RT: 12.86 min Scan# 1825

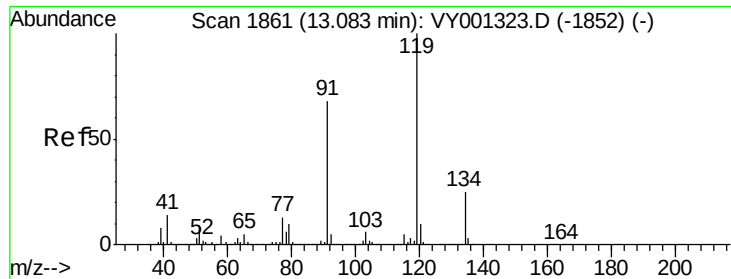
Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Tgt Ion:	91	Resp:	175589
Ion Ratio	Lower	Upper	
91	100		
126	33.0	16.4	49.4





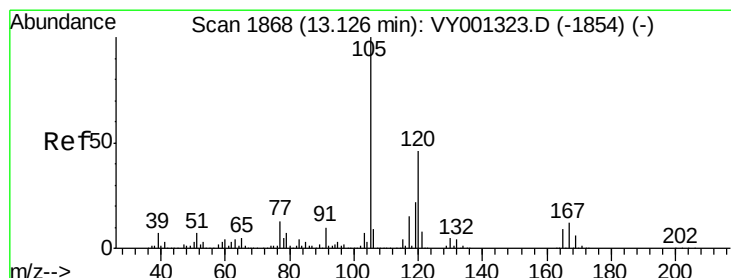
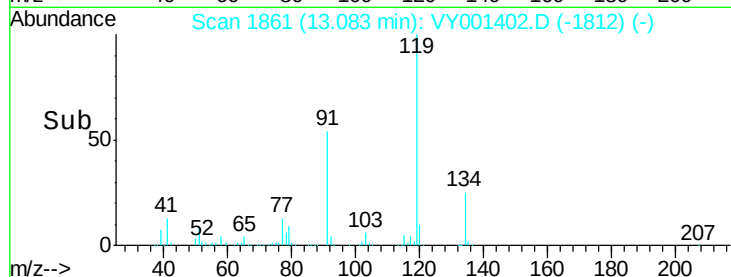
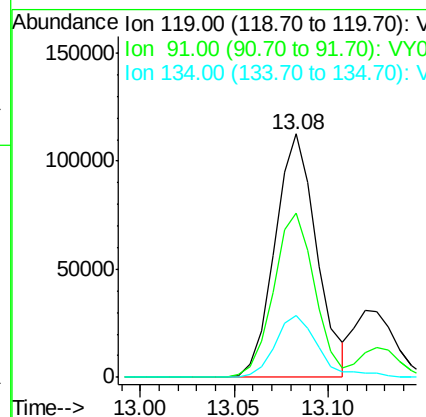
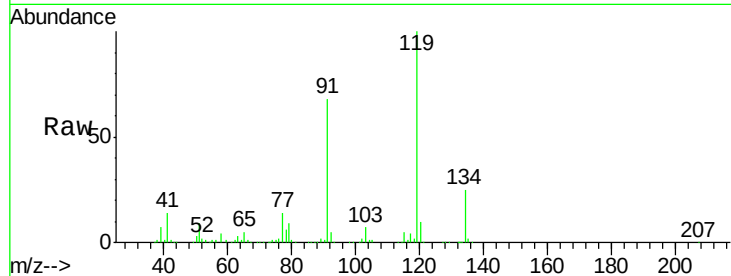
#83
 tert-Butylbenzene
 Concen: 20.785 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	33.0	99.0
134	26.6	13.3	39.9

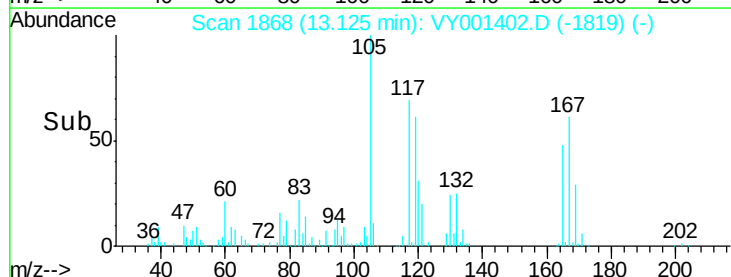
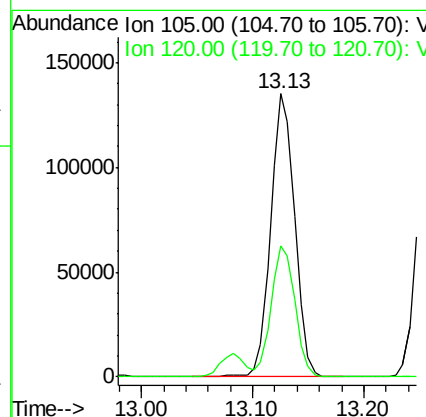
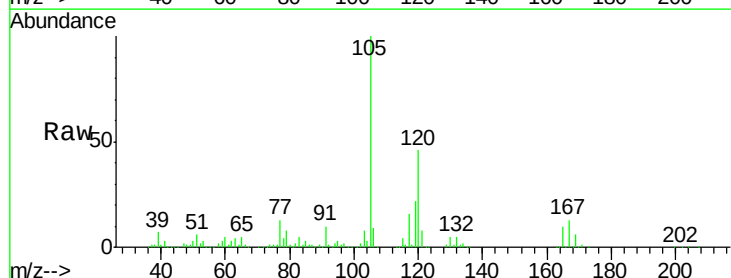
Manual Integrations
 APPROVED

