

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000543.D
 Acq On : 06 Nov 2019 12:12
 Operator : SY/MD
 Sample : VY1106SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 10:39:12 AM

Quant Time: Nov 07 05:37:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	253595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	417919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	373064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185373	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	135808	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
35) Dibromofluoromethane	7.73	113	120218	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	10.18	98	489907	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.48	95	168312	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	48497	19.427	ug/l	97
3) Chloromethane	2.11	50	70204	20.415	ug/l	96
4) Vinyl Chloride	2.25	62	63328	19.831	ug/l	97
5) Bromomethane	2.65	94	47222	24.659	ug/l	89
6) Chloroethane	2.79	64	40416	20.222	ug/l	99
7) Trichlorofluoromethane	3.12	101	87785	20.355	ug/l	96
8) Diethyl Ether	3.53	74	31525	20.572	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51779	19.859	ug/l	99
10) Methyl Iodide	4.09	142	47962	16.280	ug/l	98
11) Tert butyl alcohol	5.00	59	23384	91.534	ug/l #	72
12) 1,1-Dichloroethene	3.88	96	51849	20.468	ug/l	91
13) Acrolein	3.74	56	19055	85.631	ug/l	100
14) Allyl chloride	4.49	41	85581	20.777	ug/l	99
15) Acrylonitrile	5.18	53	79724	101.559	ug/l	98
16) Acetone	3.96	43	63375	87.618	ug/l	98
17) Carbon Disulfide	4.19	76	161524	20.217	ug/l	98
18) Methyl Acetate	4.49	43	42278	18.798	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	142259	20.198	ug/l	96
20) Methylene Chloride	4.72	84	63121	20.366	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	58794	20.530	ug/l	95
22) Diisopropyl ether	6.13	45	180020	20.108	ug/l #	96
23) Vinyl Acetate	6.07	43	587850	104.016	ug/l	98
24) 1,1-Dichloroethane	6.03	63	98789	20.368	ug/l #	97
25) 2-Butanone	7.00	43	110892	96.064	ug/l	93
26) 2,2-Dichloropropane	6.99	77	90053	20.317	ug/l	95
27) cis-1,2-Dichloroethene	7.00	96	64339	20.546	ug/l	97
28) Bromochloromethane	7.35	49	24297	14.178	ug/l	98
29) Tetrahydrofuran	7.36	42	72534	102.712	ug/l	99
30) Chloroform	7.51	83	99063	20.190	ug/l	94
31) Cyclohexane	7.80	56	100605	19.804	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	89865	20.551	ug/l	99
36) 1,1-Dichloropropene	7.93	75	82154	20.794	ug/l	98
37) Ethyl Acetate	7.08	43	48460	20.660	ug/l #	95
38) Carbon Tetrachloride	7.91	117	78372	20.616	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000543.D
 Acq On : 06 Nov 2019 12:12
 Operator : SY/MD
 Sample : VY1106SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY1106SBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 10:39:12 AM

Quant Time: Nov 07 05:37:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	105775	20.723	ug/l	97
40) Benzene	8.17	78	235121	20.299	ug/l	95
41) Methacrylonitrile	7.34	41	34167m	26.111	ug/l	
42) 1,2-Dichloroethane	8.24	62	68679	20.906	ug/l	99
43) Isopropyl Acetate	8.28	43	91459	20.757	ug/l	98
44) Trichloroethene	8.94	130	63689	20.855	ug/l	94
45) 1,2-Dichloropropane	9.22	63	58569	20.545	ug/l	90
46) Dibromomethane	9.31	93	32036	20.434	ug/l	98
47) Bromodichloromethane	9.50	83	76612	20.594	ug/l	97
48) Methyl methacrylate	9.30	41	40119	20.839	ug/l	96
49) 1,4-Dioxane	9.30	88	8567	406.013	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	245013	104.586	ug/l	99
52) Toluene	10.25	92	150615	20.567	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	86207	21.688	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	96565	21.206	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	46665	20.579	ug/l	95
56) Ethyl methacrylate	10.51	69	66771	20.775	ug/l	98
57) 1,3-Dichloropropane	10.79	76	81548	20.547	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.79	63	141402	97.316	ug/l	98
59) 2-Hexanone	10.83	43	171487	100.469	ug/l	100
60) Dibromochloromethane	10.99	129	52423	20.183	ug/l	98
61) 1,2-Dibromoethane	11.09	107	45056	20.665	ug/l	99
64) Tetrachloroethene	10.72	164	63654	20.635	ug/l	97
65) Chlorobenzene	11.52	112	159017	21.023	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	55980	21.340	ug/l	98
67) Ethyl Benzene	11.59	91	291000	20.904	ug/l	98
68) m/p-Xylenes	11.70	106	225768	41.903	ug/l	100
69) o-Xylene	12.03	106	105361	20.807	ug/l	96
70) Styrene	12.04	104	176366	20.340	ug/l	99
71) Bromoform	12.20	173	30316	20.093	ug/l #	99
73) Isopropylbenzene	12.33	105	281276	20.530	ug/l	100
74) N-amyl acetate	12.14	43	82758	21.091	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	55202	20.349	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	39373m	18.654	ug/l	
77) Bromobenzene	12.61	156	62279	20.046	ug/l	97
78) n-propylbenzene	12.67	91	342440	20.715	ug/l	98
79) 2-Chlorotoluene	12.75	91	186647	20.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	237752	20.836	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	19008	20.191	ug/l	95
82) 4-Chlorotoluene	12.85	91	197123	20.722	ug/l	100
83) tert-Butylbenzene	13.07	119	200202	20.549	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	238086	20.957	ug/l	100
85) sec-Butylbenzene	13.25	105	287936	20.744	ug/l	99
86) p-Isopropyltoluene	13.37	119	256867	20.764	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	126809	20.838	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	126337	20.776	ug/l	98
89) n-Butylbenzene	13.69	91	255232	20.918	ug/l	99
90) Hexachloroethane	13.96	117	47801	20.901	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	117664	21.311	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10232	21.313	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
Data File : VY000543.D
Acq On : 06 Nov 2019 12:12
Operator : SY/MD
Sample : VY1106SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBSD01

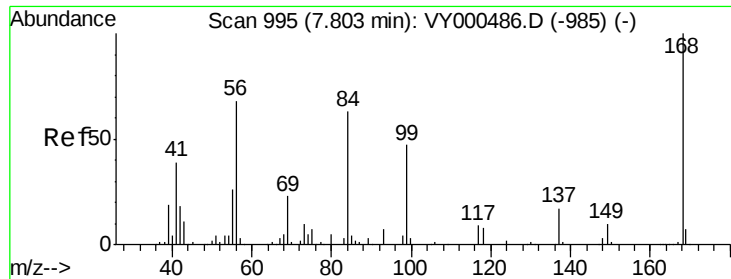
Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:12 AM

Quant Time: Nov 07 05:37:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	77942	20.732	ug/l	99
94) Hexachlorobutadiene	15.11	225	42173	21.762	ug/l	98
95) Naphthalene	15.23	128	178264	21.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	70673	20.954	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 168 Resp: 253595

Ion Ratio Lower Upper

168 100

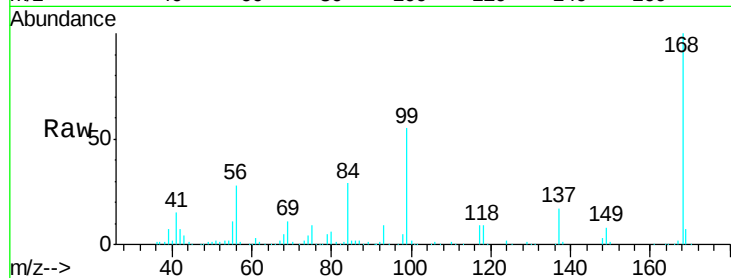
99 55.3 45.7 68.5

Manual Integrations

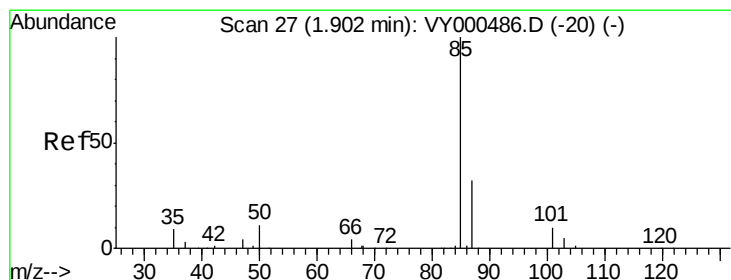
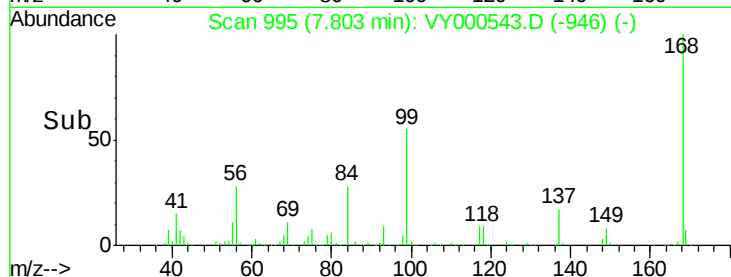
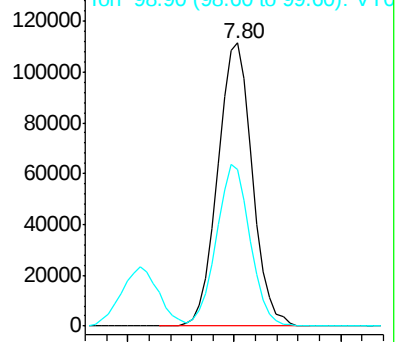
APPROVED

MMDadoda

11/8/2019 10:39:12 AM



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 19.427 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000543.D

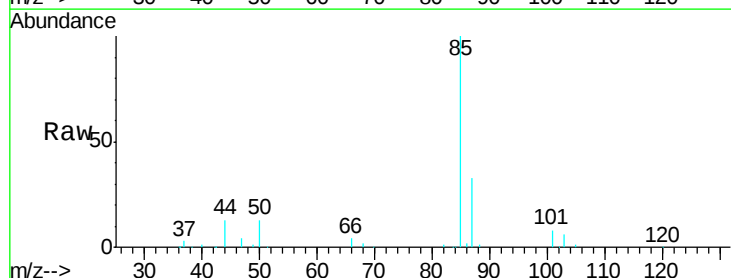
Acq: 06 Nov 2019 12:12

Tgt Ion: 85 Resp: 48497

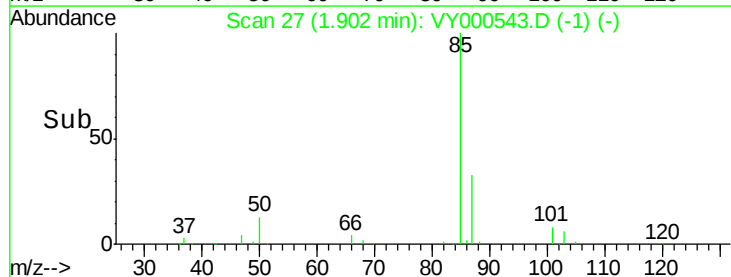
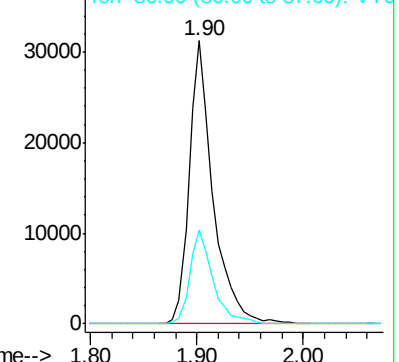
Ion Ratio Lower Upper

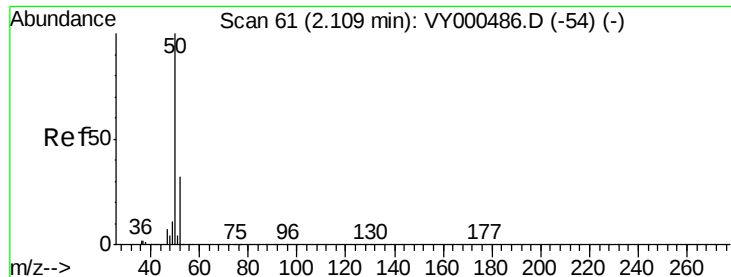
85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)





#3

Chloromethane

Concen: 20.415 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 50 Resp: 70204

Ion Ratio Lower Upper

50 100

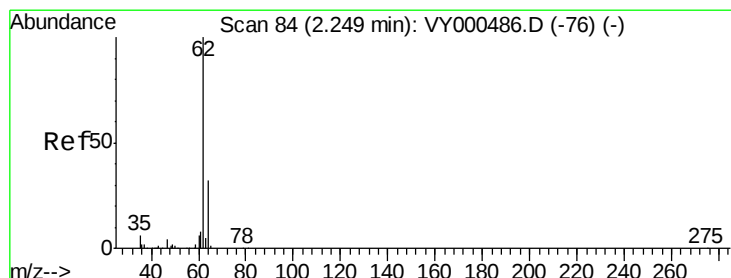
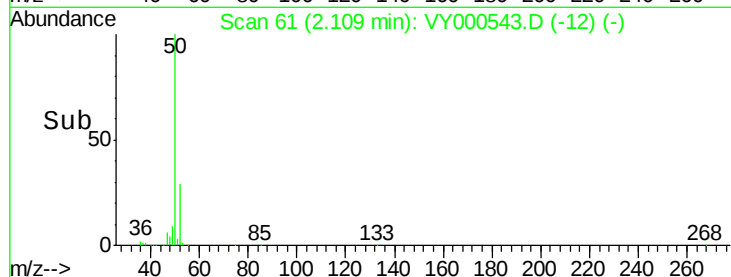
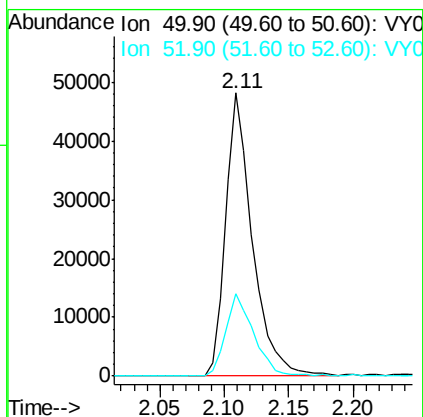
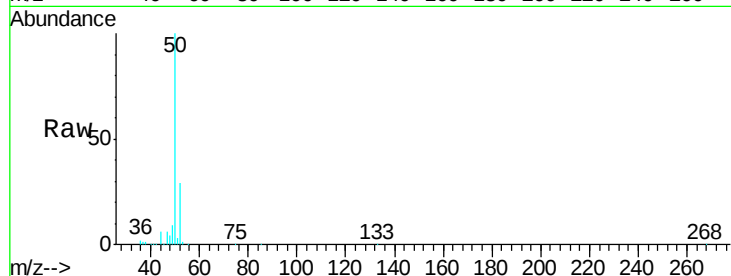
52 29.2 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

11/8/2019 10:39:12 AM



#4

Vinyl Chloride

Concen: 19.831 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000543.D

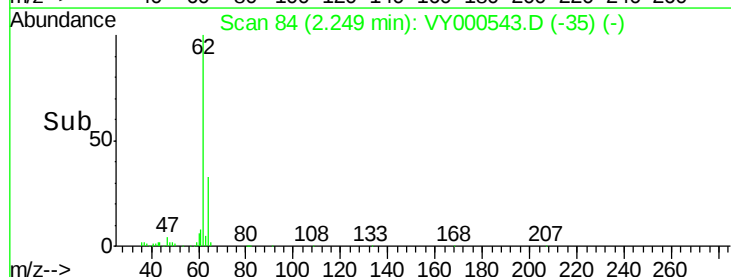
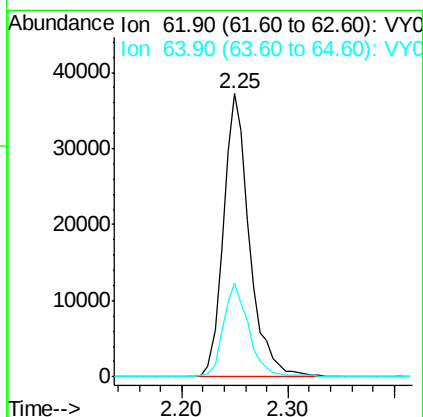
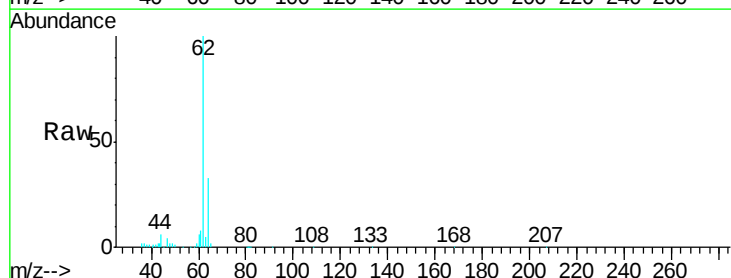
Acq: 06 Nov 2019 12:12

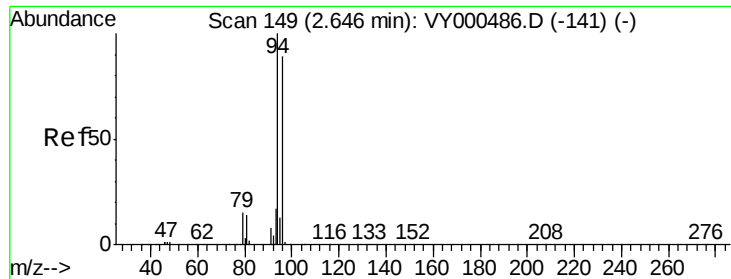
Tgt Ion: 62 Resp: 63328

Ion Ratio Lower Upper

62 100

64 33.2 25.2 37.8





#5

Bromomethane

Concen: 24.659 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 94 Resp: 47222

Ion Ratio Lower Upper

94 100

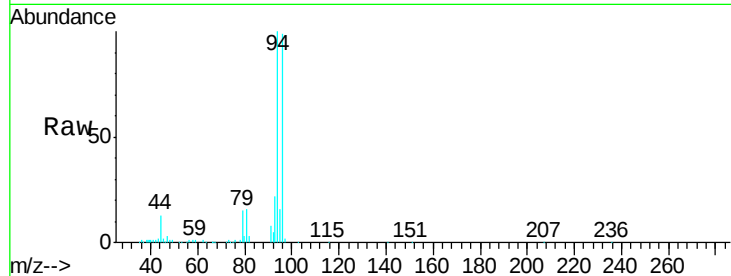
96 99.1 71.2 106.8

Manual Integrations

APPROVED

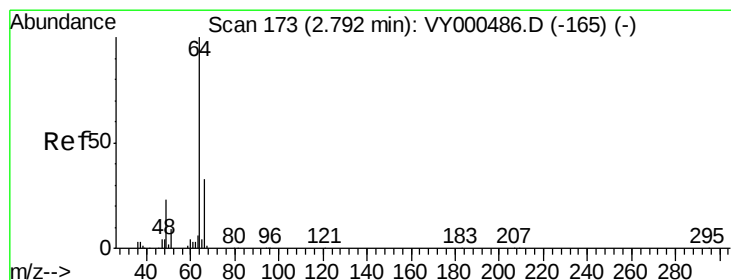
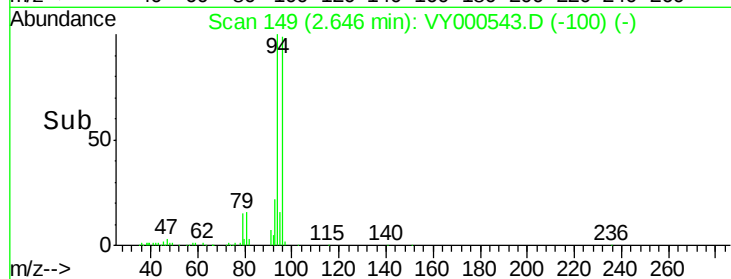
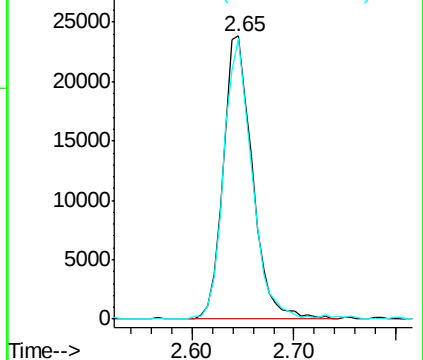
MMDadoda

11/8/2019 10:39:12 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.222 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000543.D

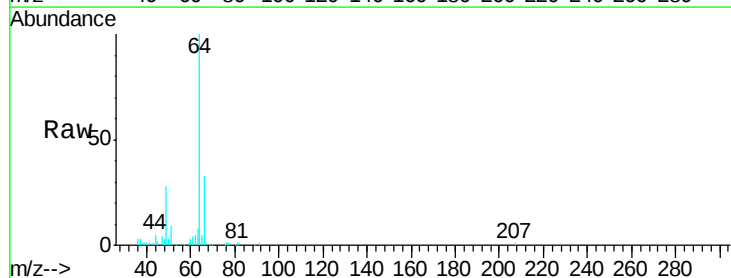
Acq: 06 Nov 2019 12:12

Tgt Ion: 64 Resp: 40416

Ion Ratio Lower Upper

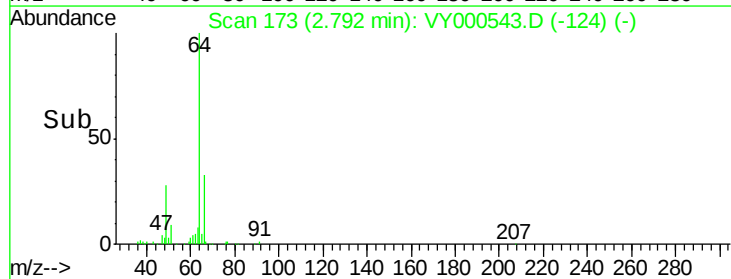
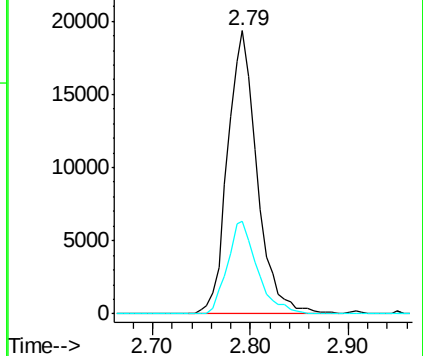
64 100

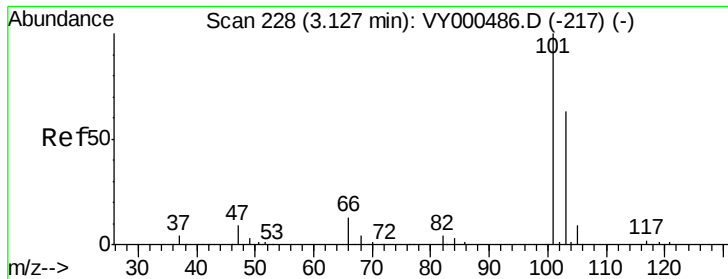
66 32.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