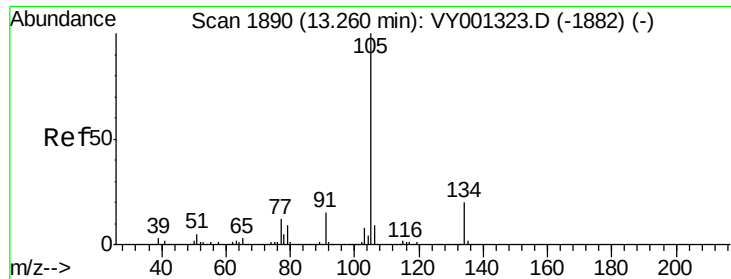
MMDadoda
 1/28/2020 3:40:31 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.499 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.4	67.3





#85

sec-Butylbenzene

Concen: 21.094 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBS01

Tot Ion:105 Resp: 249505

Ion Ratio Lower Upper

105 100

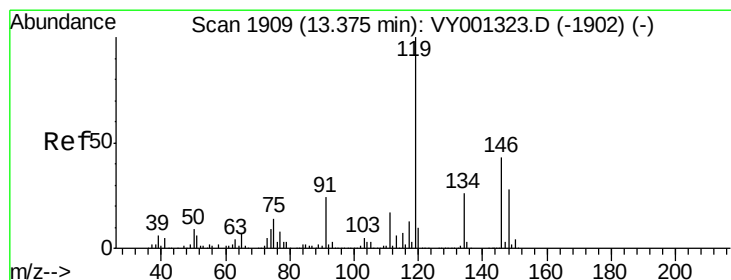
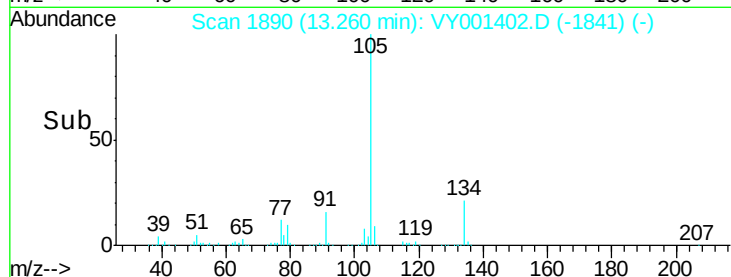
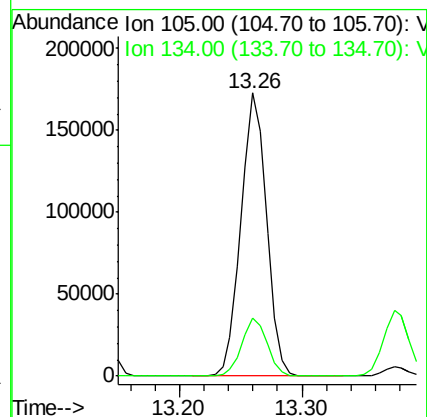
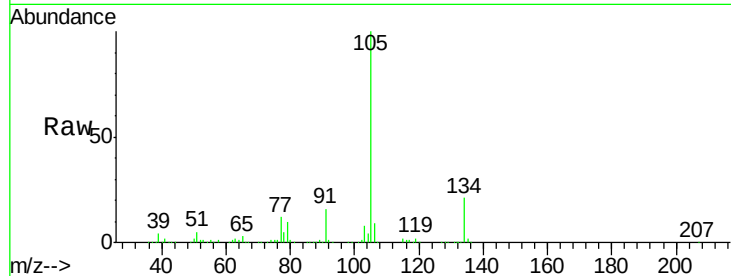
134 20.2 9.8 29.4

Manual Integrations

APPROVED

MMDadoda

1/28/2020 3:40:31 PM



#86

p-Isopropyltoluene

Concen: 21.161 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

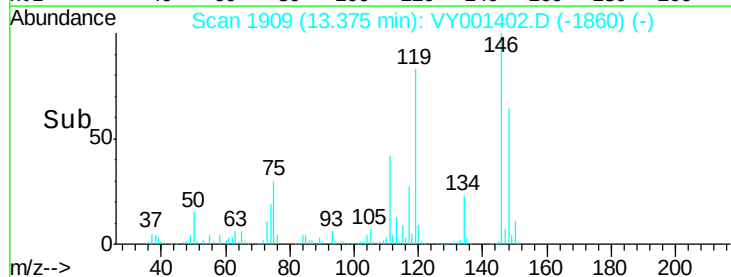
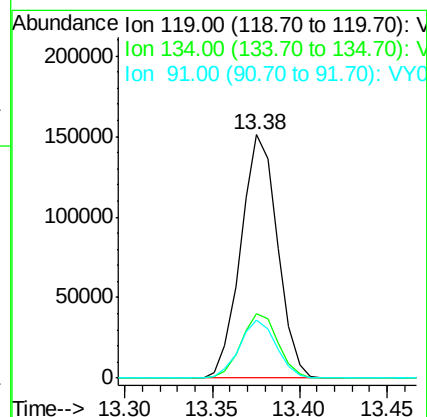
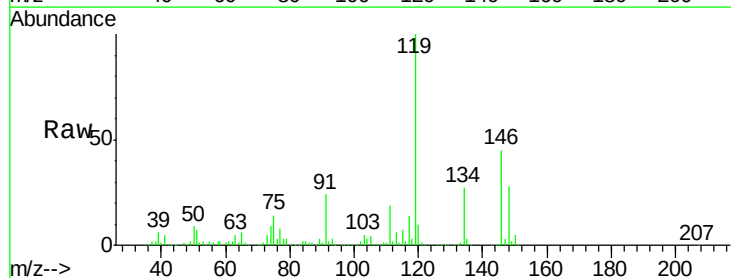
Tgt Ion:119 Resp: 220569

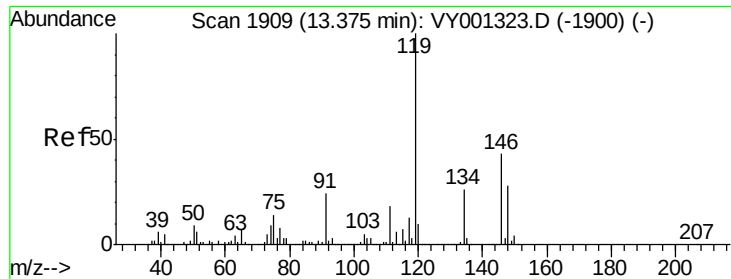
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 23.8 12.2 36.6





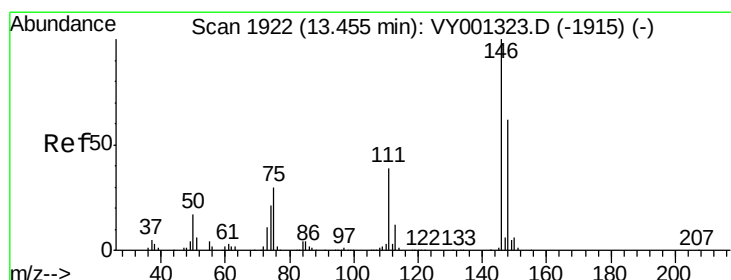
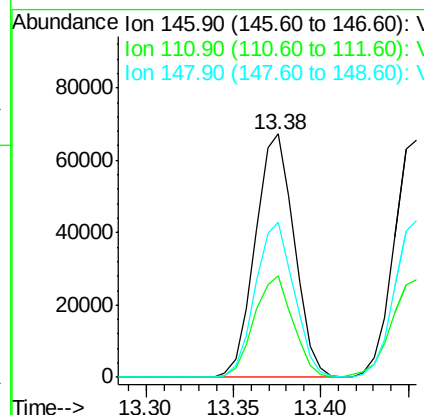
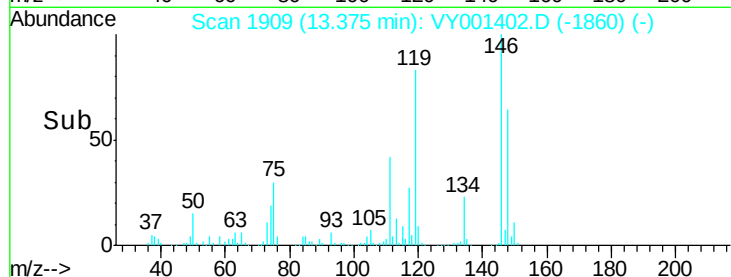
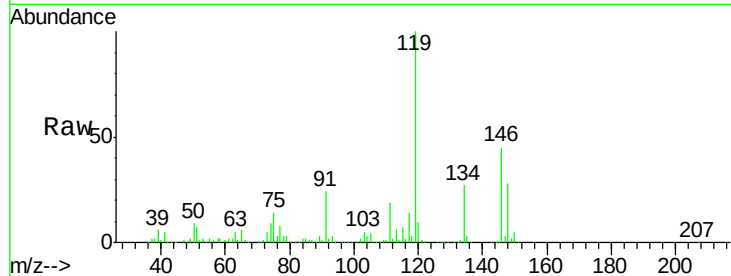
#87
 1,3-Dichlorobenzene
 Concen: 20.678 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	63.2	31.6	95.0