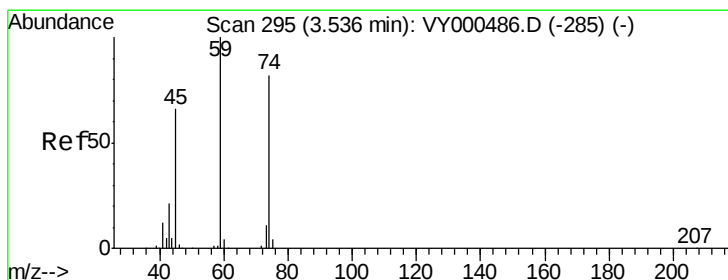
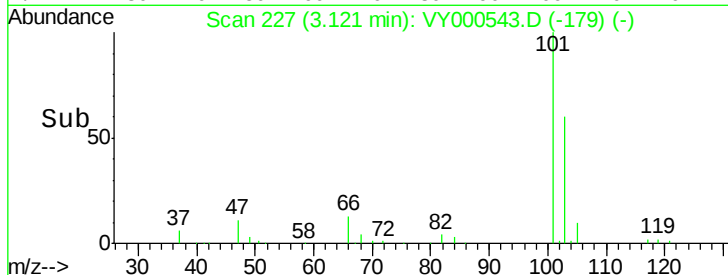
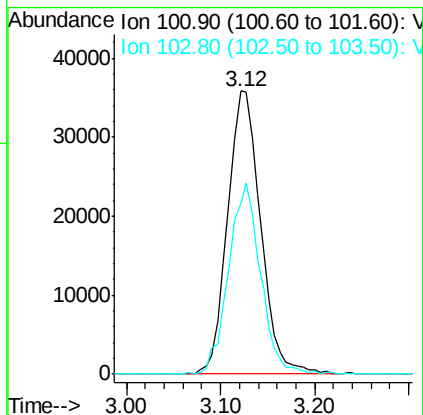
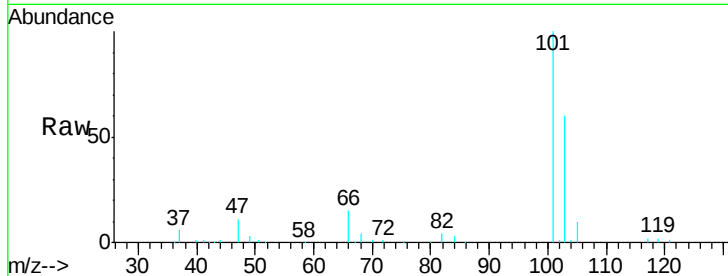
Trichlorofluoromethane
 Concen: 20.355 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	60.0	50.5	75.7

Manual Integrations
 APPROVED

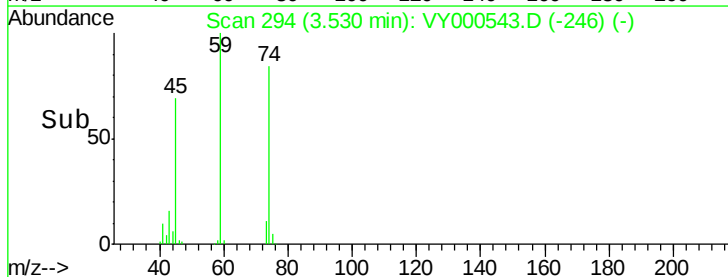
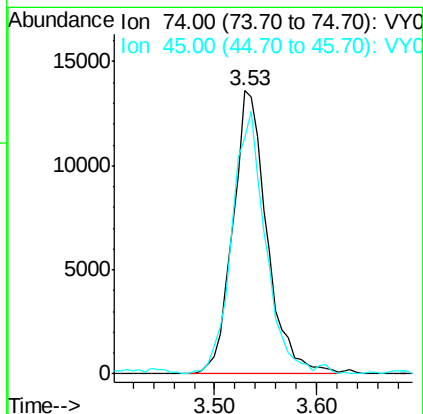
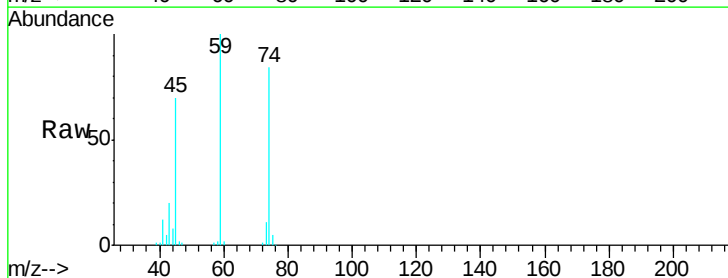
MMDadoda
 11/8/2019 10:39:12 AM

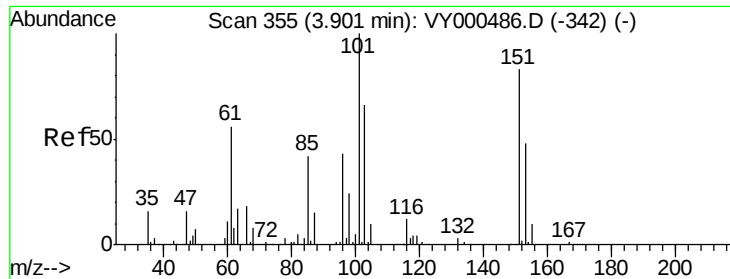


#8

Diethyl Ether
 Concen: 20.572 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.8	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.859 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

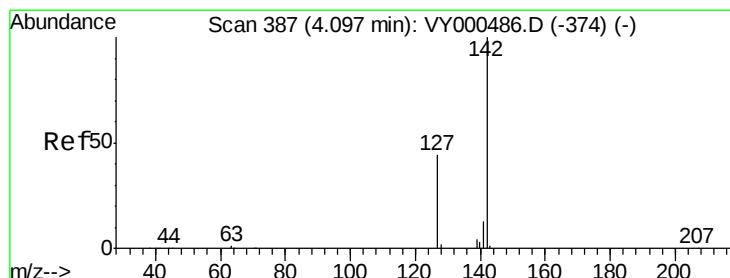
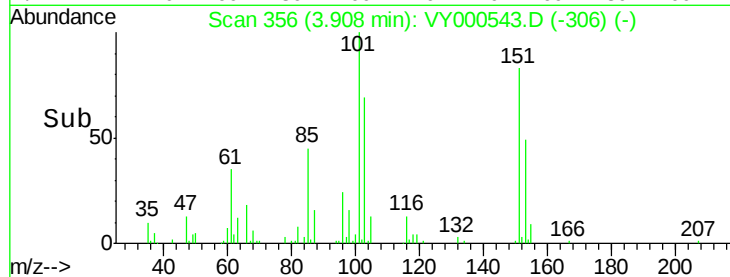
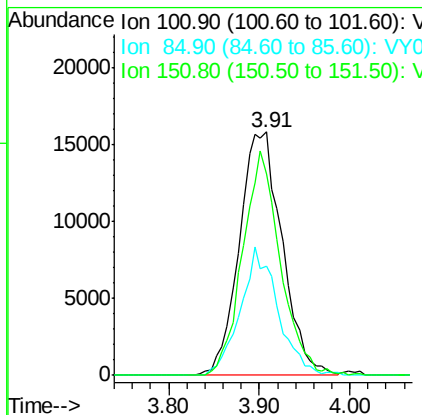
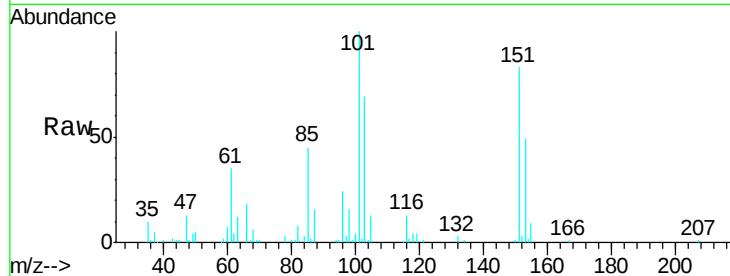
ClientSampleId :

VY1106SBS01

Tgt Ion:	101	Resp:	51779
Ion Ratio	Lower	Upper	
101	100		
85	45.9	36.7	55.1
151	81.1	64.3	96.5

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:12 AM



#10

Methyl Iodide

Concen: 16.280 ug/l

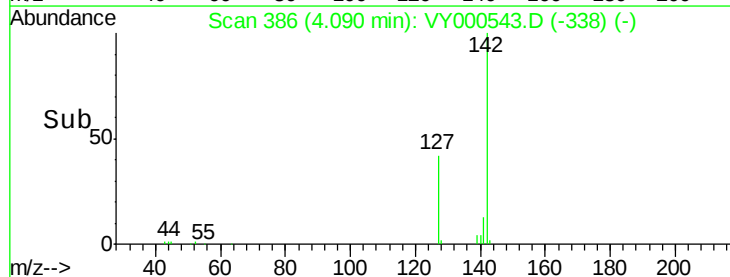
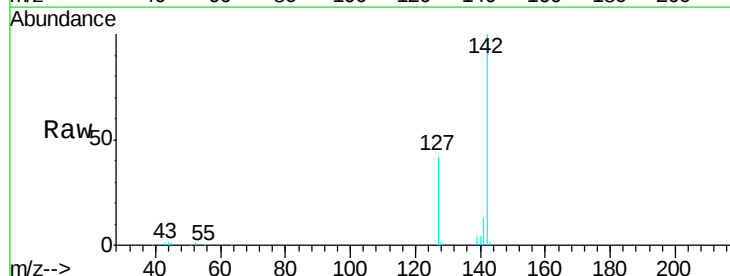
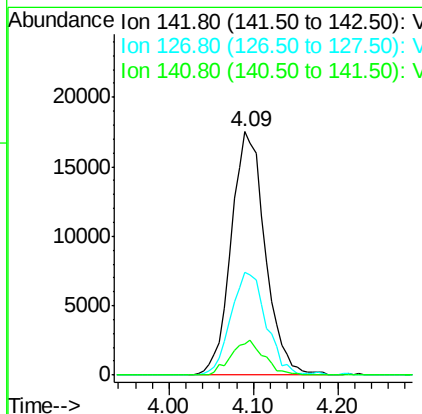
RT: 4.09 min Scan# 386

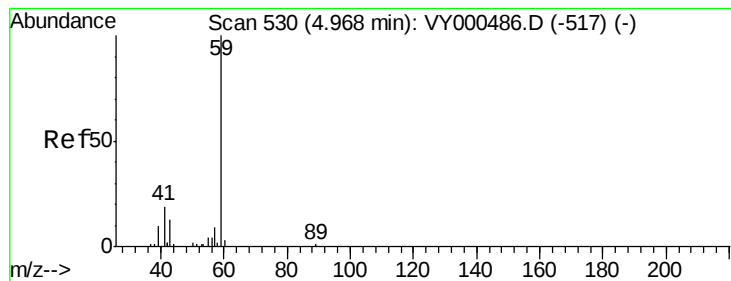
Delta R.T. -0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion:	142	Resp:	47962
Ion Ratio	Lower	Upper	
142	100		
127	43.7	33.7	50.5
141	13.9	10.9	16.3





#11

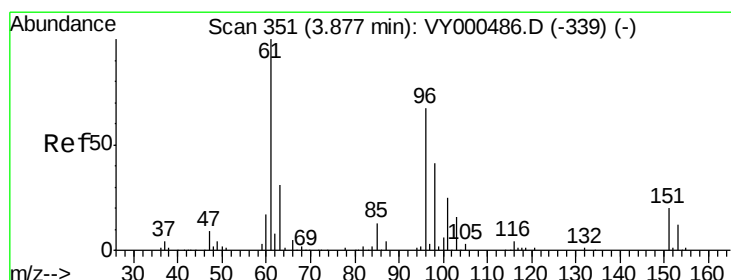
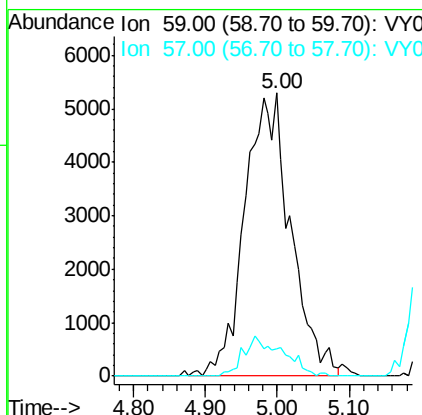
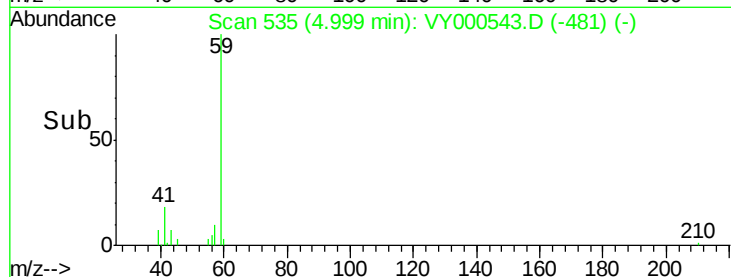
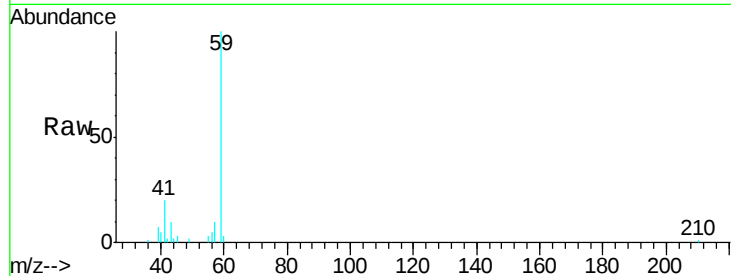
Tert butyl alcohol
Concen: 91.534 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.03 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 59 Resp: 23384
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

Manual Integrations
APPROVED

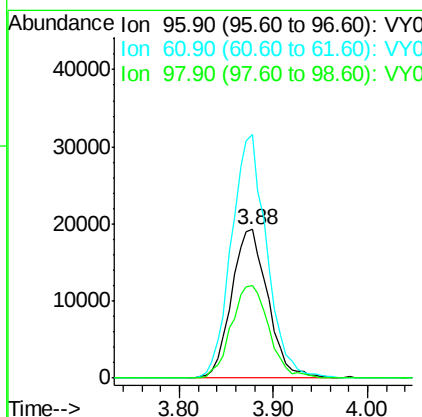
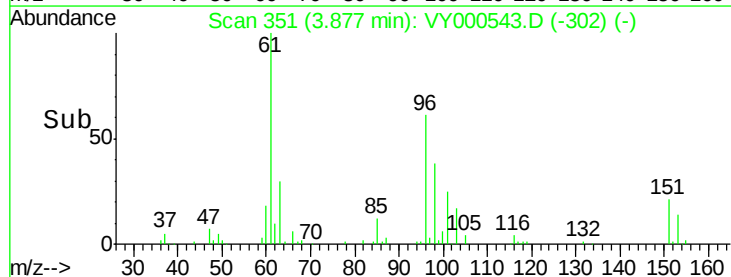
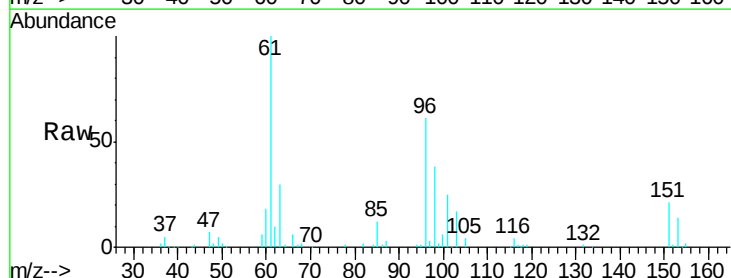
MMDadoda
11/8/2019 10:39:12 AM



#12

1,1-Dichloroethene
Concen: 20.468 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 96 Resp: 51849
Ion Ratio Lower Upper
96 100
61 164.0 119.2 178.8
98 62.2 48.6 73.0





#13

Acrolein

Concen: 85.631 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 56 Resp: 19055

Ion Ratio Lower Upper

56 100

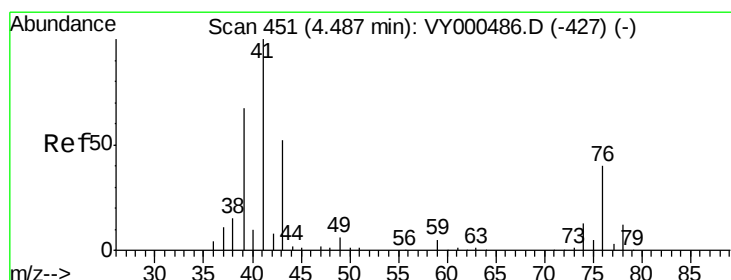
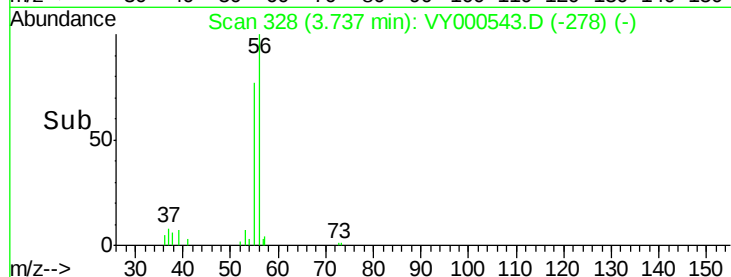
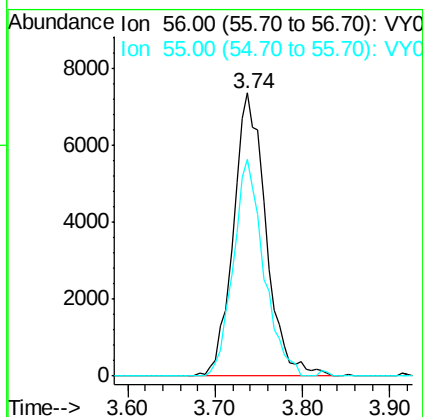
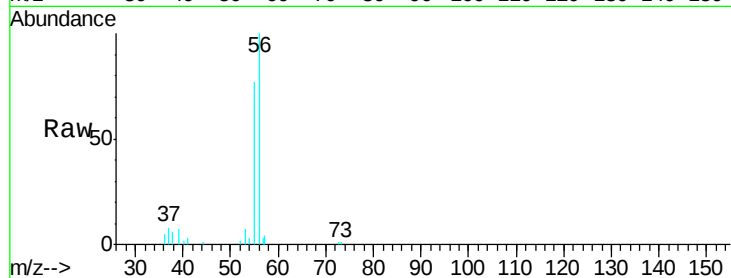
55 71.5 57.0 85.6

Manual Integrations

APPROVED

MMDadoda

11/8/2019 10:39:12 AM



#14

Allyl chloride

Concen: 20.777 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

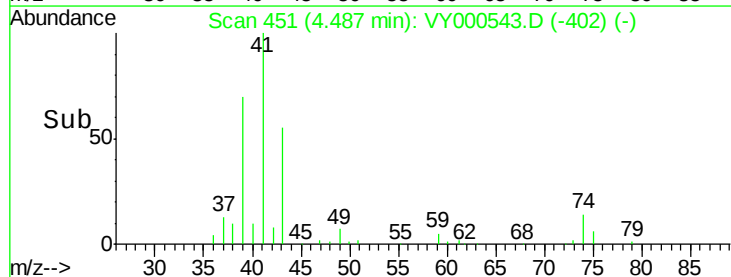
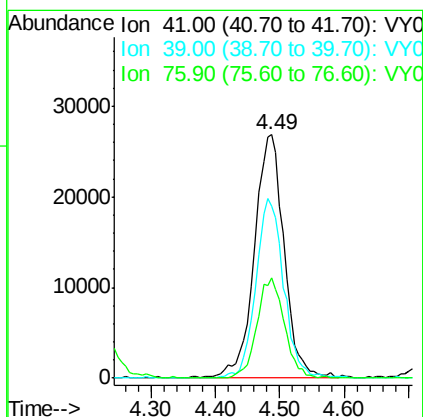
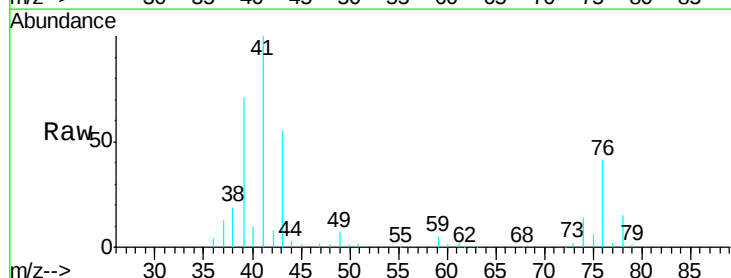
Tgt Ion: 41 Resp: 85581

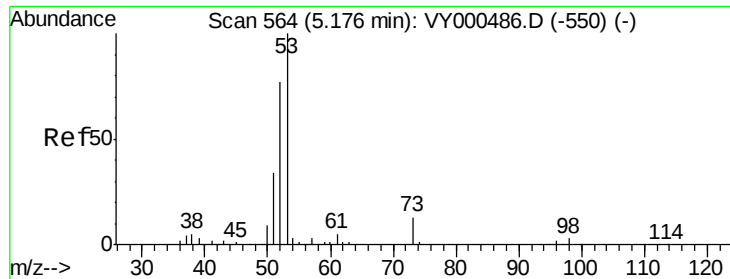
Ion Ratio Lower Upper

41 100

39 68.2 53.6 80.4

76 37.6 29.8 44.6





#15

Acrylonitrile

Concen: 101.559 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

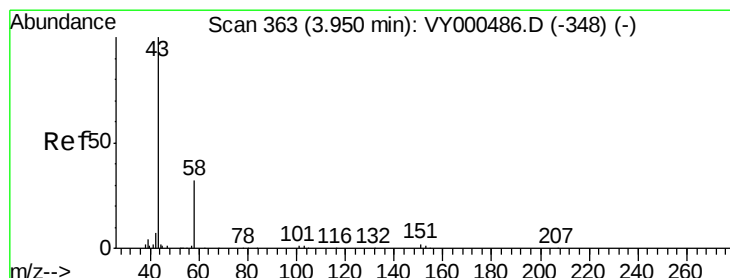
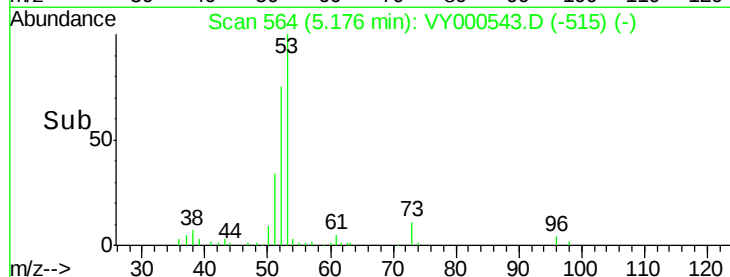
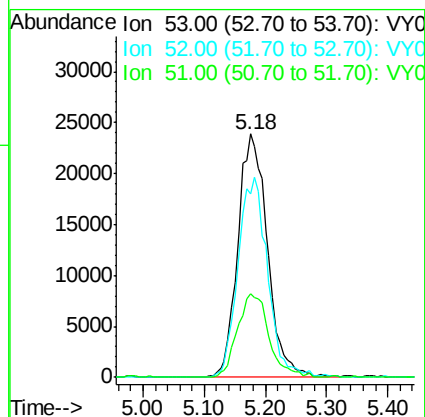
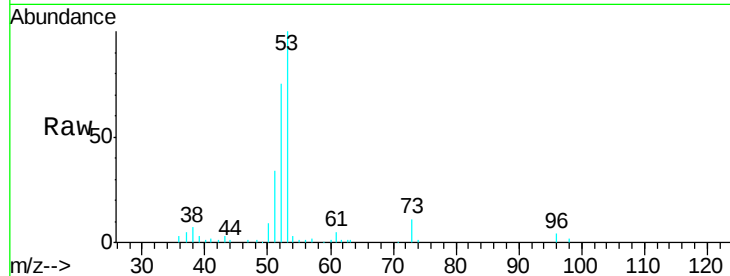
ClientSampleId :

VY1106SBS01

Tgt Ion:	53	Resp:	79724
Ion	Ratio	Lower	Upper
53	100		
52	82.2	64.9	97.3
51	36.5	27.6	41.4

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:12 AM



#16

Acetone

Concen: 87.618 ug/l

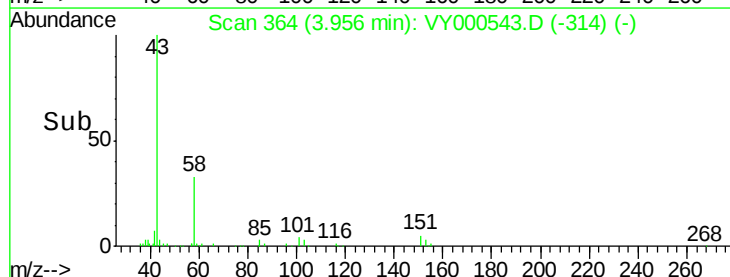
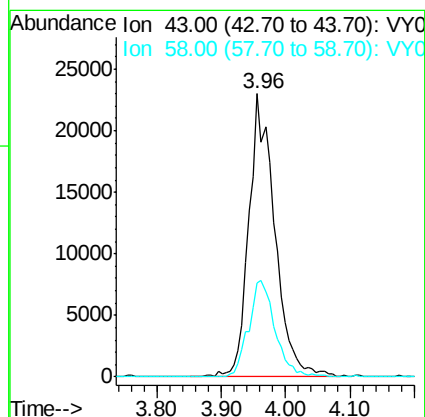
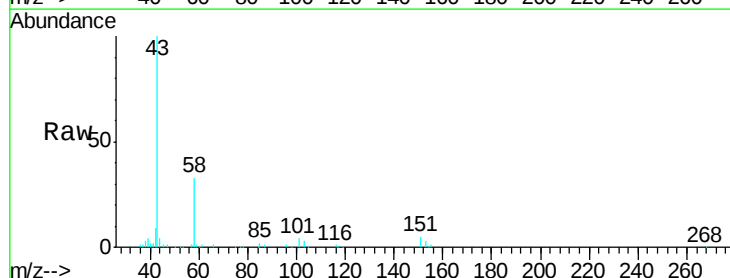
RT: 3.96 min Scan# 364

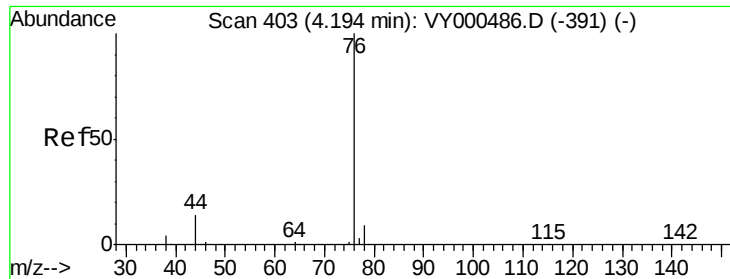
Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion:	43	Resp:	63375
Ion	Ratio	Lower	Upper
43	100		
58	33.2	25.8	38.6





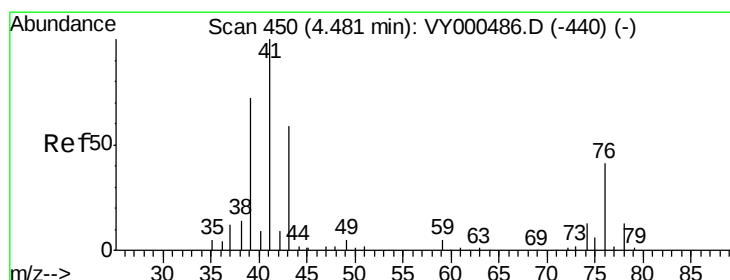
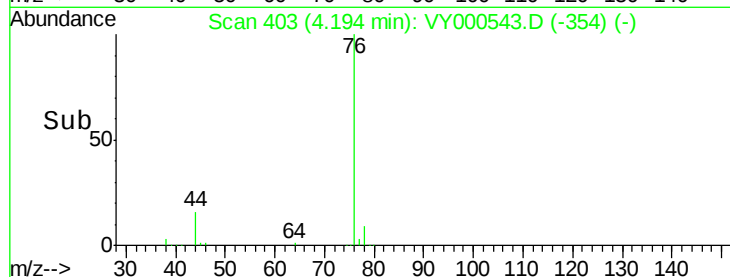
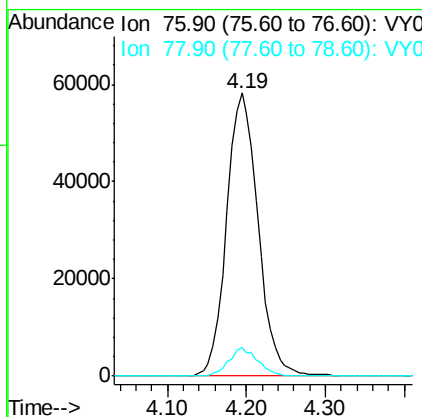
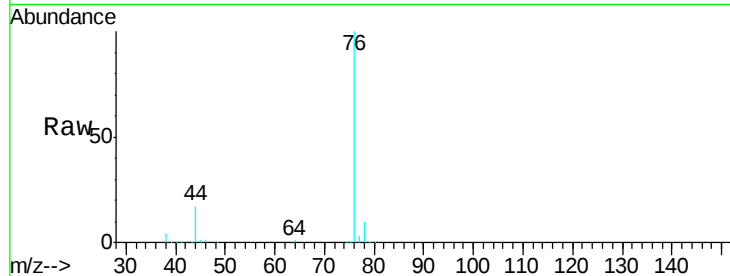
#17
Carbon Disulfide
Concen: 20.217 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBSD01

Tgt Ion: 76 Resp: 161524
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3

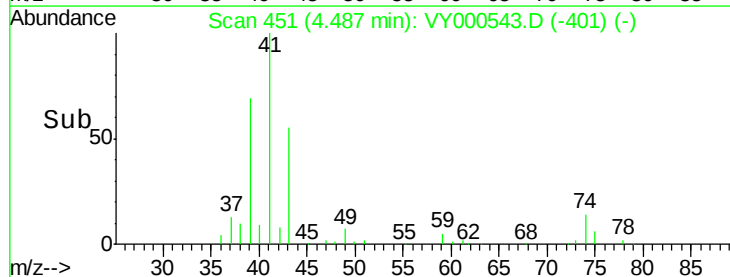
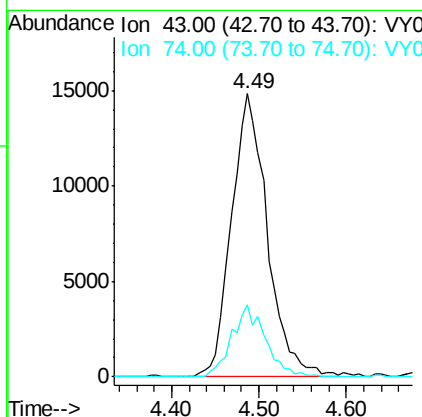
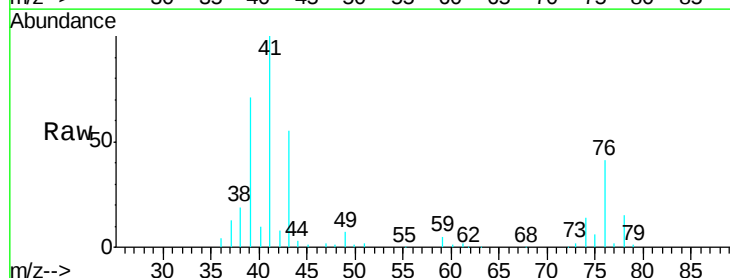
Manual Integrations
APPROVED

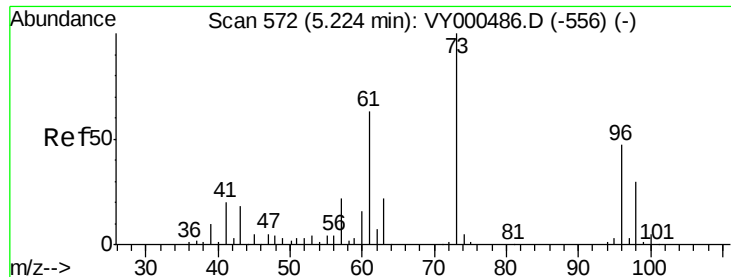
MMDadoda
11/8/2019 10:39:12 AM



#18
Methyl Acetate
Concen: 18.798 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 43 Resp: 42278
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8





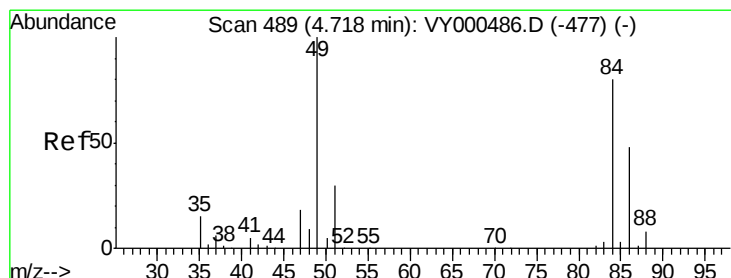
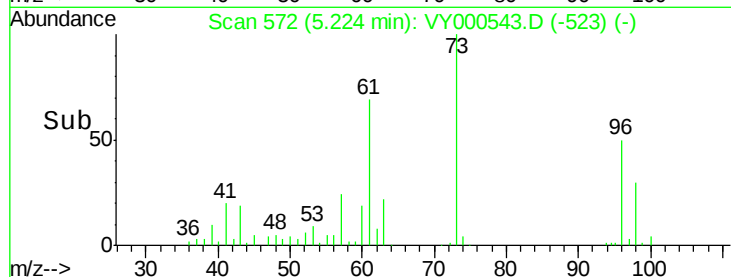
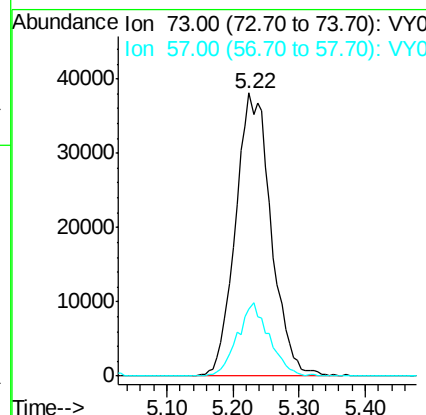
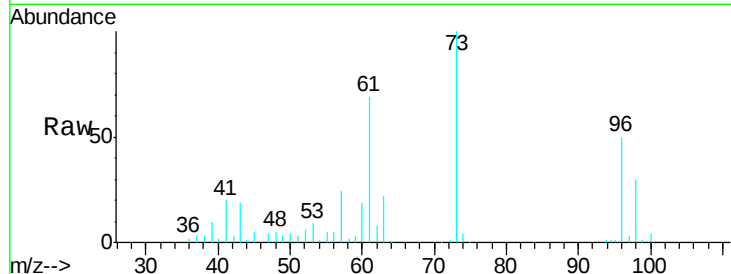
#19
Methyl tert-butyl Ether
Concen: 20.198 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 73 Resp: 142259
Ion Ratio Lower Upper
73 100
57 23.8 17.4 26.0

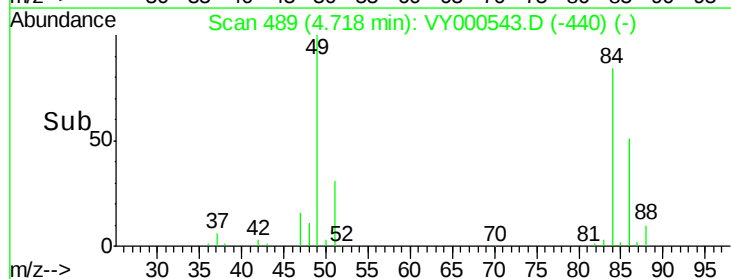
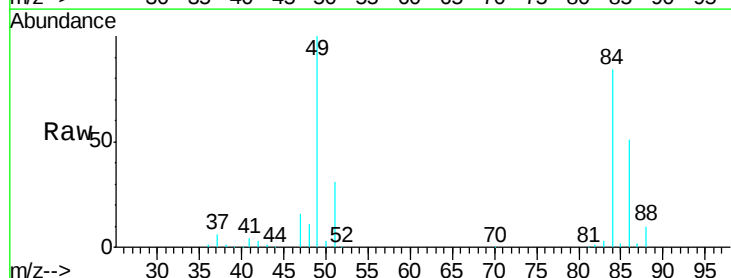
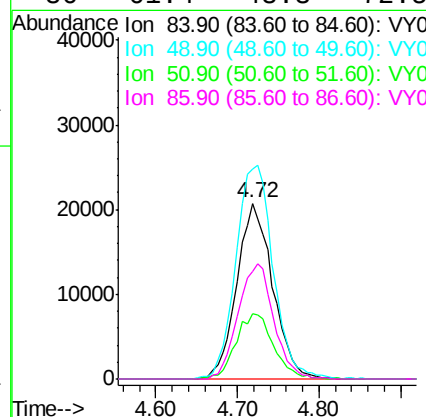
Manual Integrations
APPROVED

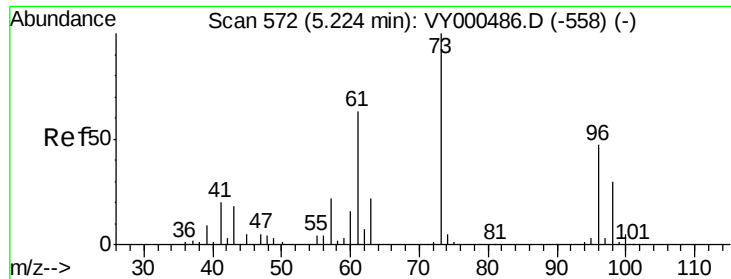
MMDadoda
11/8/2019 10:39:12 AM



#20
Methylene Chloride
Concen: 20.366 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 84 Resp: 63121
Ion Ratio Lower Upper
84 100
49 119.7 100.2 150.4
51 37.0 29.6 44.4
86 61.4 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 20.530 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

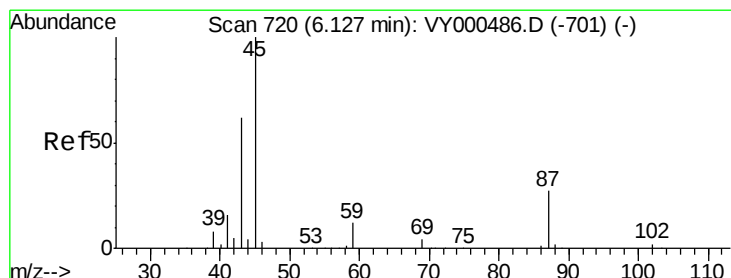
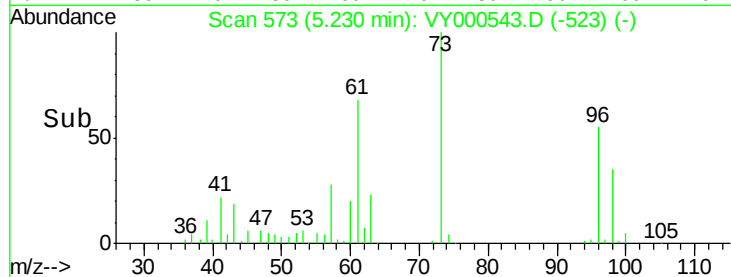
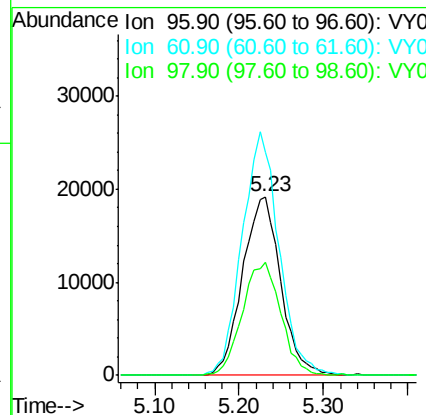
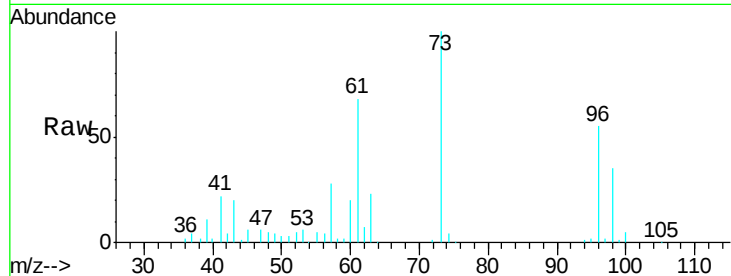
ClientSampleId :

VY1106SBS01

Tgt Ion:	96	Resp:	58794
Ion	Ratio	Lower	Upper
96	100		
61	124.7	106.6	160.0
98	63.5	50.6	76.0

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:12 AM



#22

Diisopropyl ether

Concen: 20.108 ug/l

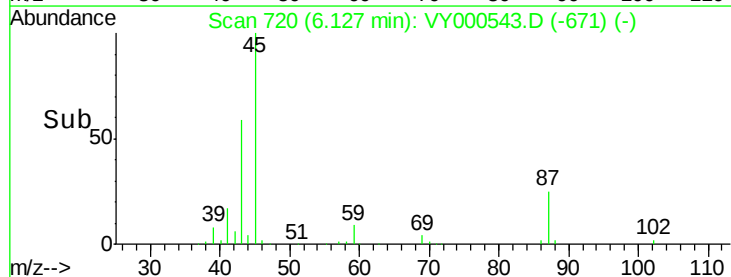
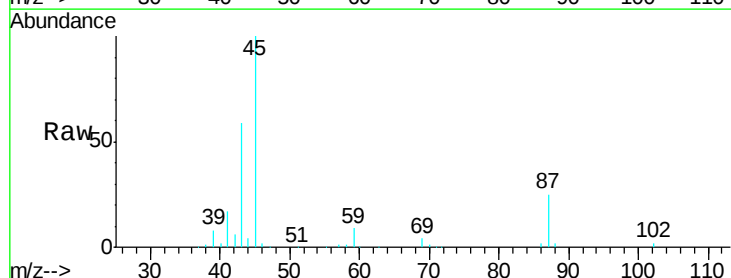
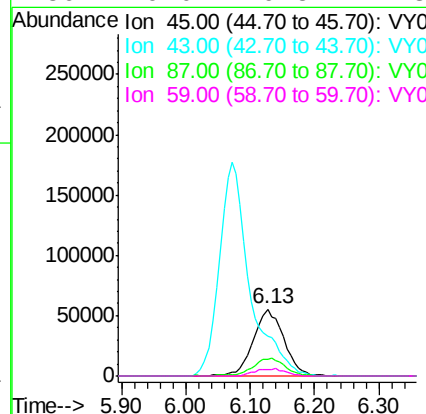
RT: 6.13 min Scan# 720

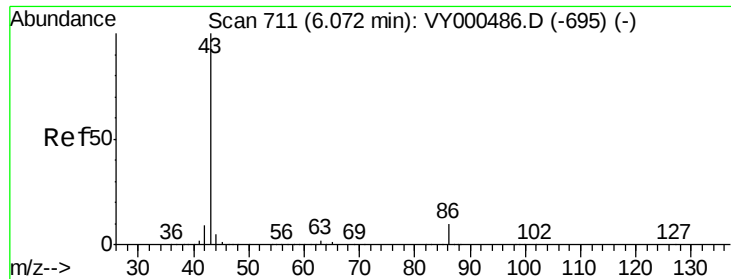
Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion:	45	Resp:	180020
Ion	Ratio	Lower	Upper
45	100		
43	59.1	50.0	75.0
87	25.4	21.6	32.4
59	9.0	9.5	14.3#





#23

Vinyl Acetate

Concen: 104.016 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 43 Resp: 587850

Ion Ratio Lower Upper

43 100

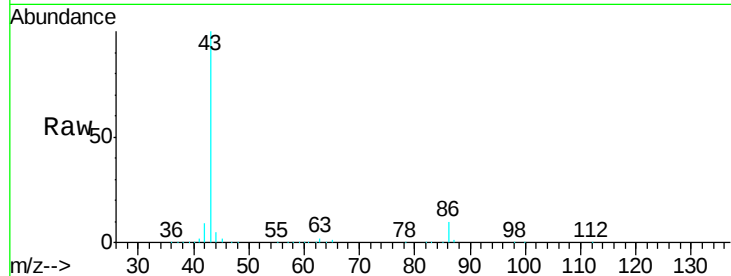
86 10.5 7.8 11.6

Manual Integrations

APPROVED

MMDadoda

11/8/2019 10:39:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

200000

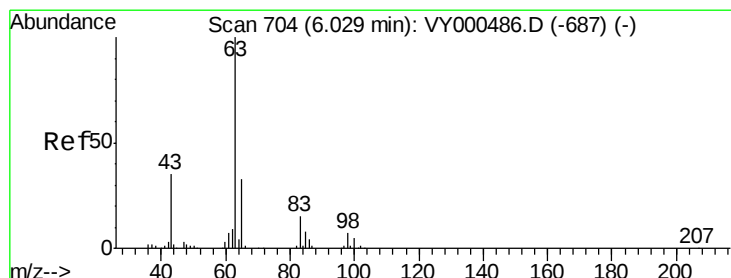
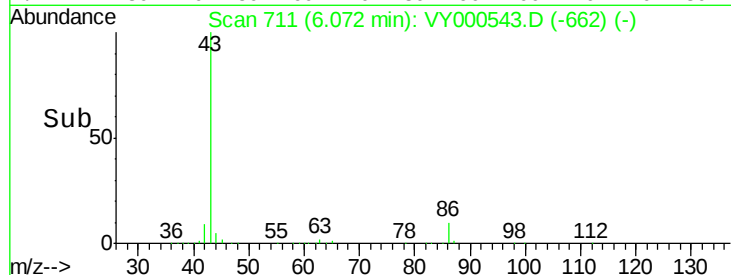
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.368 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