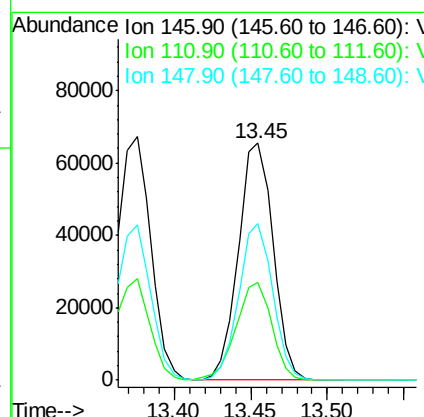
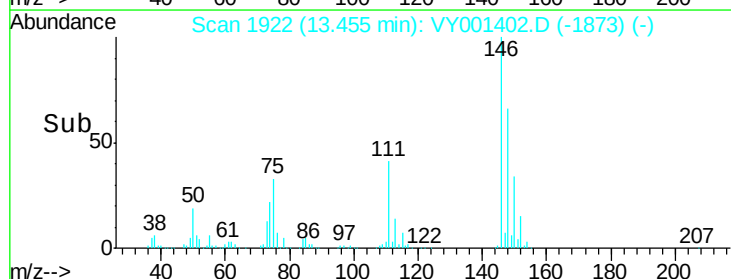
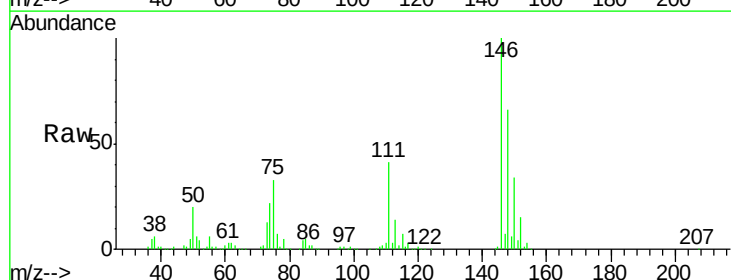
Manual Integrations
 APPROVED

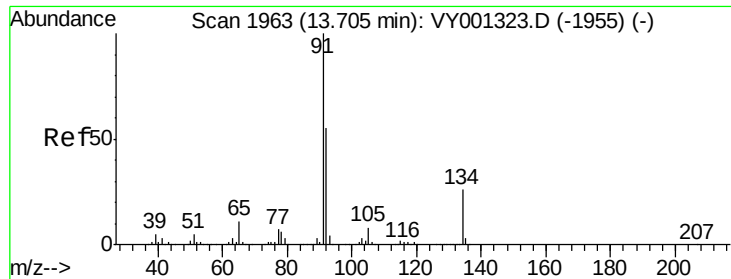
MMDadoda
 1/28/2020 3:40:31 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.230 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.5	61.5
148	64.5	31.6	95.0





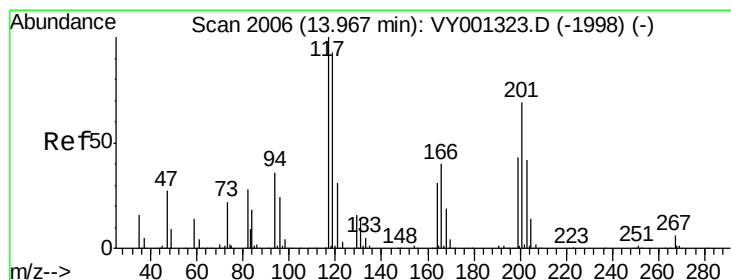
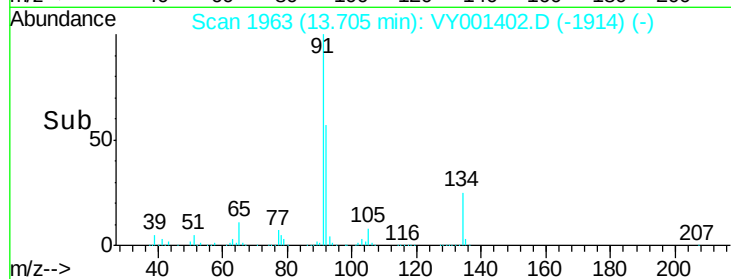
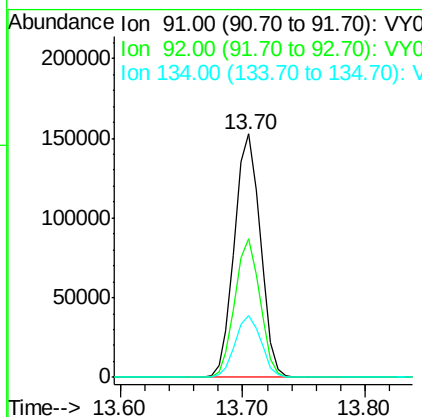
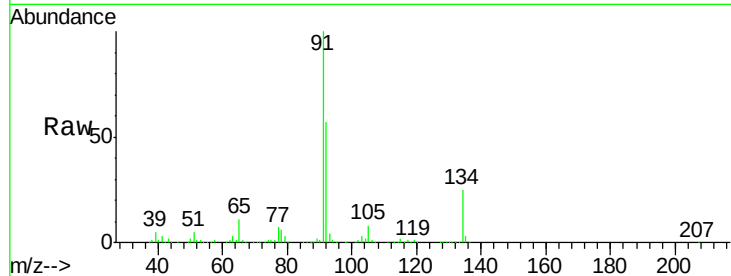
#89
n-Butylbenzene
Concen: 21.296 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.6	82.8
134	25.3	12.9	38.6

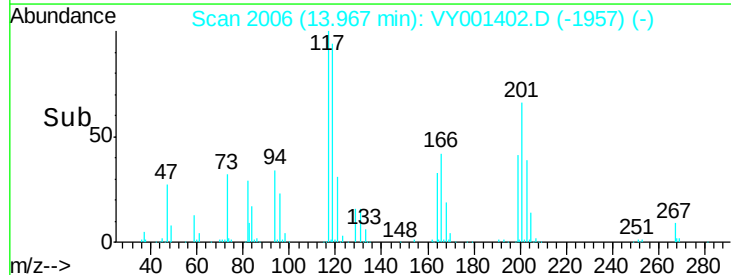
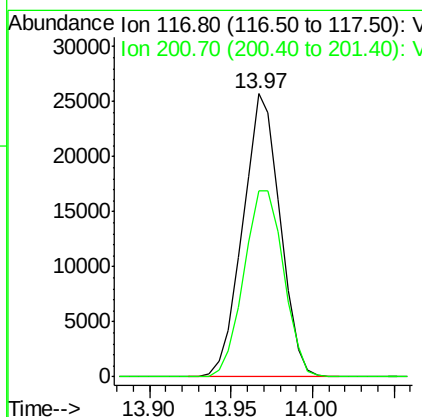
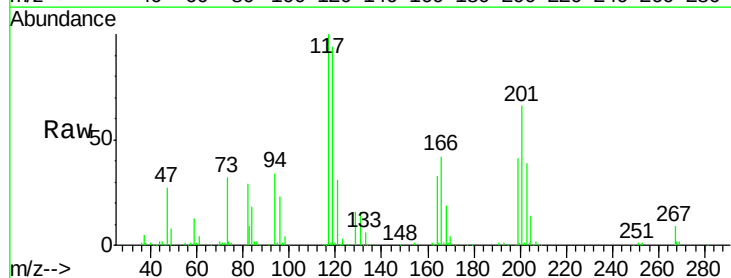
Manual Integrations
APPROVED

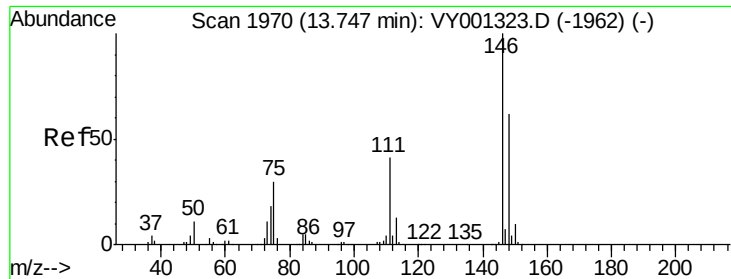
MMDadoda
1/28/2020 3:40:31 PM



#90
Hexachloroethane
Concen: 20.701 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.3	34.6	103.8