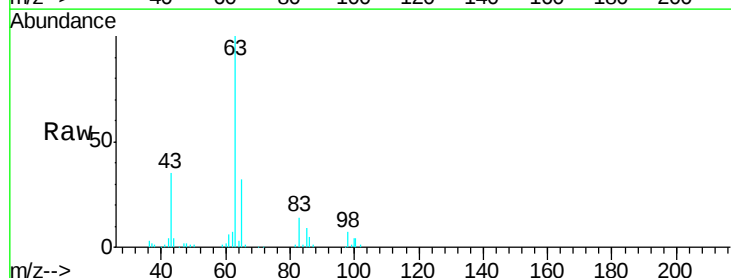
Tgt Ion: 63 Resp: 98789

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 7.5 2.4 7.1#



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

6.03

40000

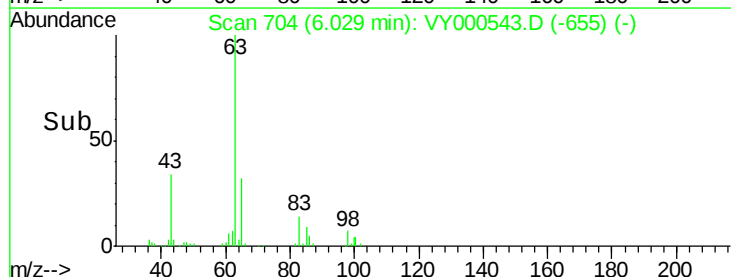
30000

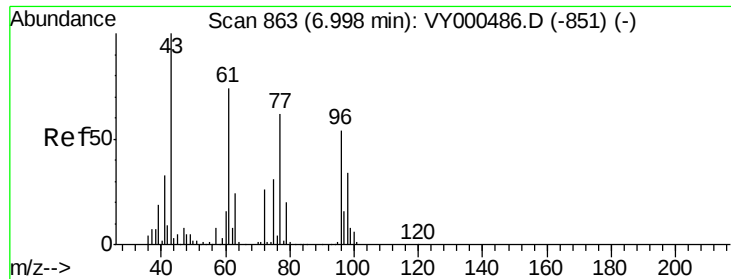
20000

10000

0

Time-->





#25

2-Butanone

Concen: 96.064 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 43 Resp: 110892

Ion Ratio Lower Upper

43 100

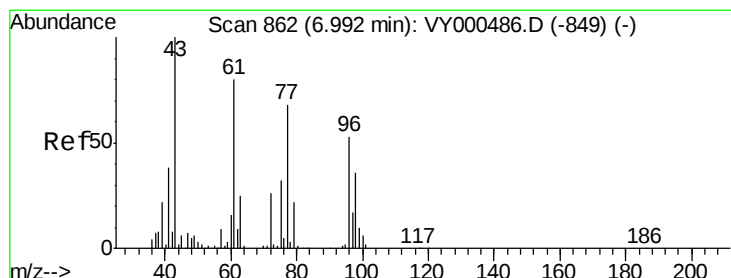
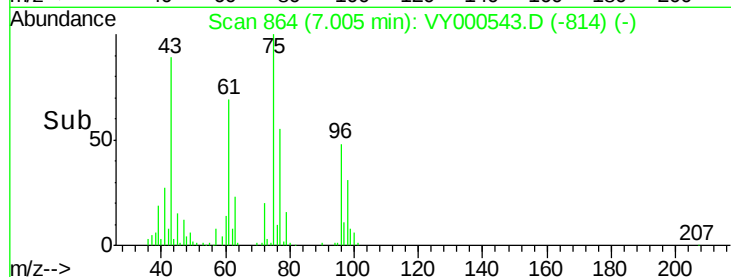
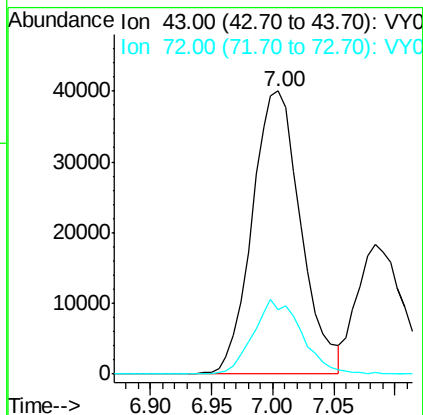
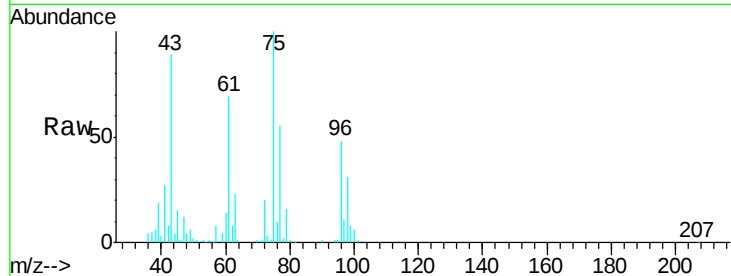
72 22.8 20.9 31.3

Manual Integrations

APPROVED

MMDadoda

11/8/2019 10:39:12 AM



#26

2,2-Dichloropropane

Concen: 20.317 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000543.D

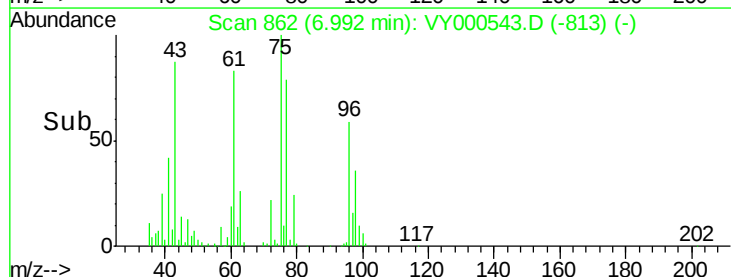
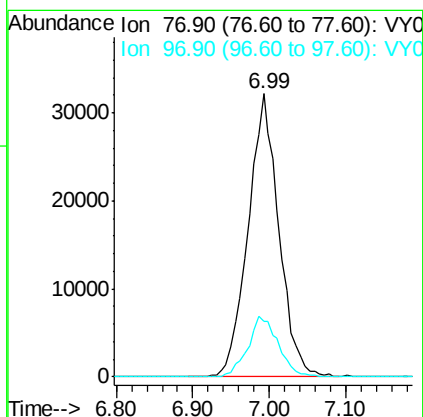
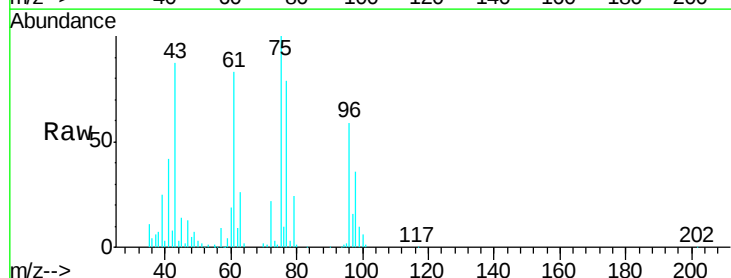
Acq: 06 Nov 2019 12:12

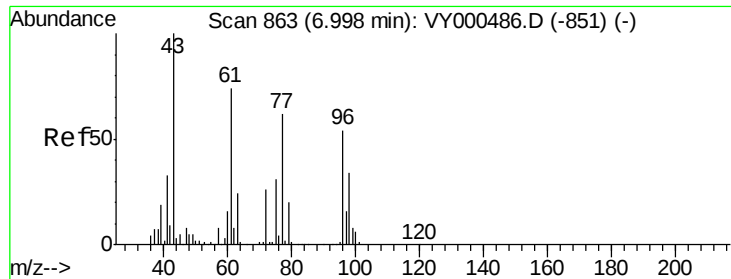
Tgt Ion: 77 Resp: 90053

Ion Ratio Lower Upper

77 100

97 21.4 11.8 35.4





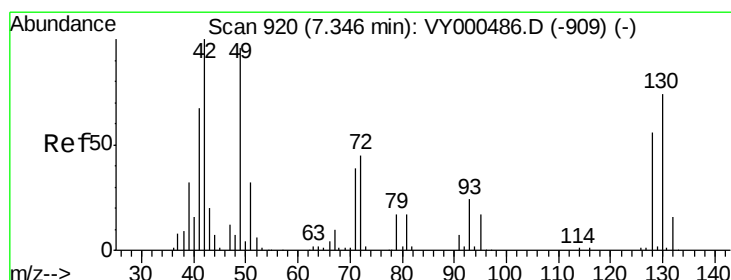
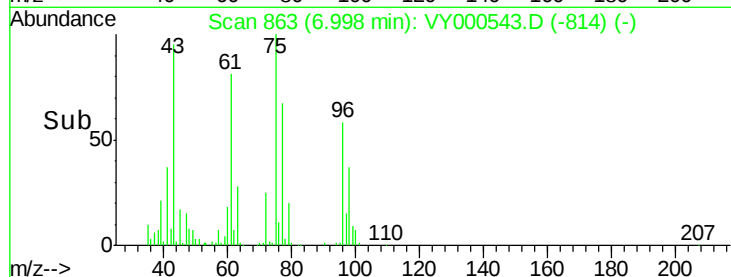
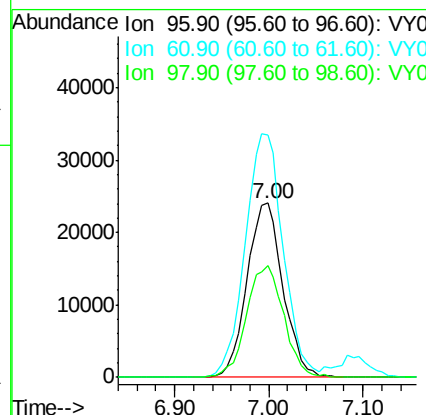
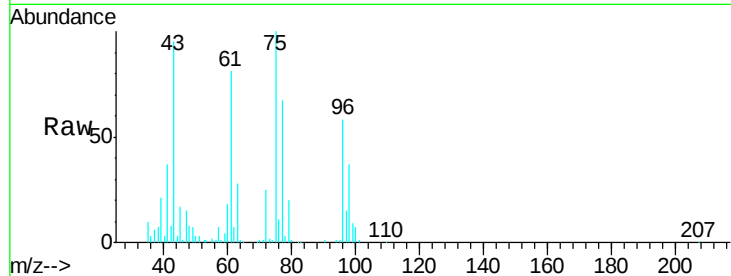
#27
 cis-1,2-Dichloroethene
 Concen: 20.546 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	287.0
98	66.2	0.0	129.4

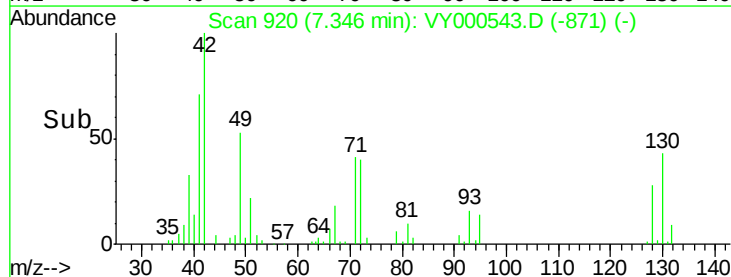
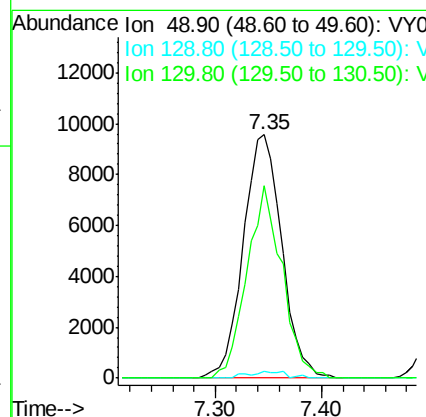
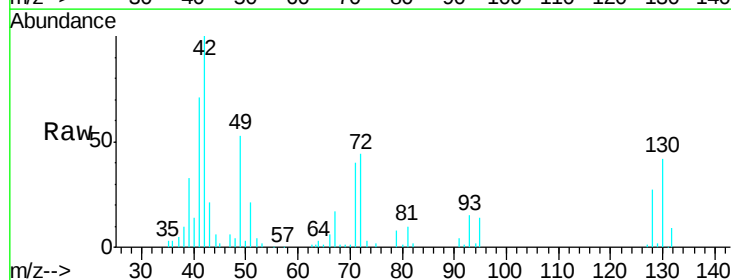
Manual Integrations
 APPROVED

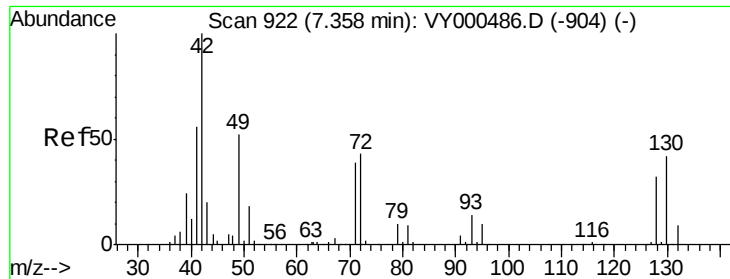
MMDadoda
 11/8/2019 10:39:12 AM



#28
 Bromochloromethane
 Concen: 14.178 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	3.6
130	72.3	59.4	89.0





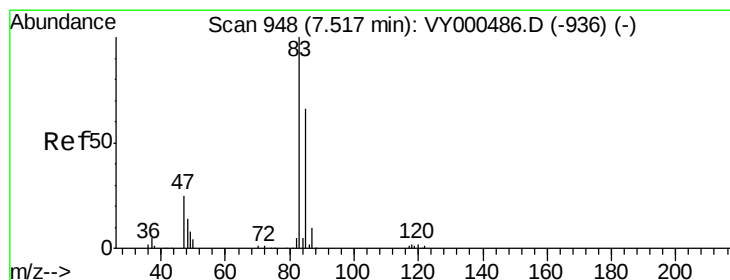
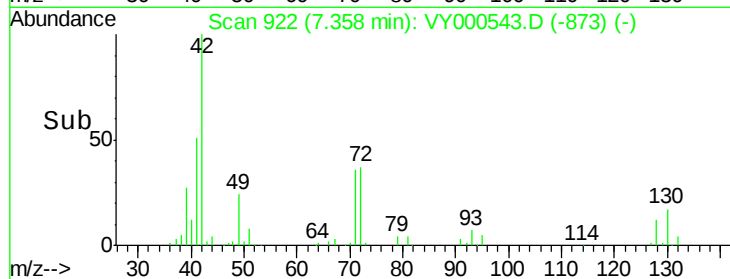
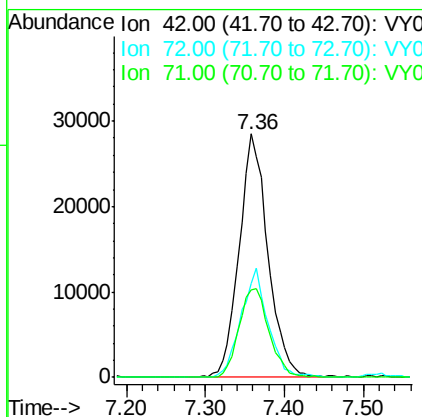
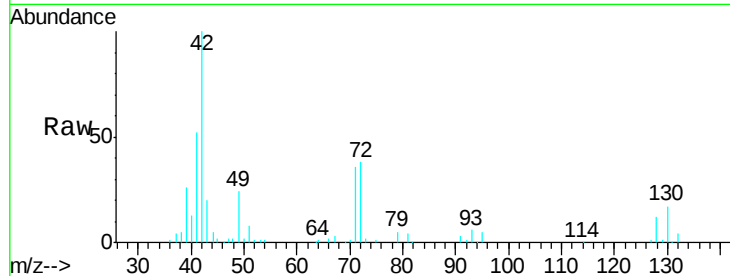
#29
Tetrahydrofuran
Concen: 102.712 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.0	51.0
71	38.3	30.8	46.2

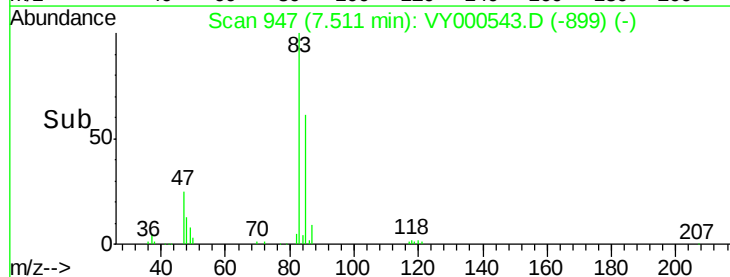
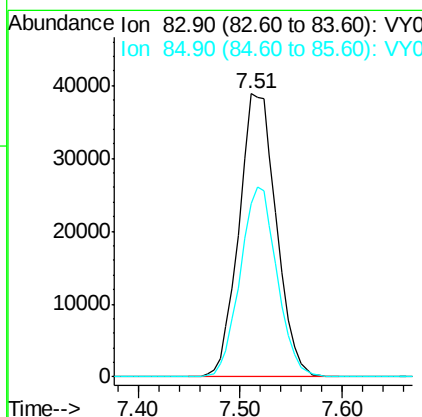
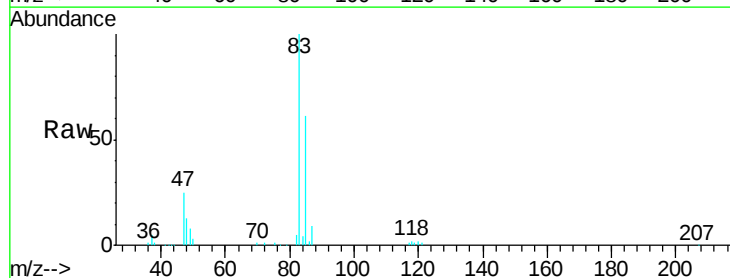
Manual Integrations
APPROVED

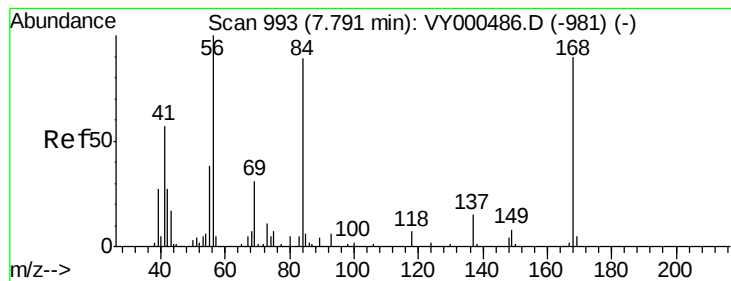
MMDadoda
11/8/2019 10:39:12 AM



#30
Chloroform
Concen: 20.190 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	53.0	79.4





#31

Cyclohexane

Concen: 19.804 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 56 Resp: 100605
Ion Ratio Lower Upper

56 100

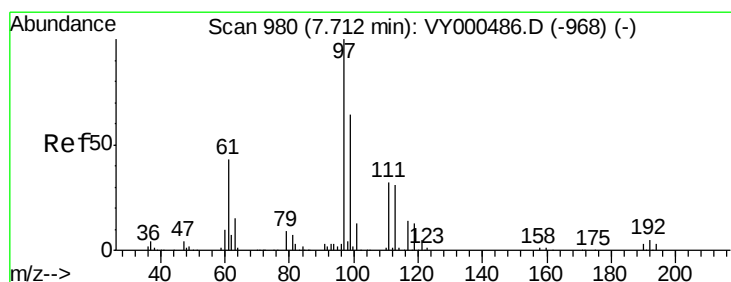
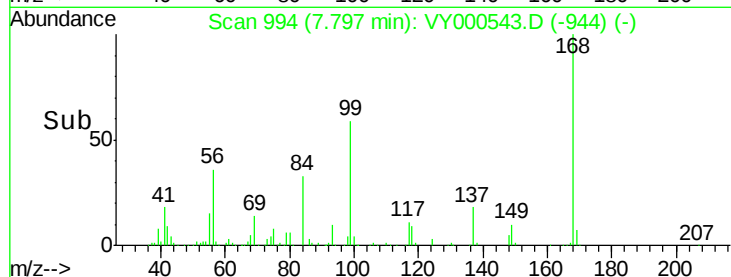
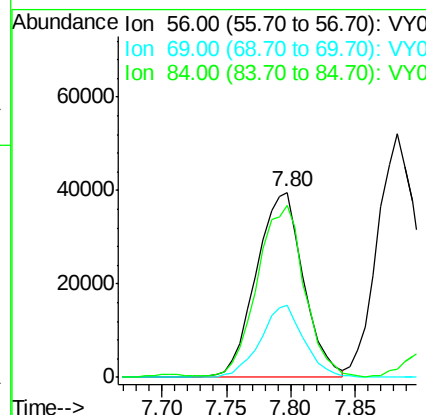
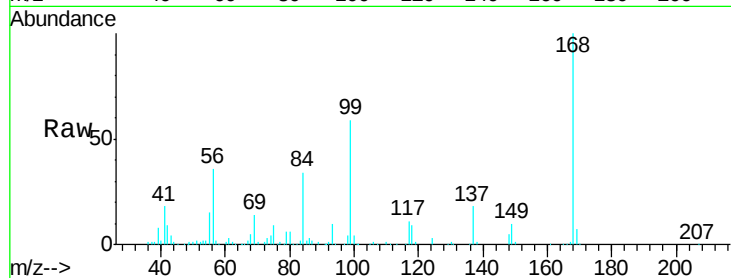
69 38.8 25.0 37.6#

84 91.8 71.4 107.2

Manual Integrations
APPROVED

MMDadoda

11/8/2019 10:39:12 AM



#32

1,1,1-Trichloroethane

Concen: 20.551 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000543.D

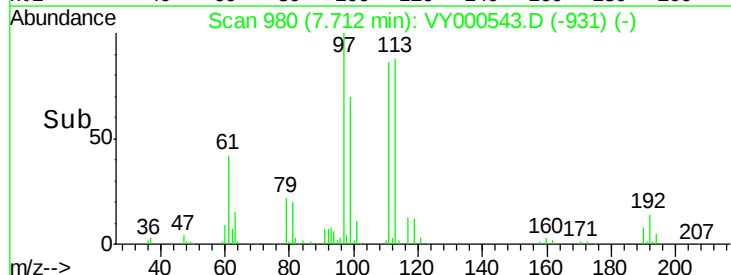
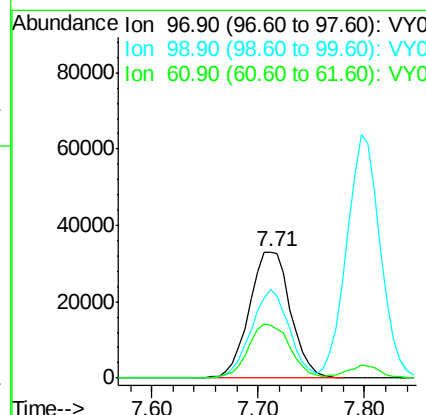
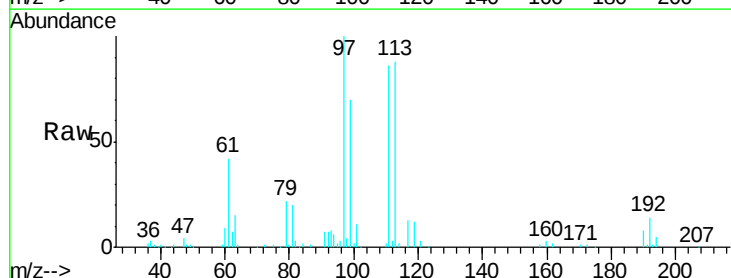
Acq: 06 Nov 2019 12:12

Tgt Ion: 97 Resp: 89865
Ion Ratio Lower Upper

97 100

99 64.8 50.9 76.3

61 43.2 34.9 52.3





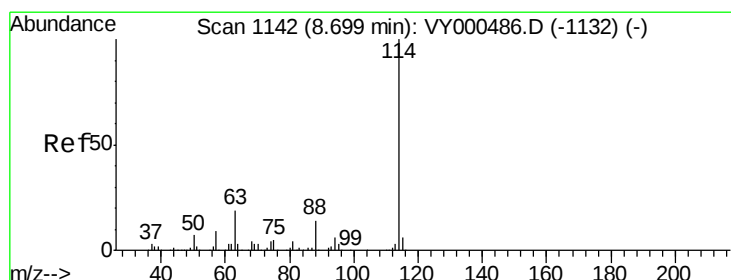
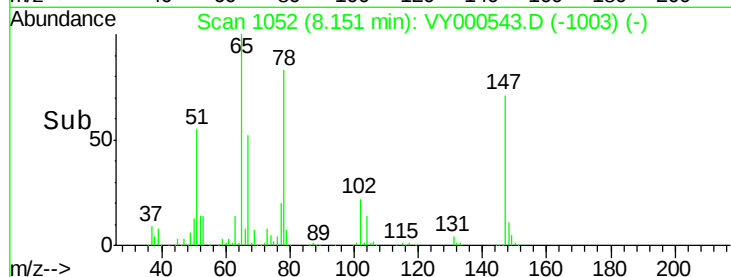
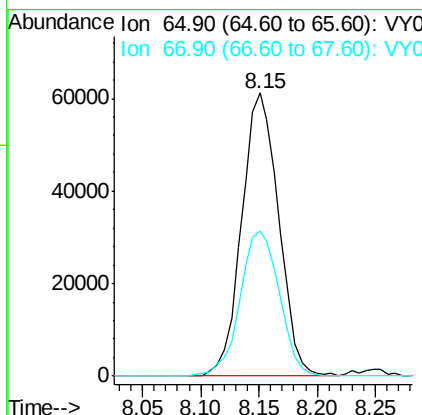
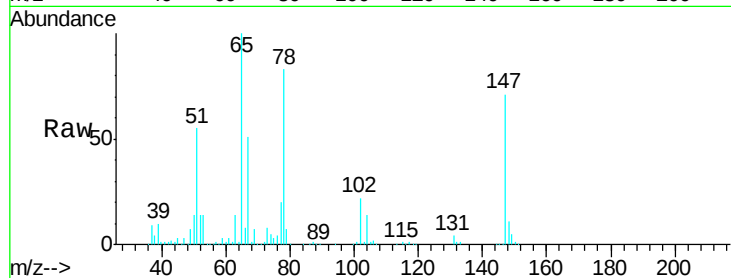
#33
 1,2-Dichloroethane-d4
 Concen: 51.749 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	135808		
67	54.5	0.0	107.2	

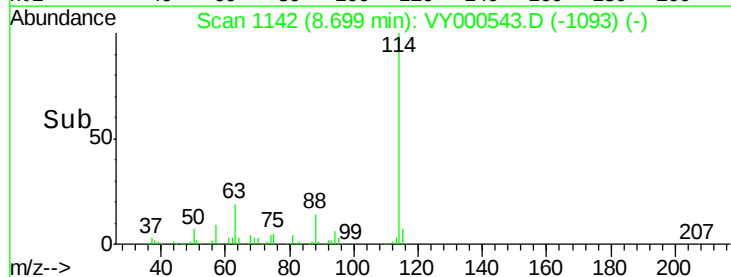
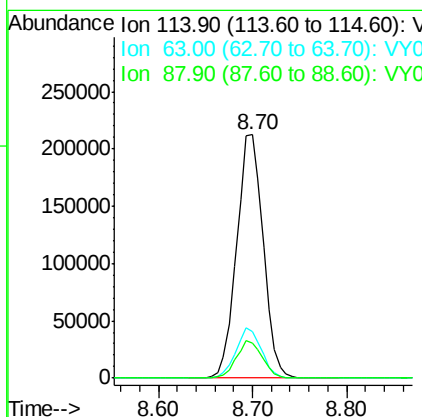
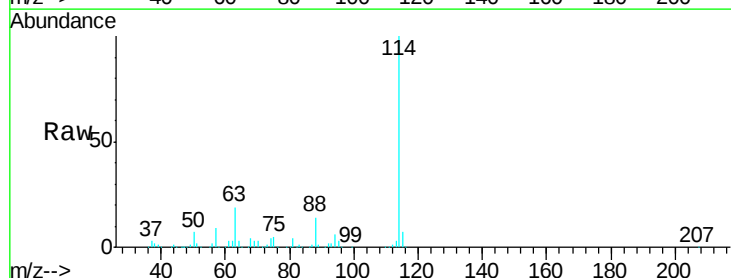
Manual Integrations
 APPROVED

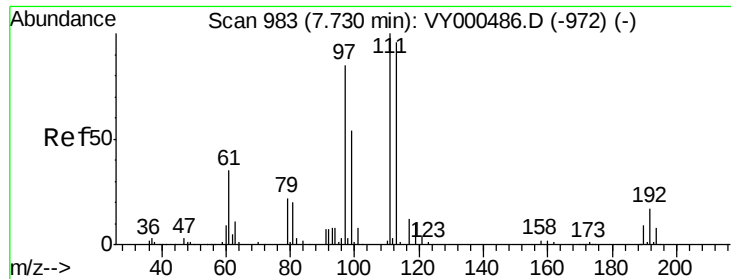
MMDadoda
 11/8/2019 10:39:12 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	417919		
63	19.3	0.0	38.0	
88	14.2	0.0	28.6	





#35

Dibromofluoromethane

Concen: 48.999 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

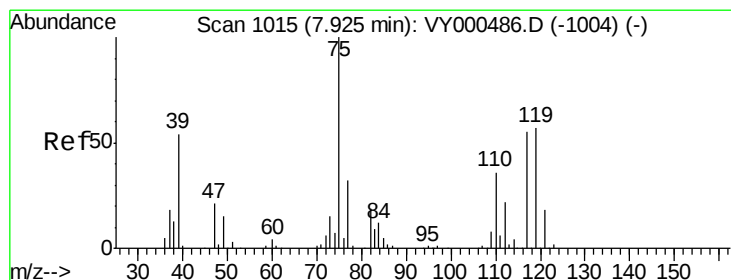
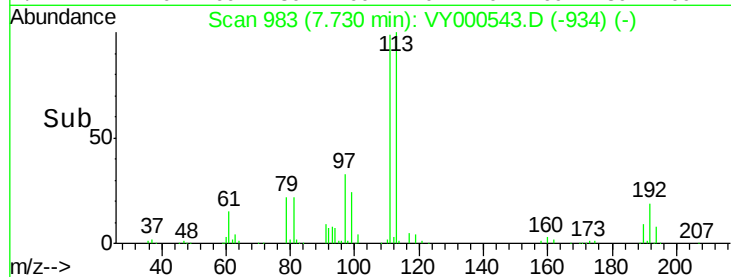
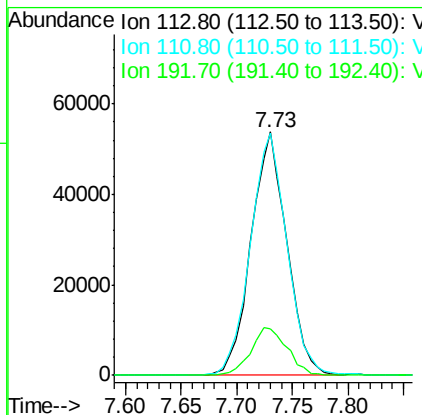
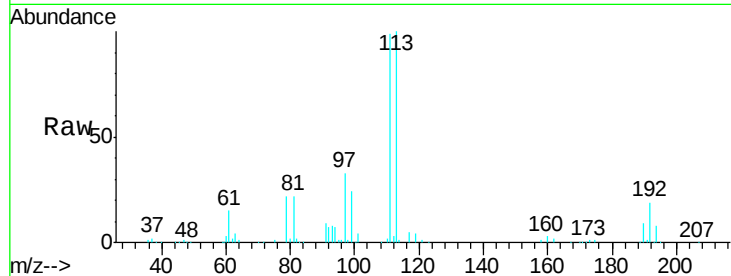
ClientSampleId :

VY1106SBS01

Tgt Ion:	113	Resp:	120218
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.7	122.5
192	20.0	15.0	22.4

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:12 AM



#36

1,1-Dichloropropene

Concen: 20.794 ug/l

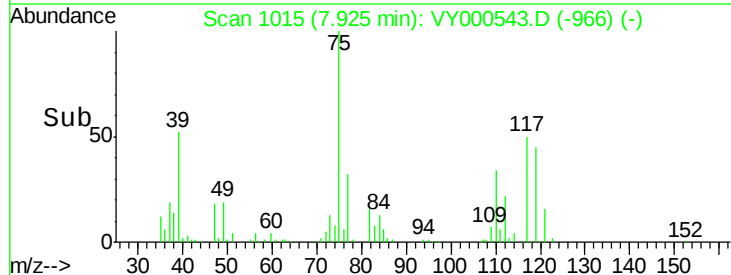
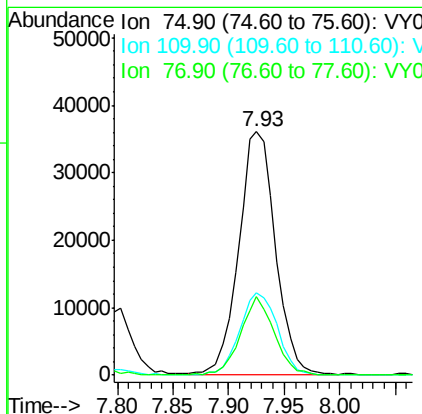
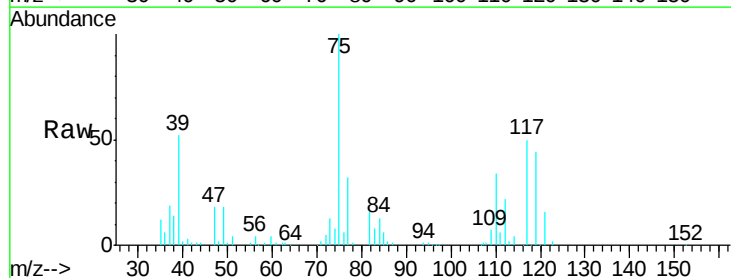
RT: 7.93 min Scan# 1015

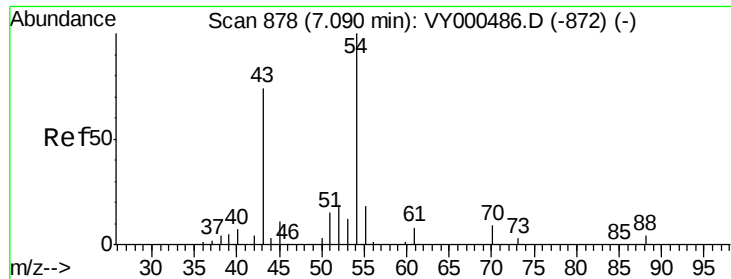
Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion:	75	Resp:	82154
Ion Ratio	Lower	Upper	
75	100		
110	35.0	18.1	54.1
77	30.0	25.0	37.6





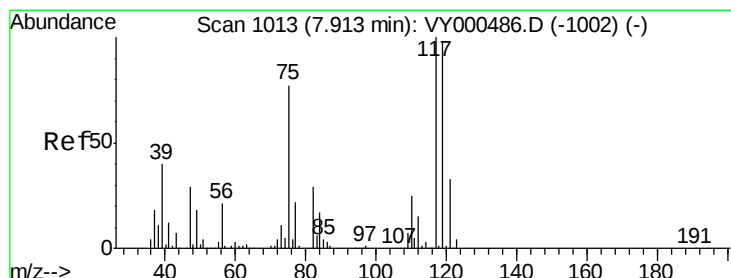
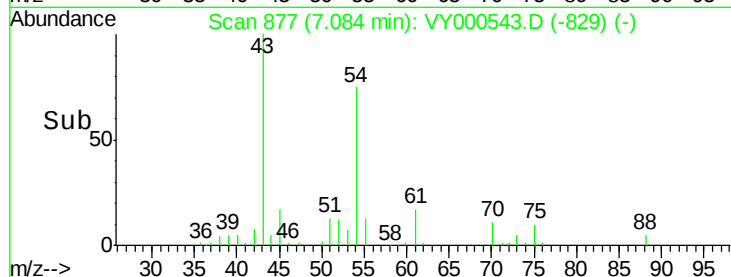
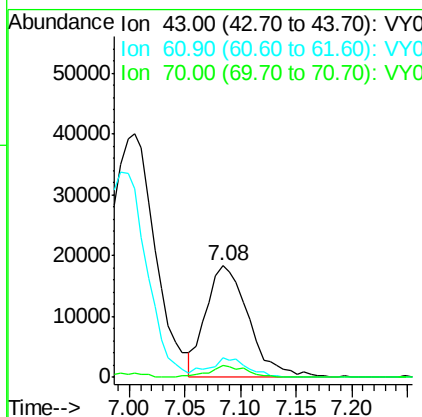
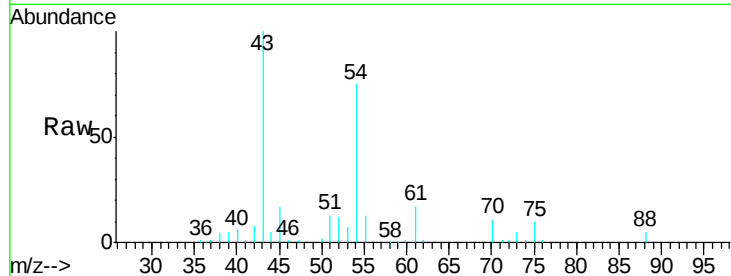
#37
Ethyl Acetate
Concen: 20.660 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 43 Resp: 48460
Ion Ratio Lower Upper
43 100
61 15.7 10.2 15.2#
70 9.3 7.8 11.8

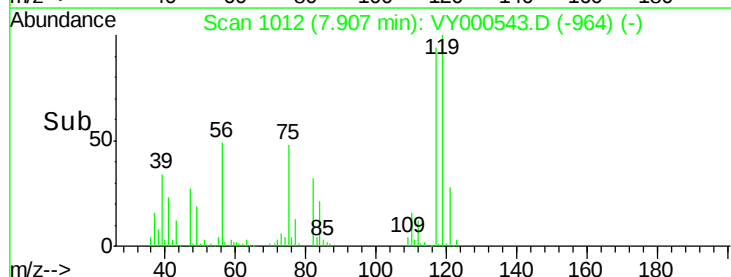
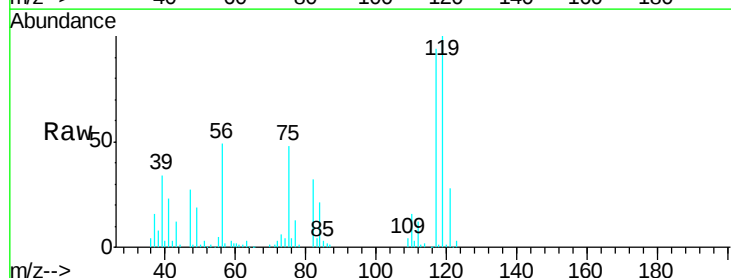
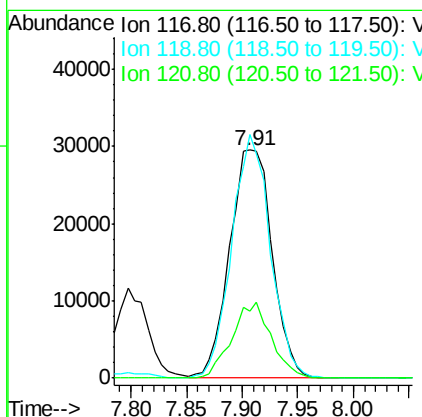
Manual Integrations
APPROVED

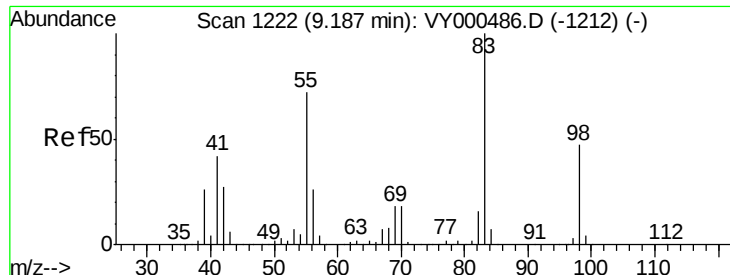
MMDadoda
11/8/2019 10:39:12 AM



#38
Carbon Tetrachloride
Concen: 20.616 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 117 Resp: 78372
Ion Ratio Lower Upper
117 100
119 106.8 78.0 117.0
121 29.5 26.6 40.0





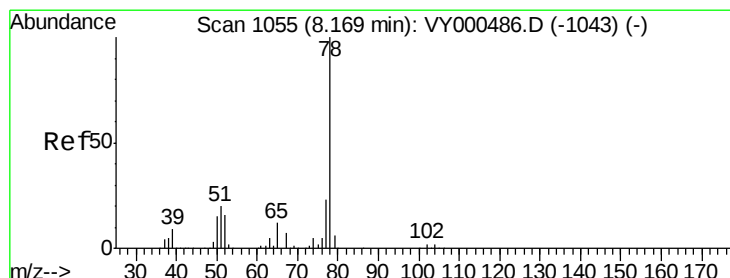
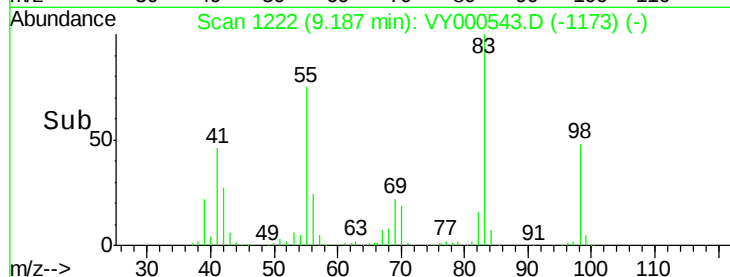
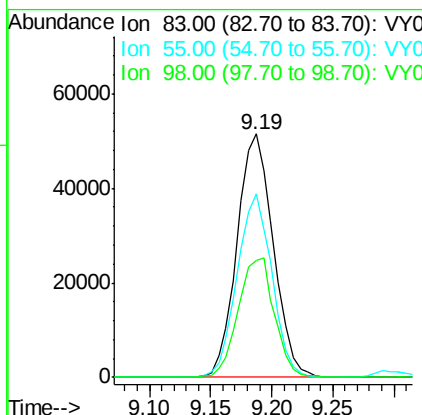
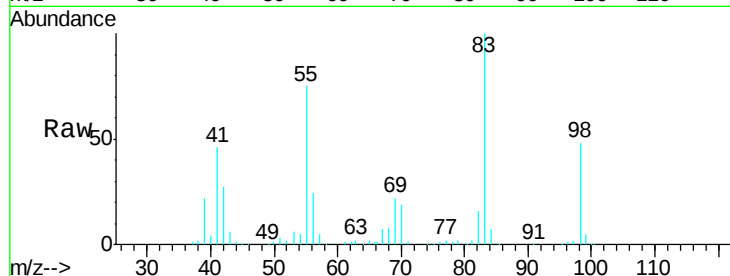
#39
Methylcyclohexane
Concen: 20.723 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.2	57.5	86.3
98	48.1	38.0	57.0

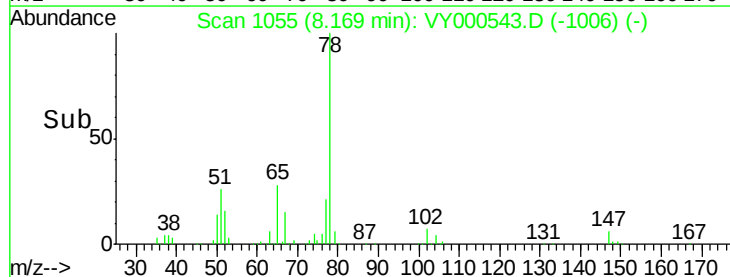
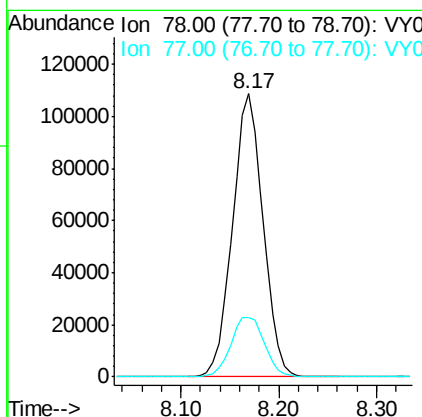
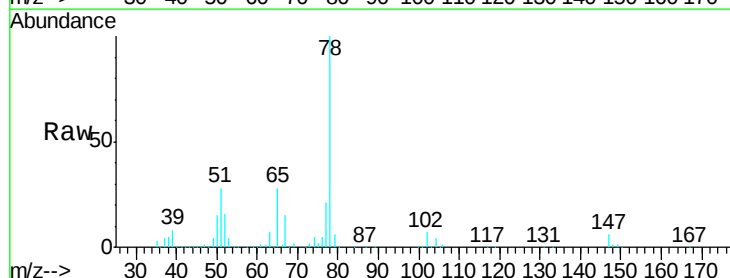
Manual Integrations
APPROVED

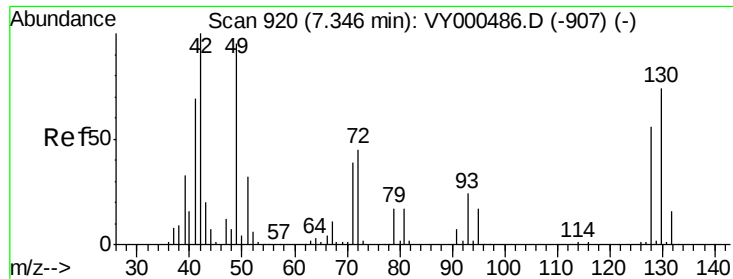
MMDadoda
11/8/2019 10:39:12 AM



#40
Benzene
Concen: 20.299 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.1	18.6	28.0





#41

Methacrylonitrile

Concen: 26.111 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 41 Resp: 34167
Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