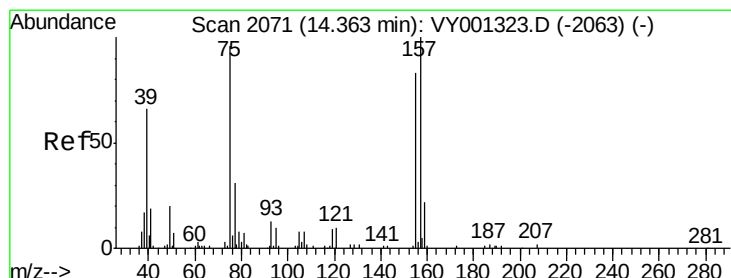
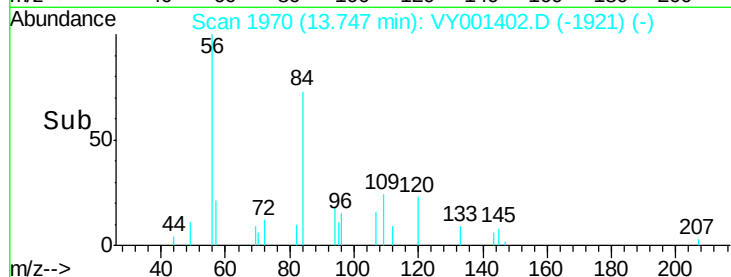
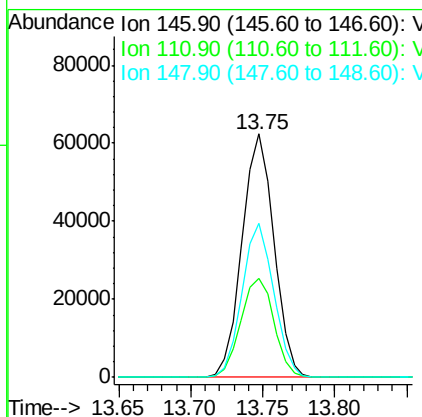
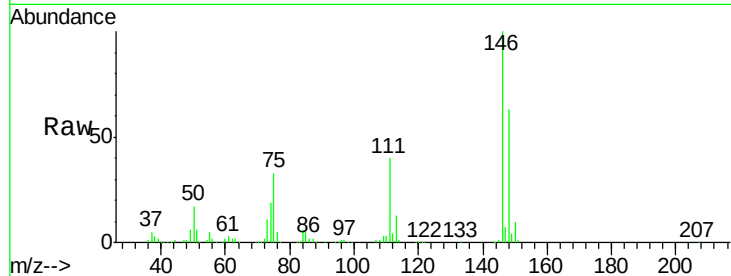
#91
 1,2-Dichlorobenzene
 Concen: 20.600 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.4
148	62.8	31.5	94.5

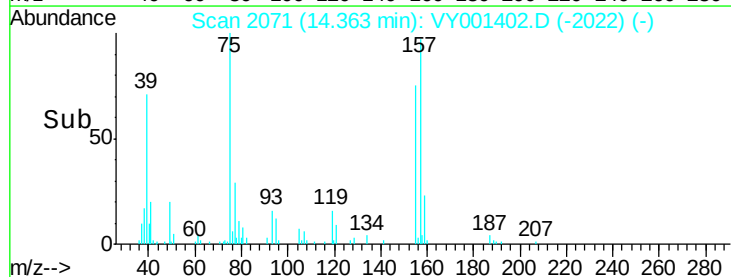
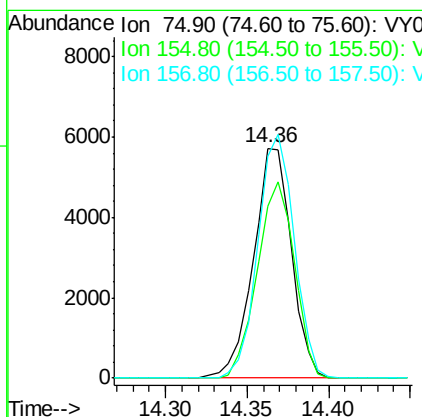
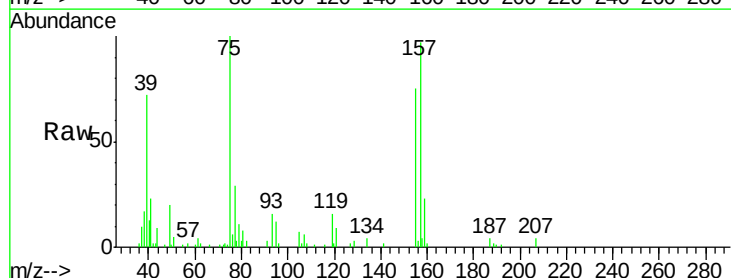
Manual Integrations
 APPROVED

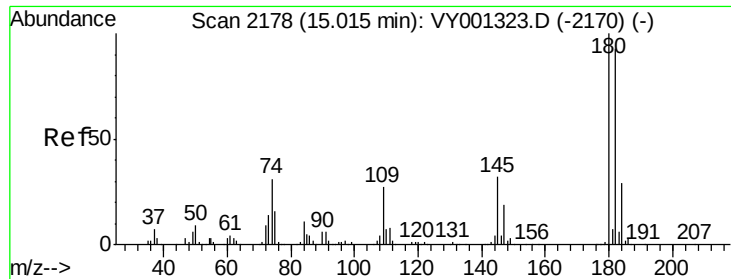
MMDadoda
 1/28/2020 3:40:31 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.129 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	43.0	129.2
157	101.6	53.3	160.0





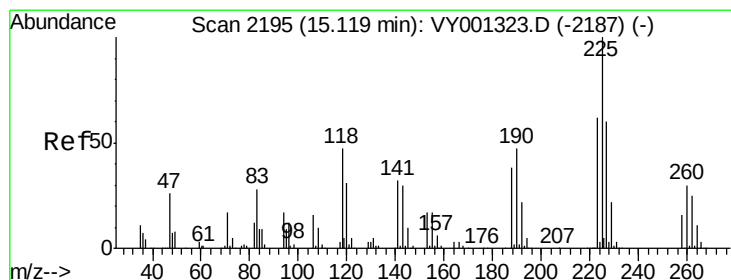
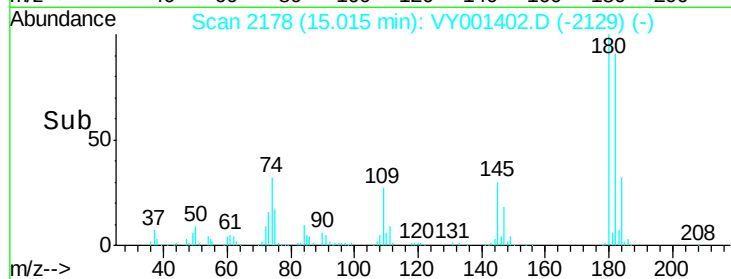
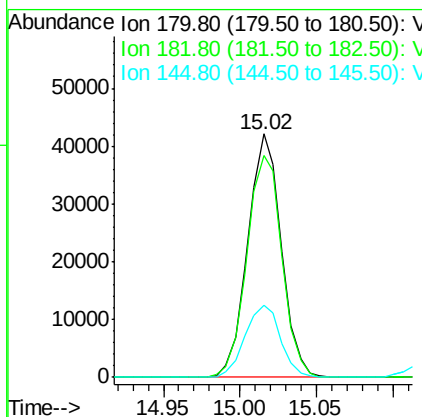
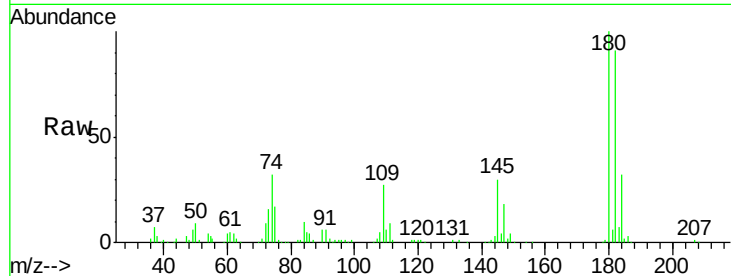
#93
1,2,4-Trichlorobenzene
Concen: 20.495 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	31.4	16.3	48.9

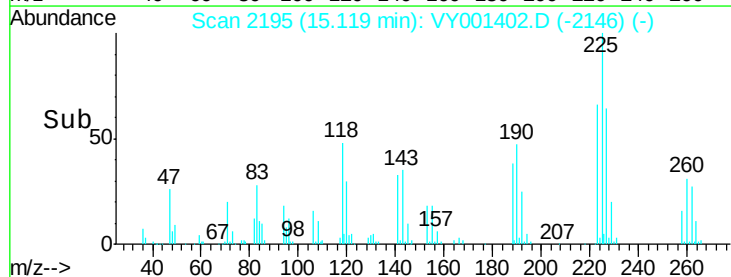
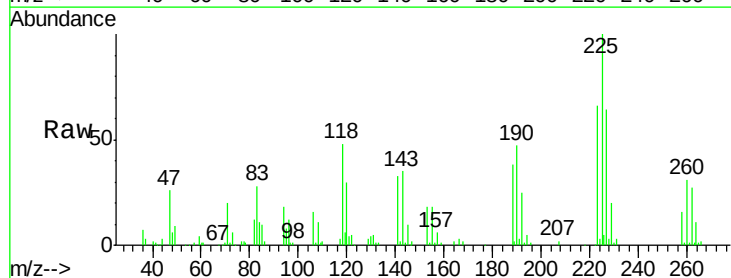
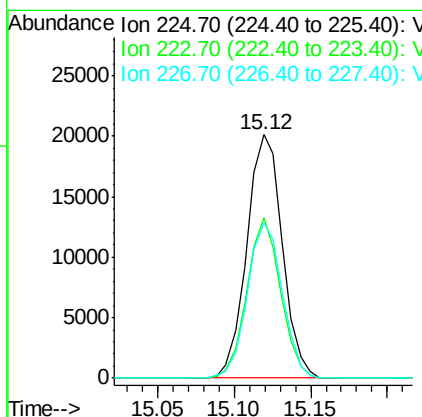
Manual Integrations
APPROVED