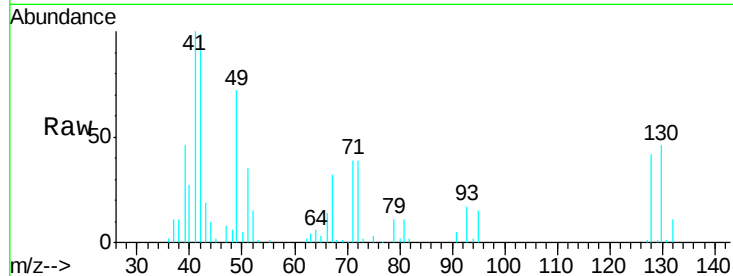
67 0.0 0.0 0.0

52 0.0 0.0 0.0

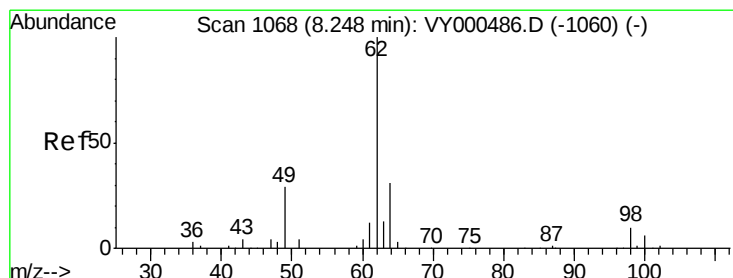
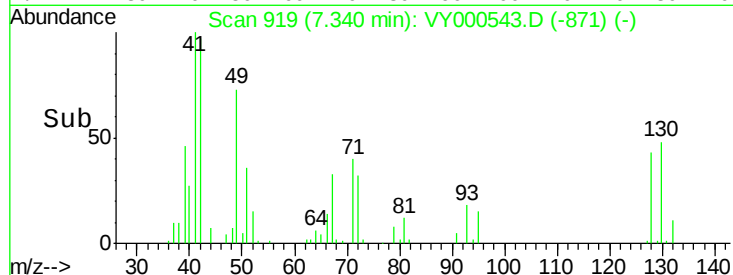
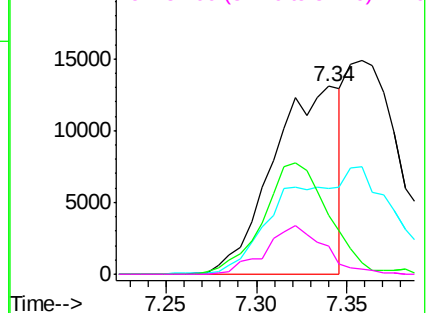
Manual Integrations
APPROVED

MMDadoda

11/8/2019 10:39:12 AM



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.906 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

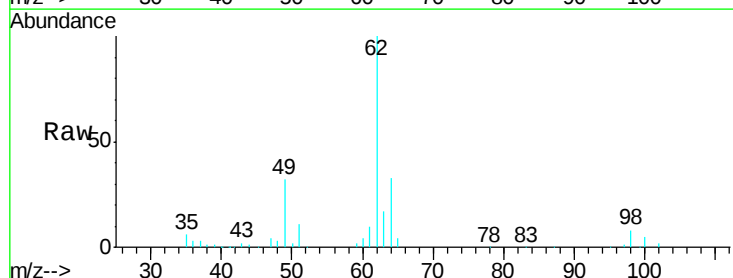
Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

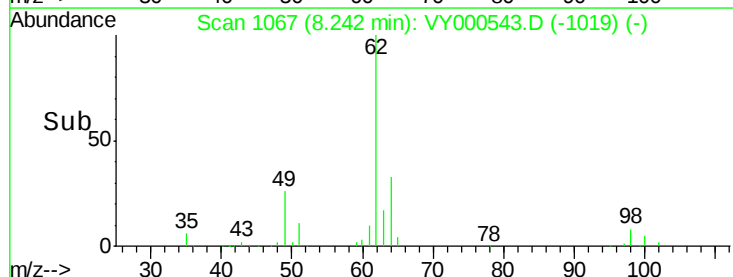
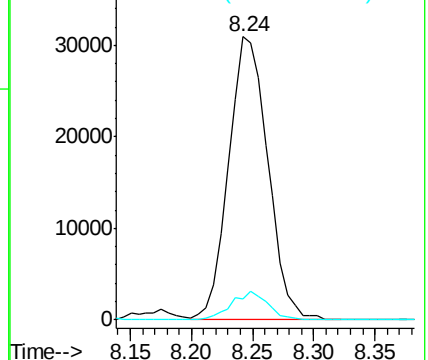
Tgt Ion: 62 Resp: 68679
Ion Ratio Lower Upper

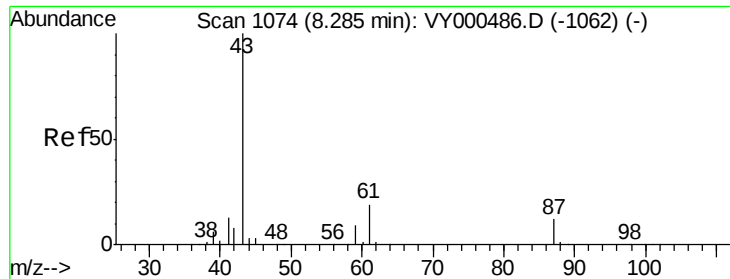
62 100

98 9.3 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





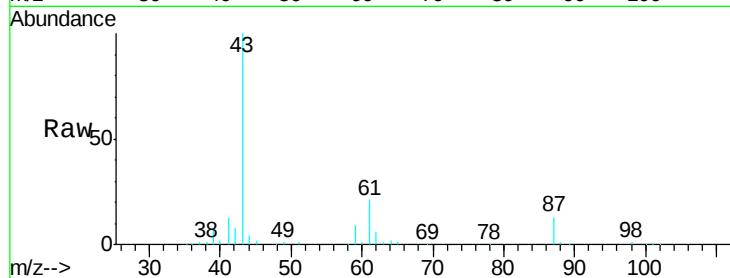
#43
Isopropyl Acetate
Concen: 20.757 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

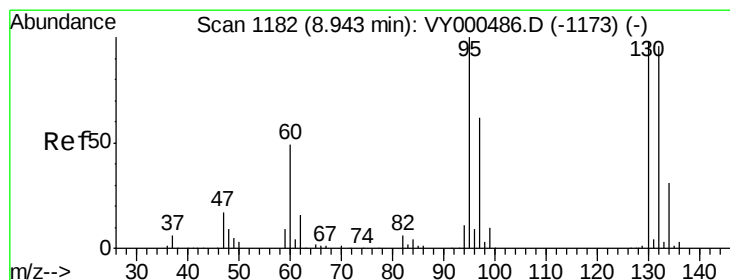
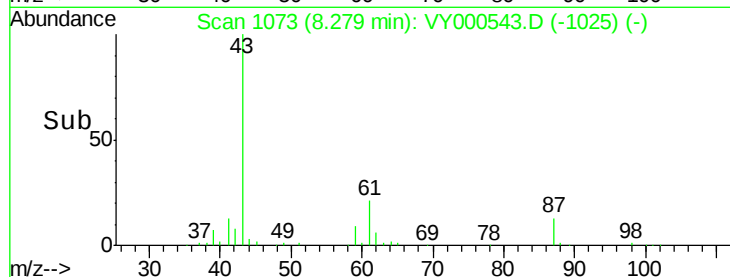
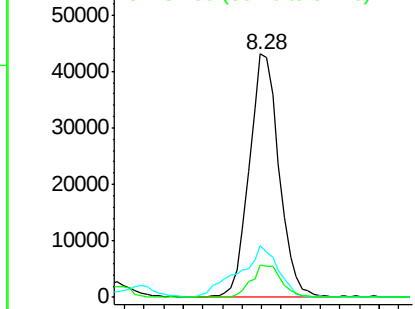
Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.4	23.0	34.4
87	13.3	10.5	15.7

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:12 AM

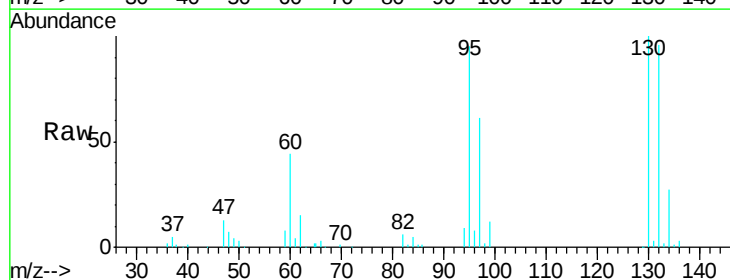


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

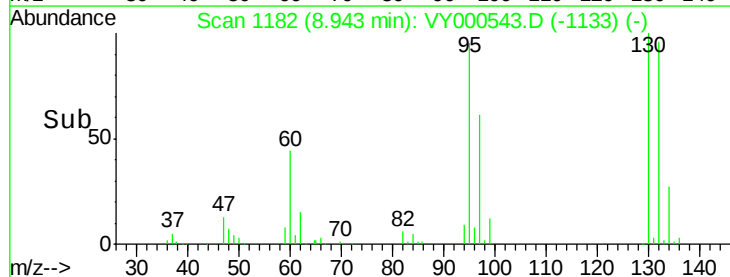
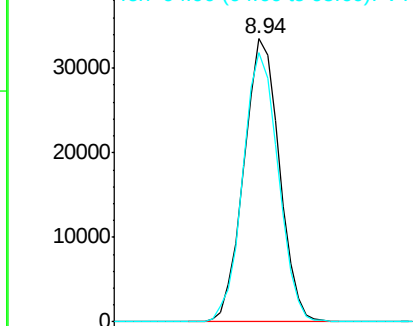


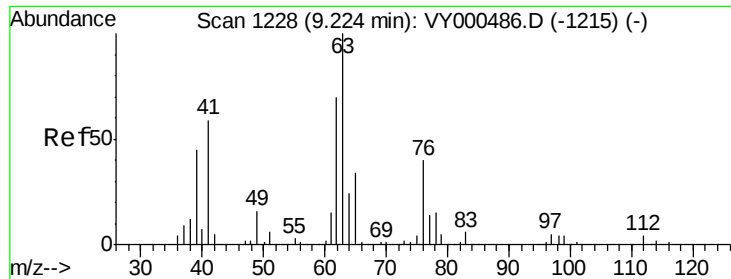
#44
Trichloroethene
Concen: 20.855 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	203.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





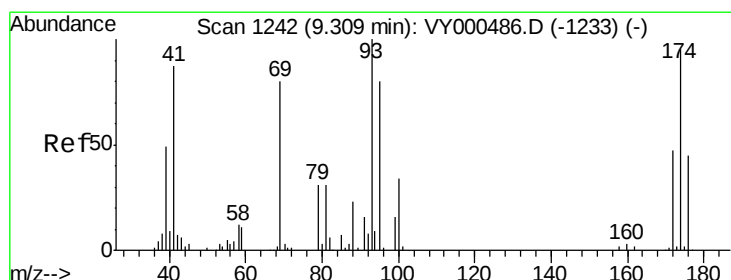
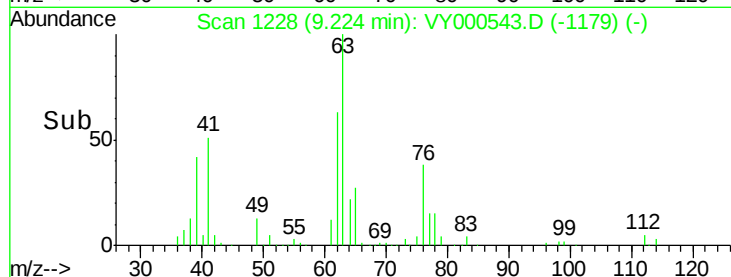
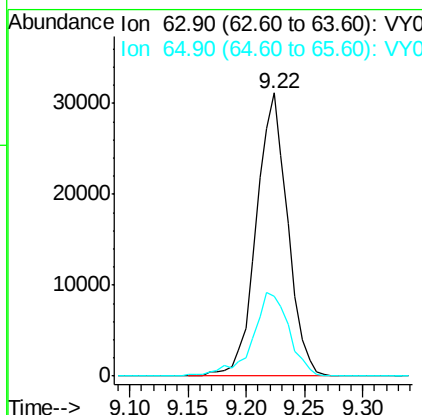
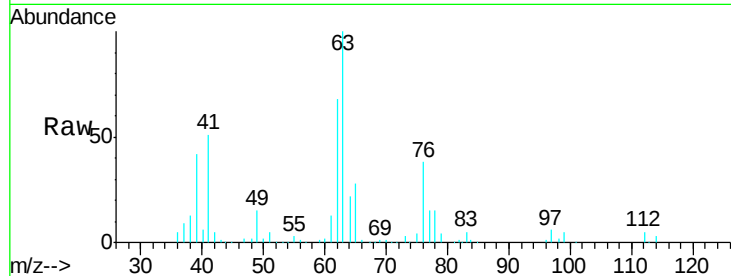
#45
 1,2-Dichloropropane
 Concen: 20.545 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion: 63 Resp: 58569
 Ion Ratio Lower Upper
 63 100
 65 28.2 27.0 40.4

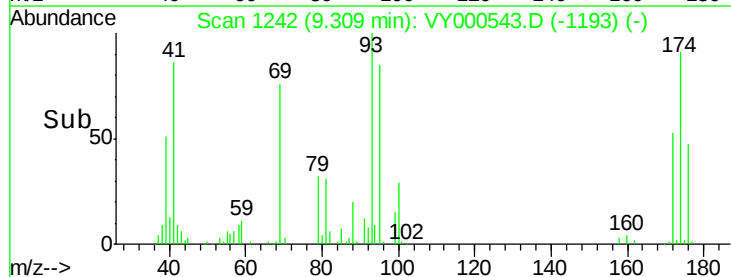
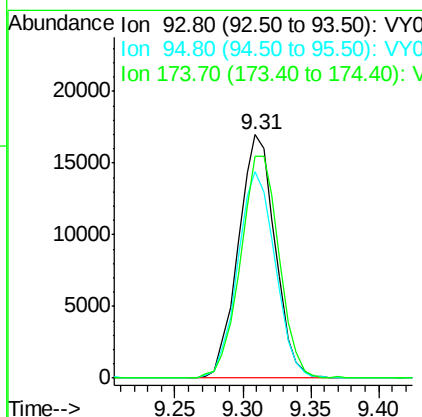
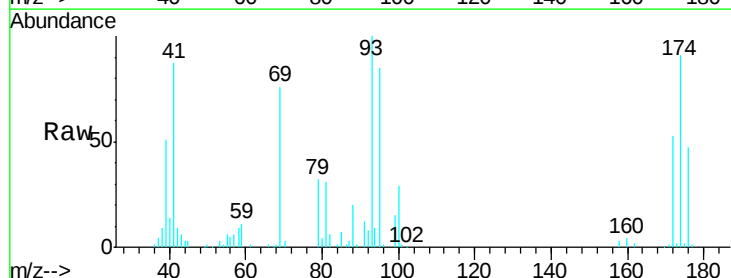
Manual Integrations
 APPROVED

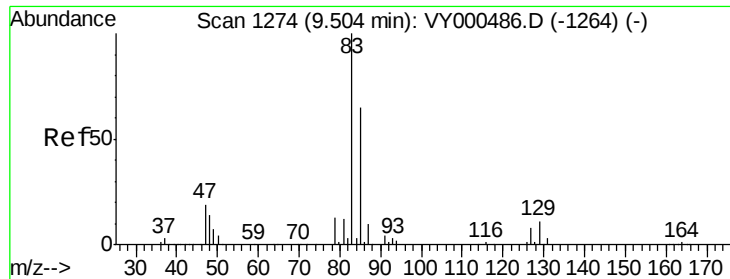
MMDadoda
 11/8/2019 10:39:12 AM



#46
 Dibromomethane
 Concen: 20.434 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion: 93 Resp: 32036
 Ion Ratio Lower Upper
 93 100
 95 86.1 66.4 99.6
 174 95.9 77.1 115.7





#47

Bromodichloromethane

Concen: 20.594 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

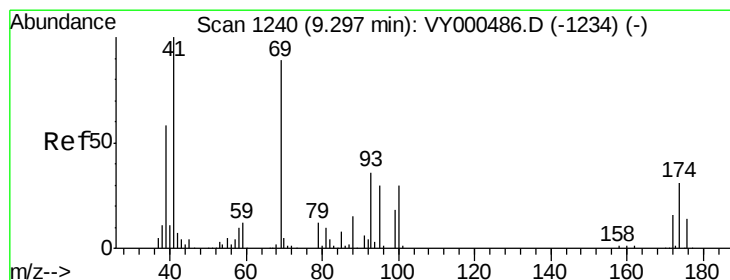
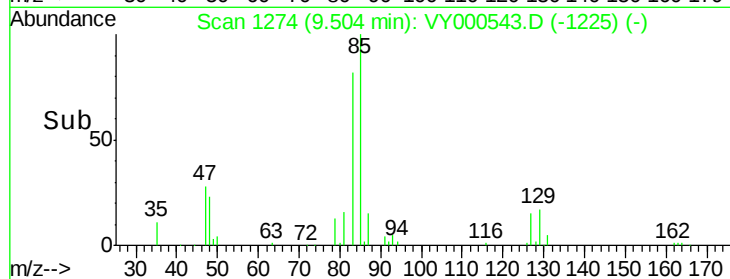
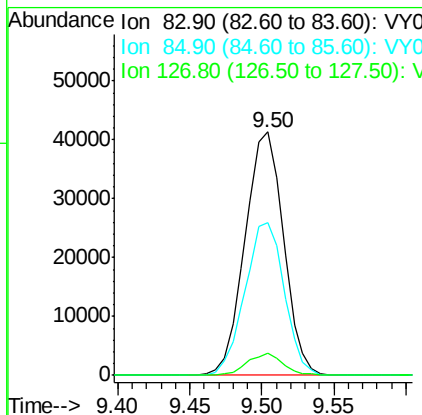
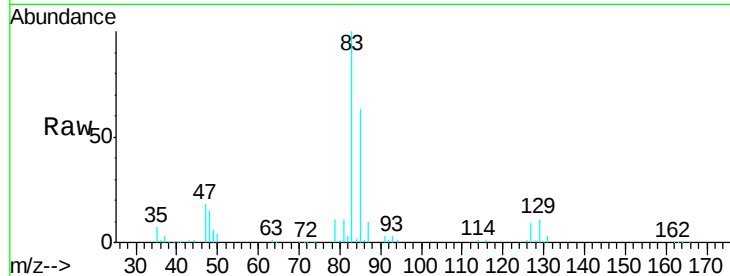
ClientSampleId :

VY1106SBS01

Tgt Ion:	83	Resp:	76612
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.8	77.8
127	9.2	6.7	10.1

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:12 AM



#48

Methyl methacrylate

Concen: 20.839 ug/l

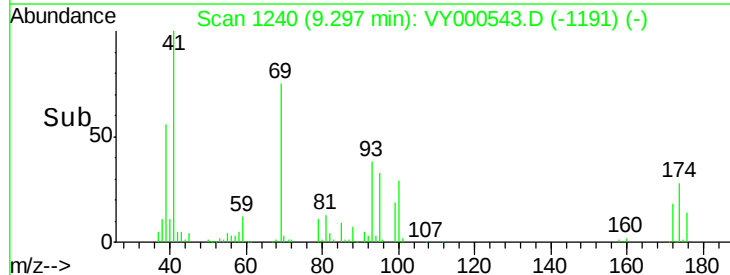
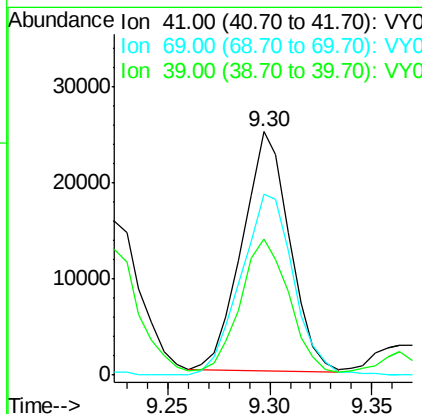
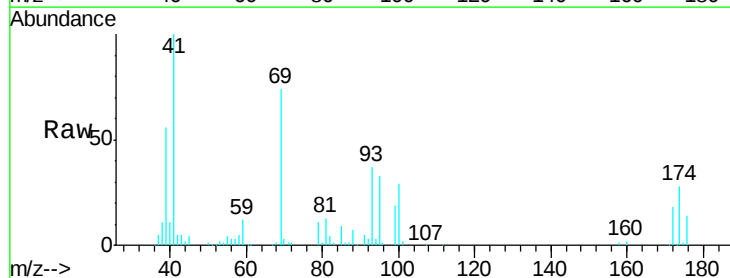
RT: 9.30 min Scan# 1240

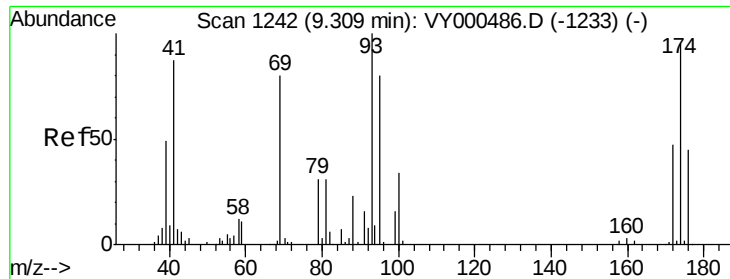
Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion:	41	Resp:	40119
Ion	Ratio	Lower	Upper
41	100		
69	84.5	72.5	108.7
39	59.8	47.8	71.8





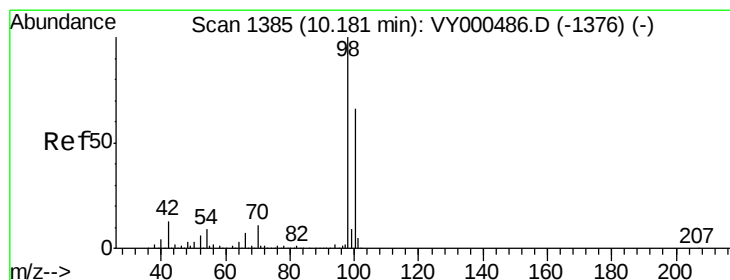
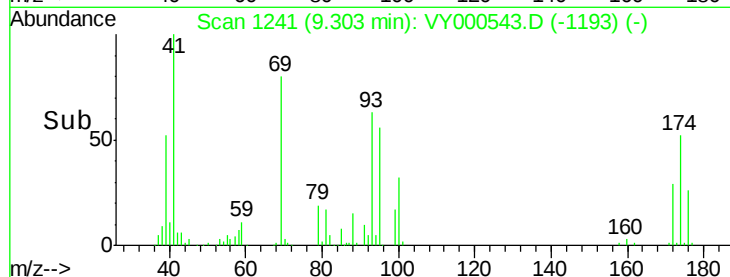
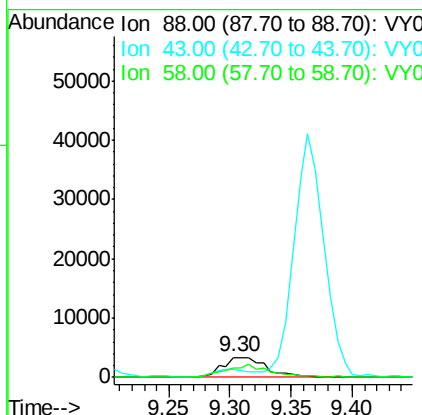
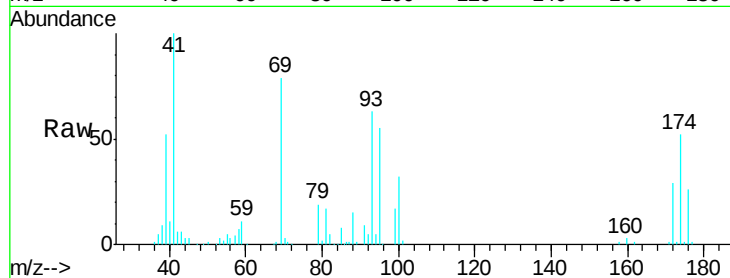
#49
1,4-Dioxane
Concen: 406.013 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.9	25.1	37.7
58	66.6	50.6	75.8

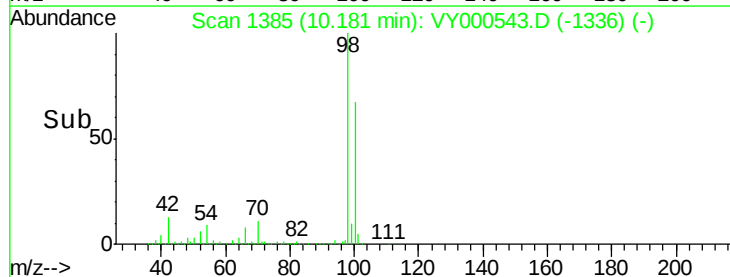
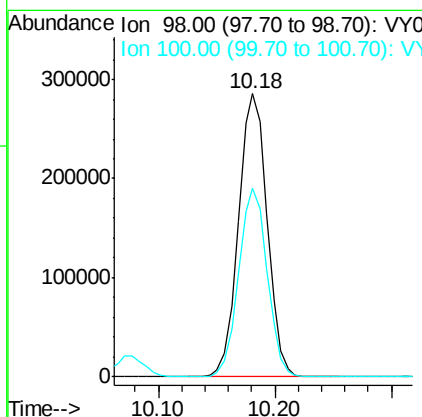
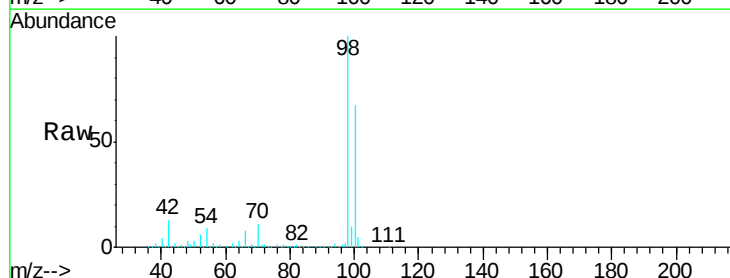
Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:12 AM



#50
Toluene-d8
Concen: 52.624 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3





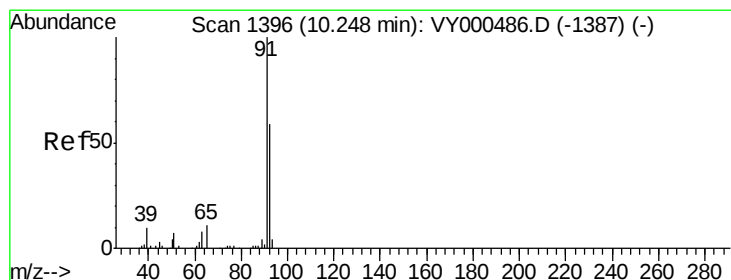
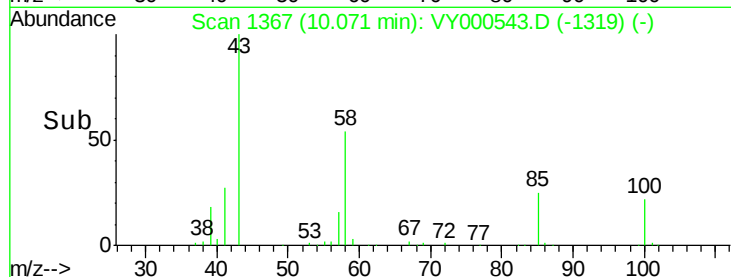
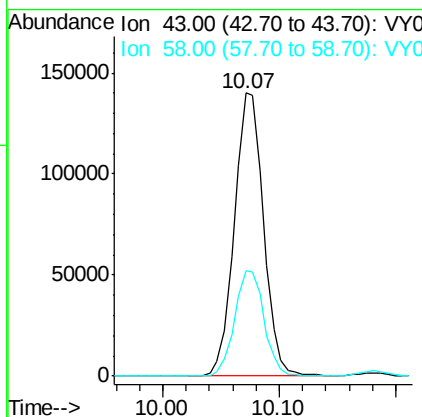
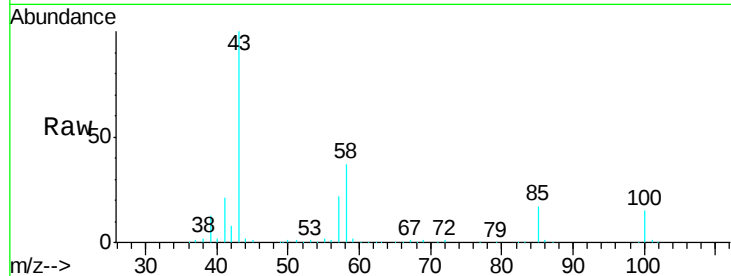
#51
4-Methyl-2-Pentanone
Concen: 104.586 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 43 Resp: 245013
Ion Ratio Lower Upper
43 100
58 37.5 30.2 45.4

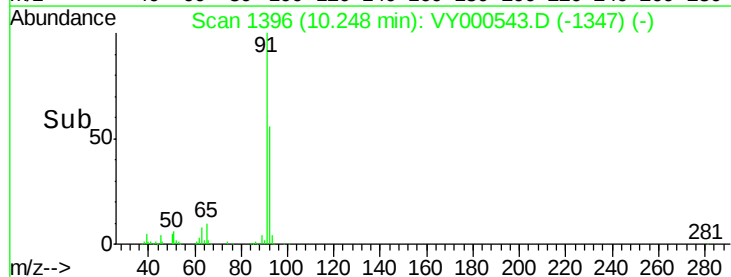
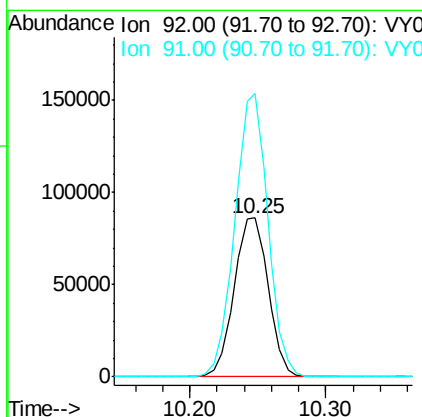
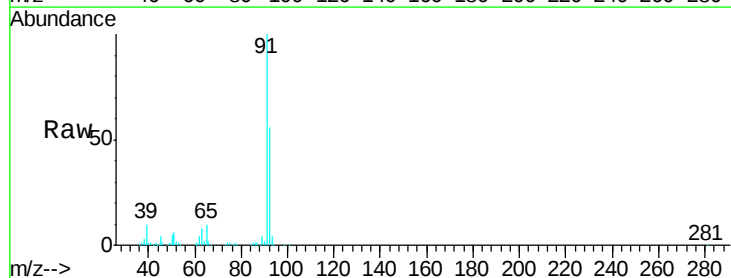
Manual Integrations
APPROVED

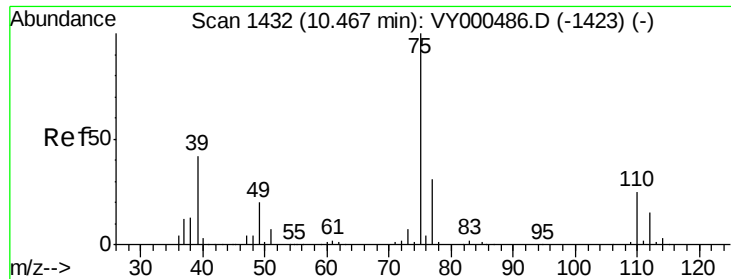
MMDadoda
11/8/2019 10:39:12 AM



#52
Toluene
Concen: 20.567 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 92 Resp: 150615
Ion Ratio Lower Upper
92 100
91 172.6 136.3 204.5





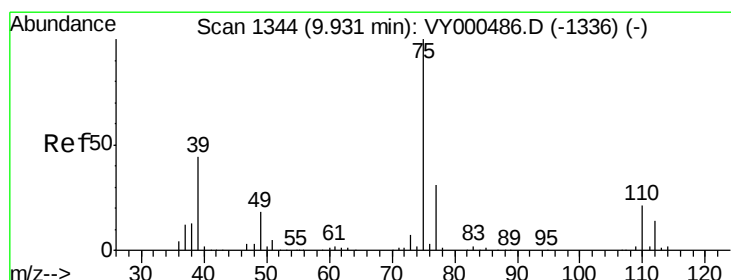
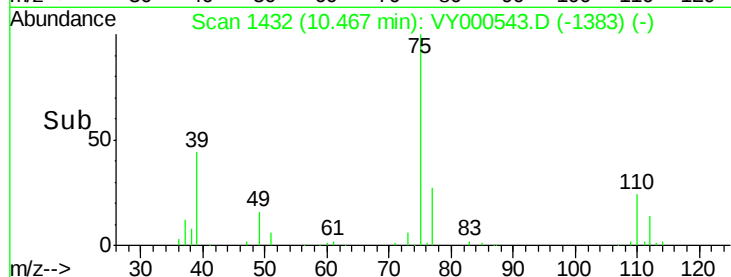
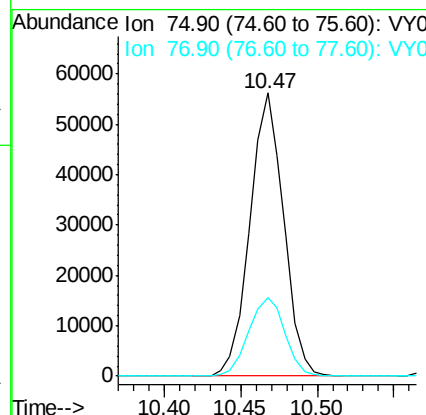
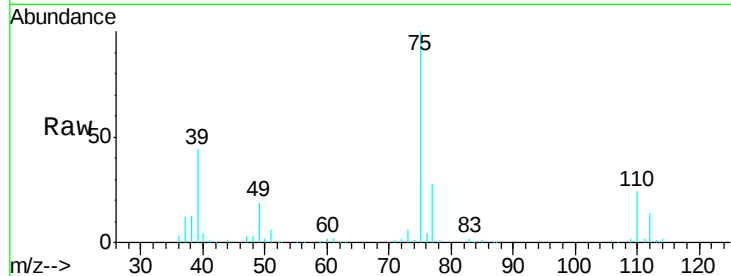
#53
 t-1,3-Dichloropropene
 Concen: 21.688 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion: 75 Resp: 86207
 Ion Ratio Lower Upper
 75 100
 77 27.5 24.6 37.0

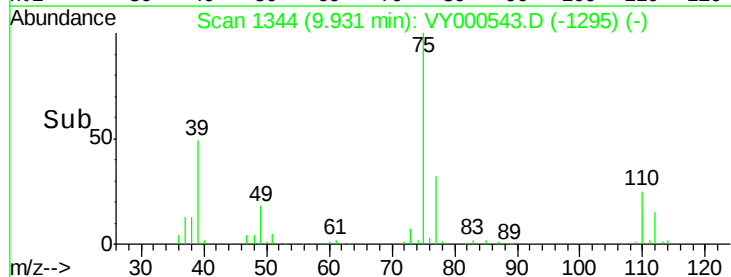
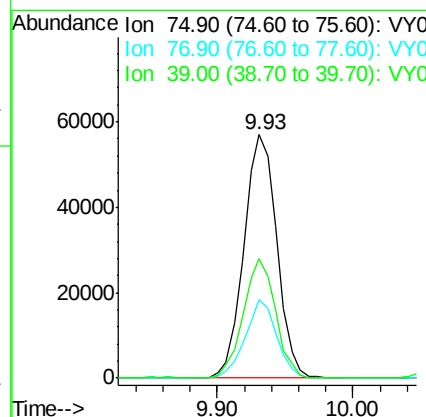
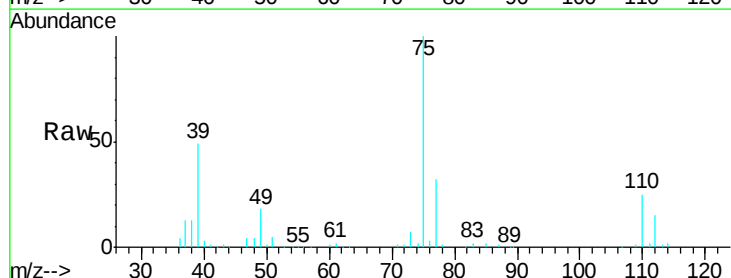
Manual Integrations
 APPROVED

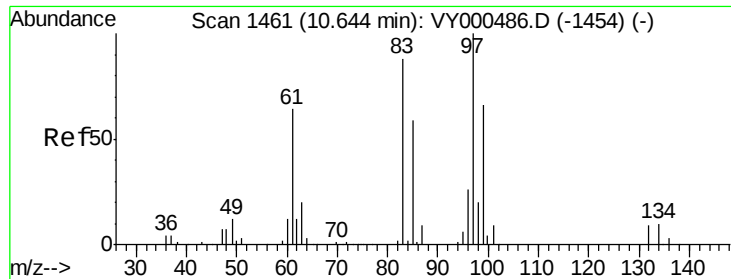
MMDadoda
 11/8/2019 10:39:12 AM



#54
 cis-1,3-Dichloropropene
 Concen: 21.206 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion: 75 Resp: 96565
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.5 36.7
 39 48.7 35.4 53.2





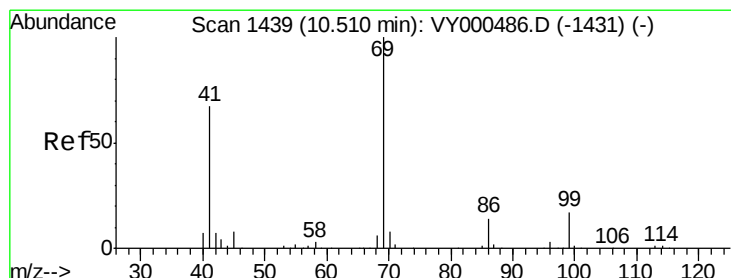
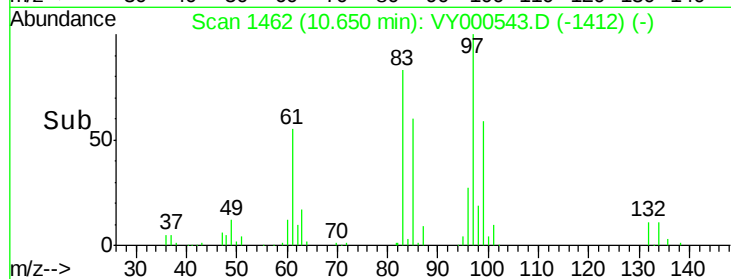
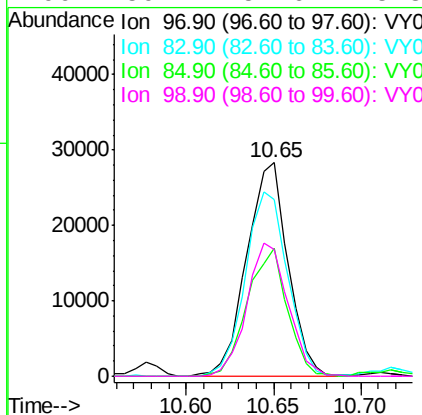
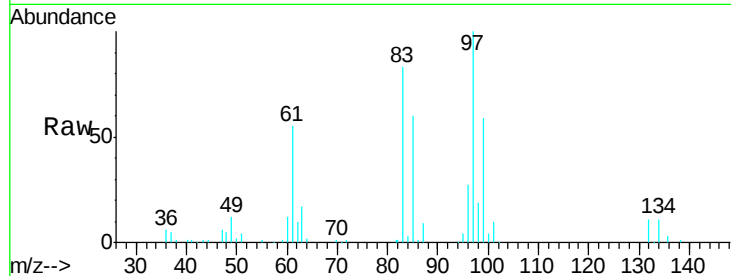
#55
 1,1,2-Trichloroethane
 Concen: 20.579 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion:	97	Resp:	46665
Ion	Ratio	Lower	Upper
97	100		
83	82.9	70.2	105.4
85	60.2	46.9	70.3
99	59.2	52.6	78.8

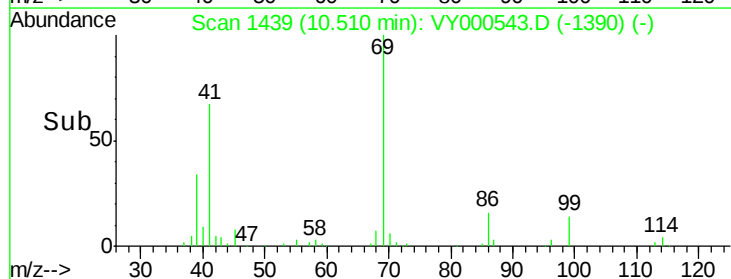
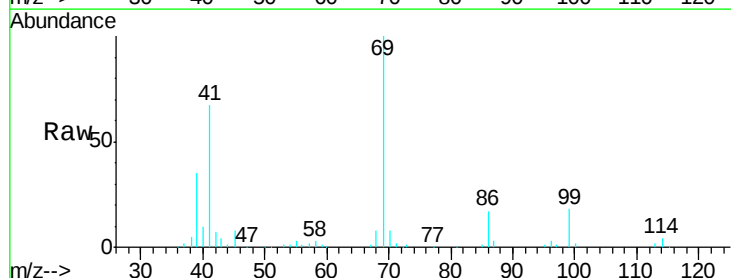
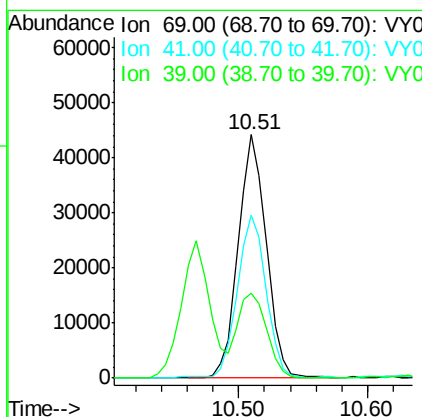
Manual Integrations
 APPROVED

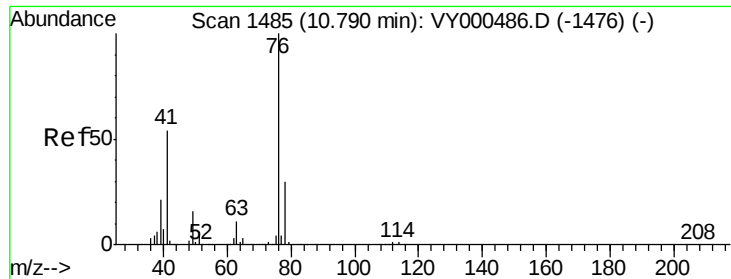
MMDadoda
 11/8/2019 10:39:12 AM



#56
 Ethyl methacrylate
 Concen: 20.775 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion:	69	Resp:	66771
Ion	Ratio	Lower	Upper
69	100		
41	69.1	53.3	79.9
39	35.7	28.0	42.0





#57

1,3-Dichloropropane

Concen: 20.547 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 76 Resp: 81548

Ion Ratio Lower Upper

76 100

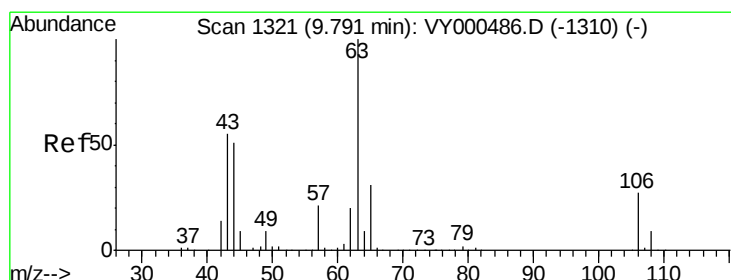
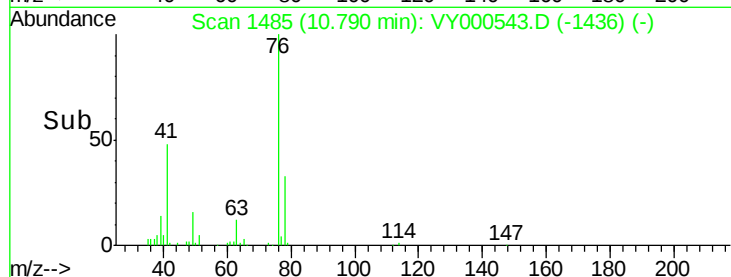
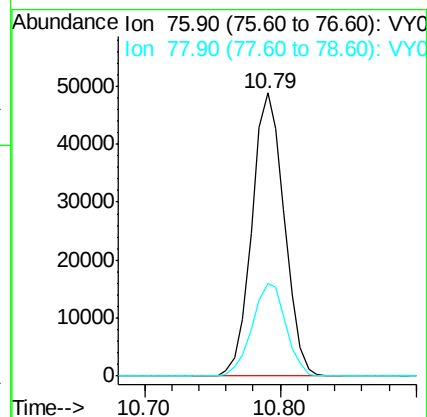
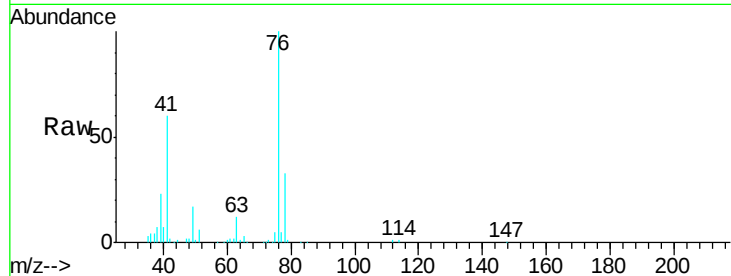
78 34.1 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