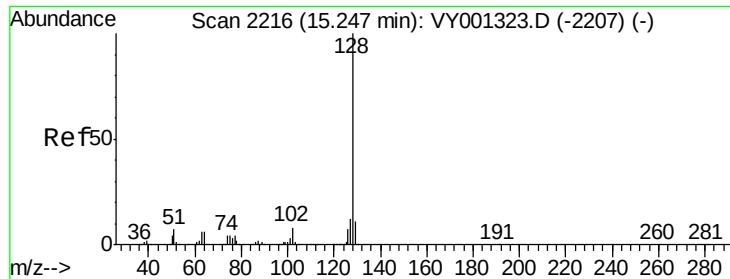
MMDadoda
1/28/2020 3:40:31 PM



#94
Hexachlorobutadiene
Concen: 21.315 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.2	93.6
227	62.8	31.0	93.0





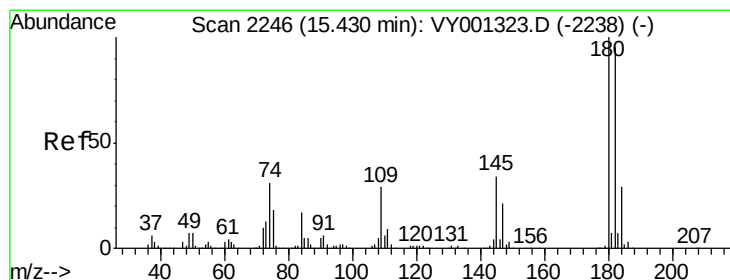
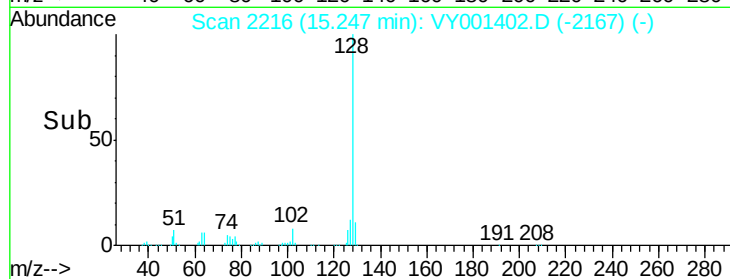
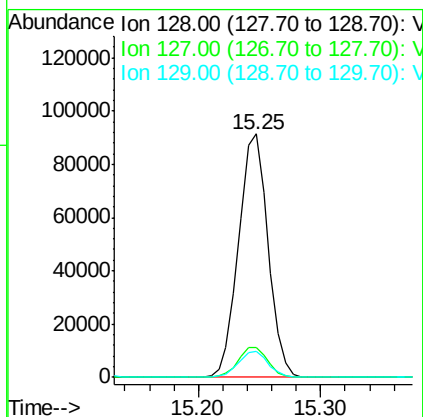
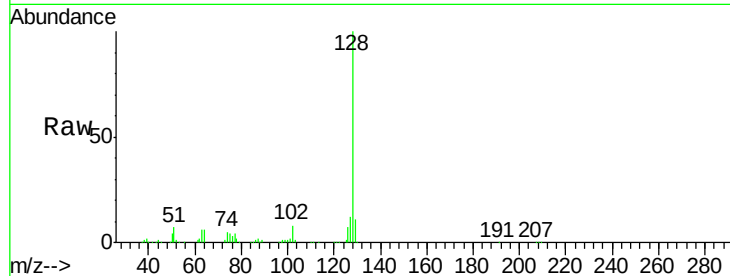
#95
Naphthalene
Concen: 21.350 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	152511		
127	12.5		10.2	15.2
129	10.8		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/28/2020 3:40:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.748 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	56859		
182	94.8		47.3	141.8
145	33.3		16.8	50.3