11/8/2019 10:39:12 AM



#58

2-Chloroethyl Vinyl ether

Concen: 97.316 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000543.D

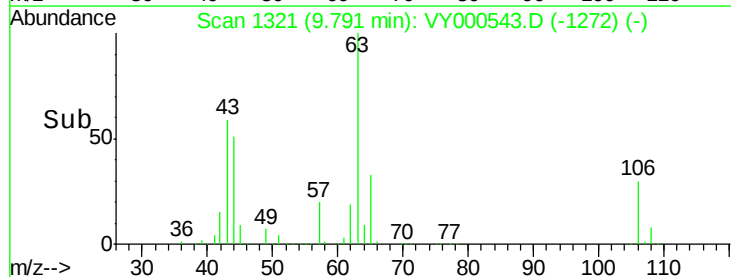
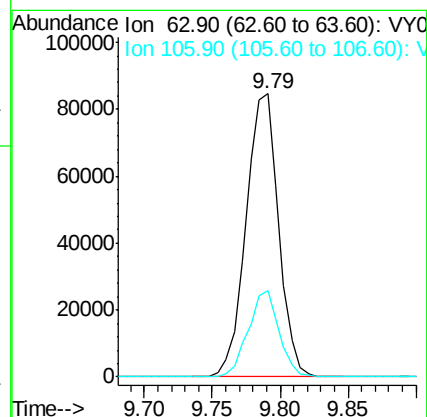
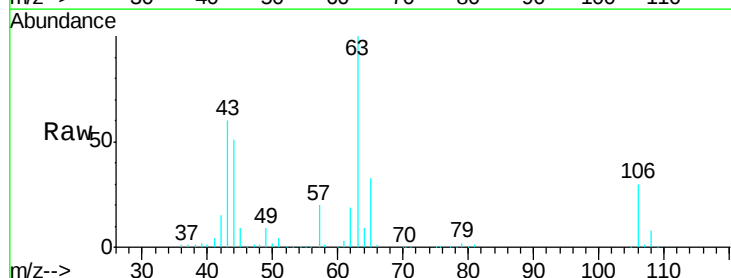
Acq: 06 Nov 2019 12:12

Tgt Ion: 63 Resp: 141402

Ion Ratio Lower Upper

63 100

106 29.1 22.6 33.8





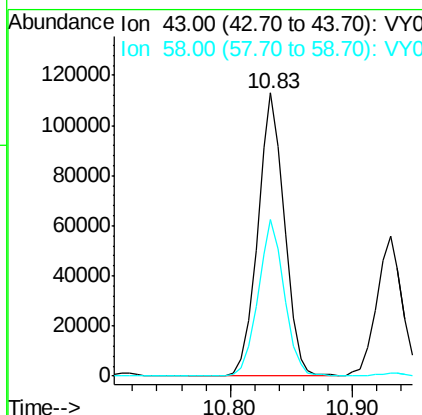
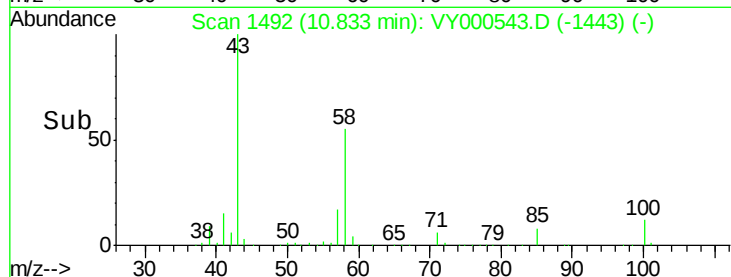
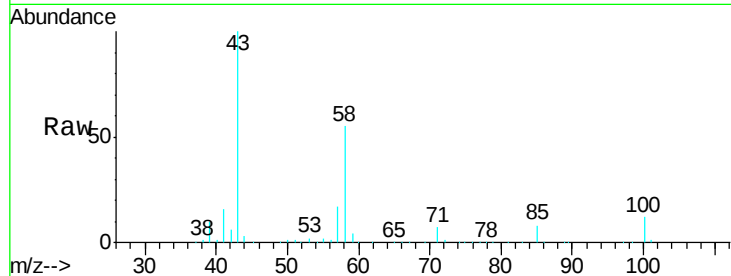
#59
2-Hexanone
Concen: 100.469 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 43 Resp: 171487
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3

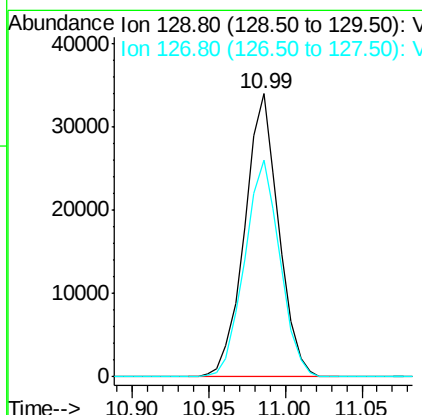
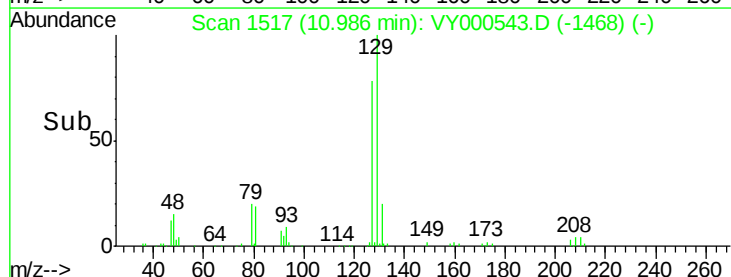
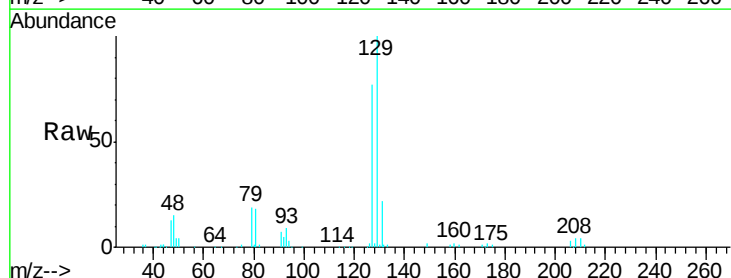
Manual Integrations
APPROVED

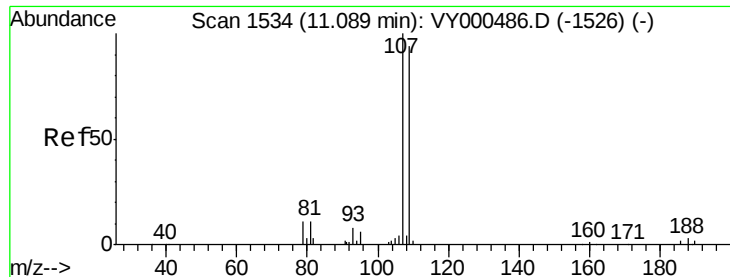
MMDadoda
11/8/2019 10:39:12 AM



#60
Dibromochloromethane
Concen: 20.183 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 129 Resp: 52423
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.2





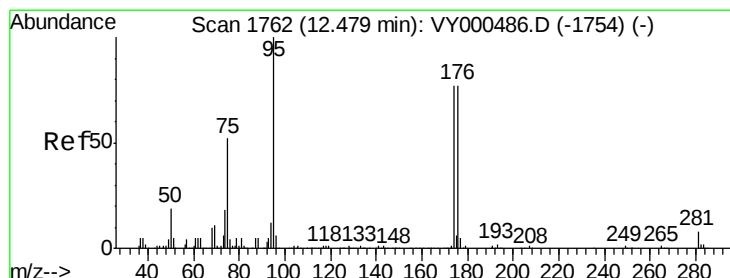
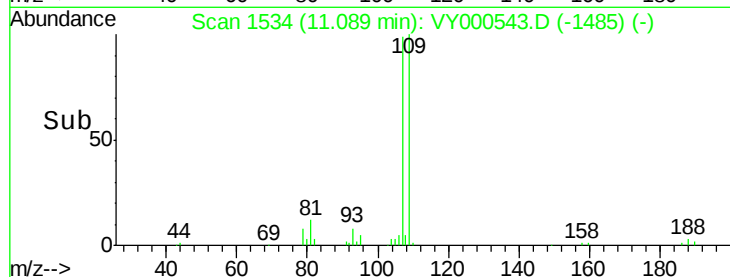
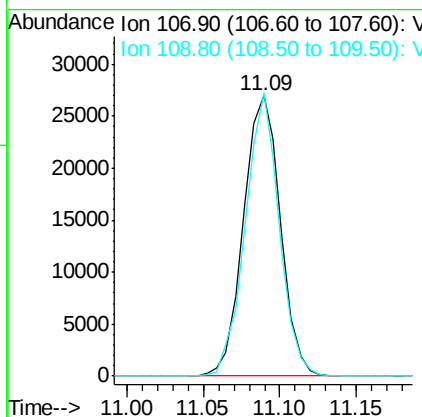
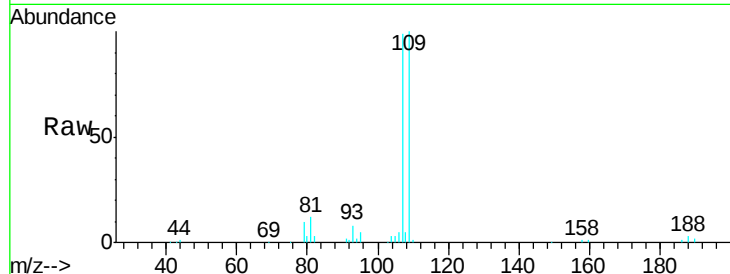
#61
 1,2-Dibromoethane
 Concen: 20.665 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.0	73.6	110.4

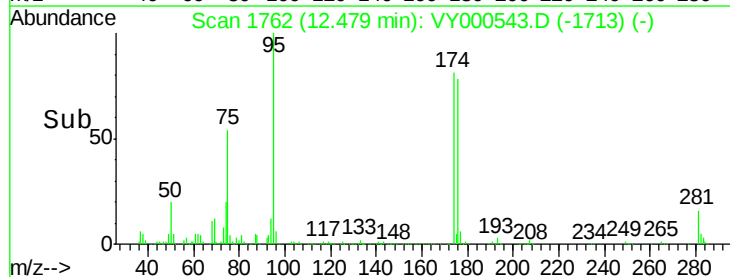
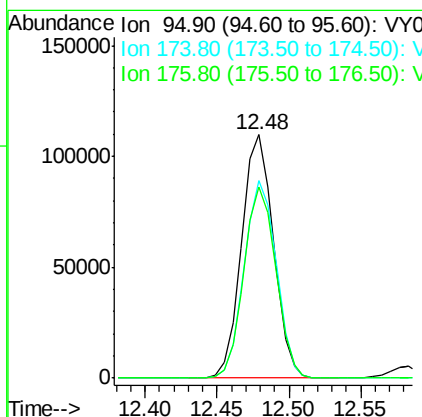
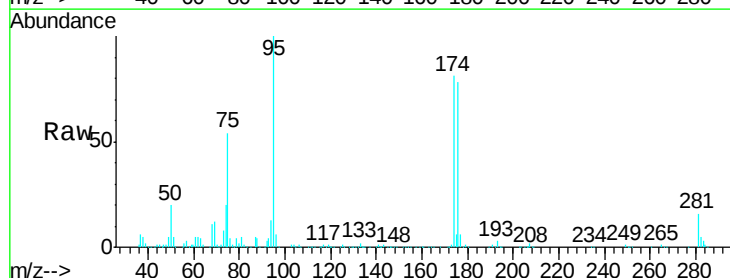
Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 10:39:12 AM



#62
 4-Bromofluorobenzene
 Concen: 47.491 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	161.6
176	78.9	0.0	157.8





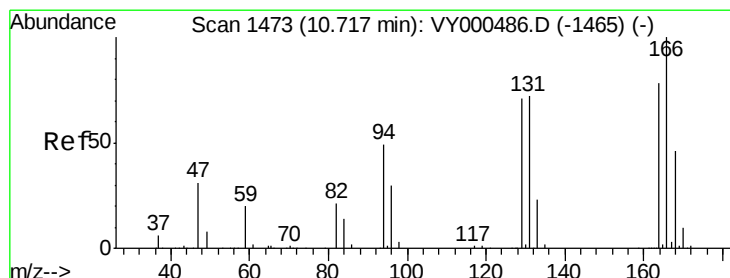
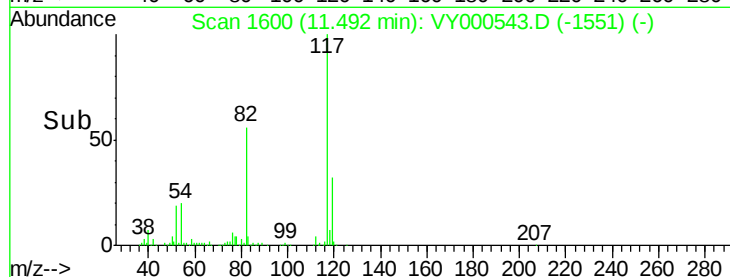
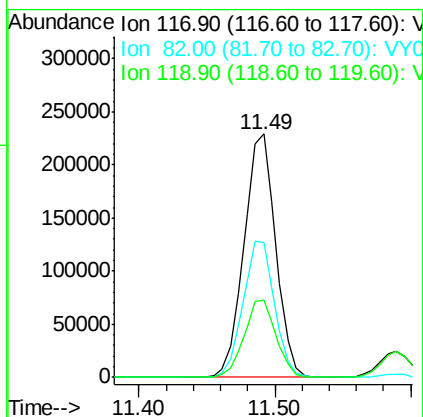
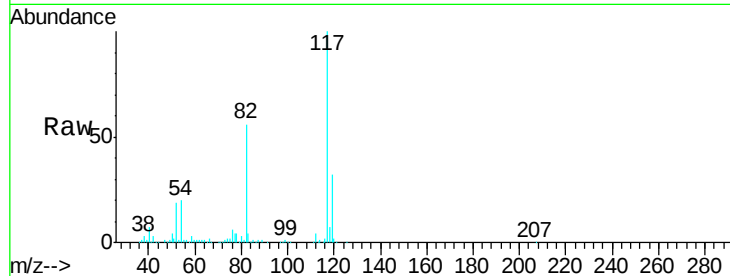
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	40.8	61.2
119	31.7	26.2	39.2

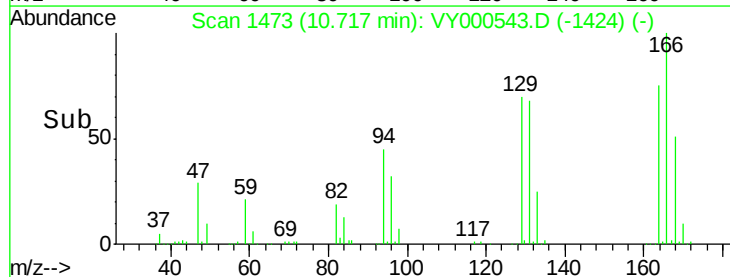
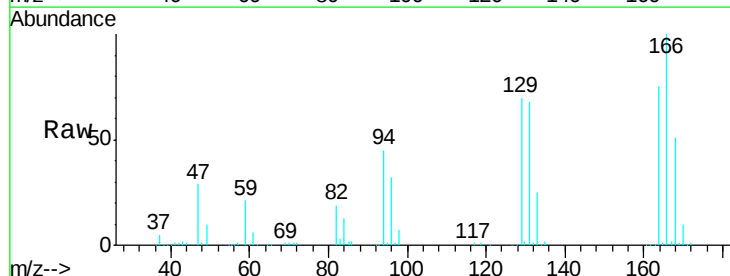
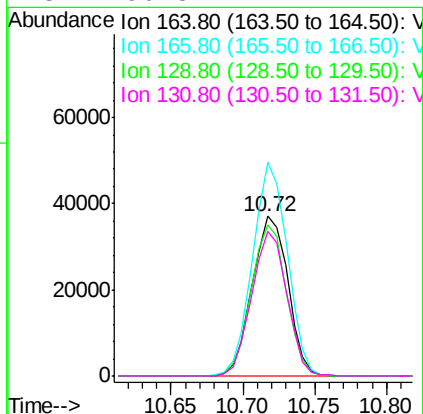
Manual Integrations
APPROVED

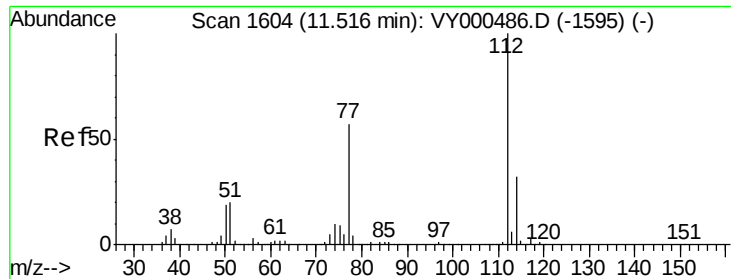
MMDadoda
11/8/2019 10:39:12 AM



#64
Tetrachloroethene
Concen: 20.635 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.7	102.7	154.1
129	94.2	73.2	109.8
131	90.8	74.2	111.2





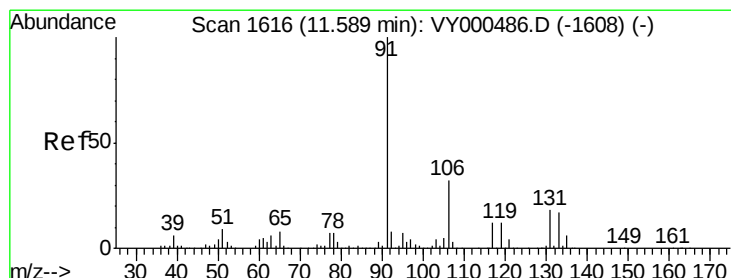
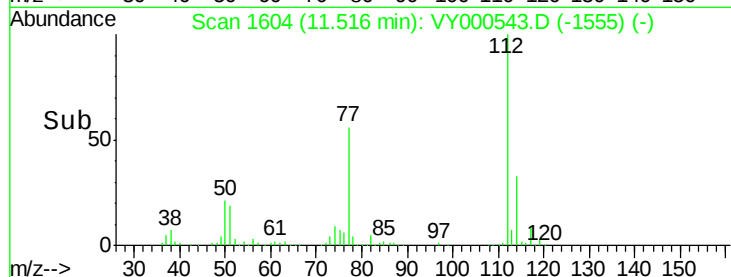
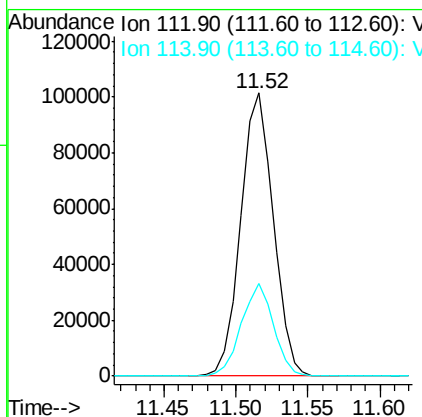
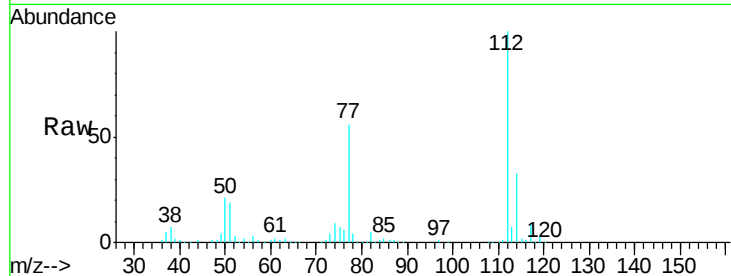
#65
Chlorobenzene
Concen: 21.023 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion:112 Resp: 159017
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9

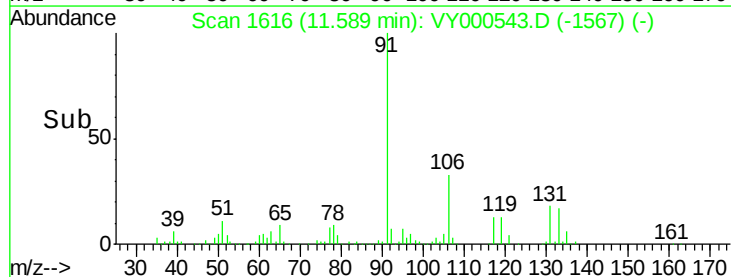
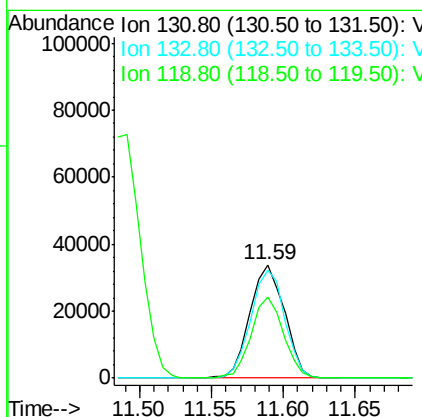
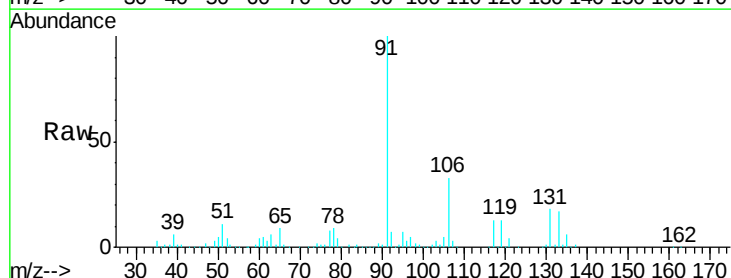
Manual Integrations
APPROVED

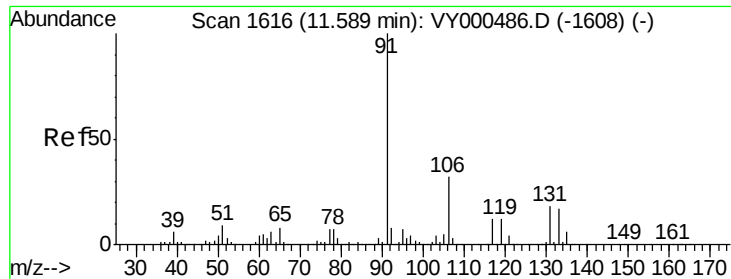
MMDadoda
11/8/2019 10:39:12 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.340 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion:131 Resp: 55980
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.8
119 67.2 33.1 99.3





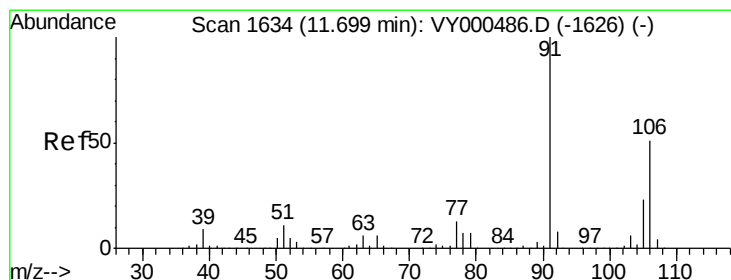
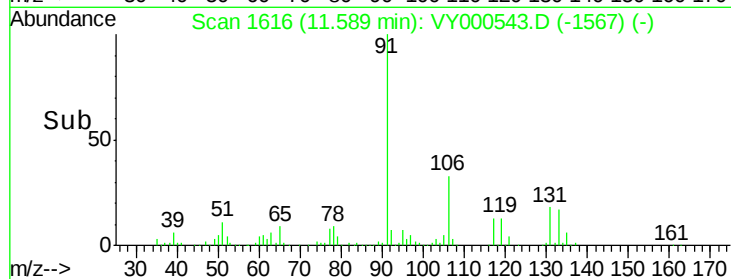
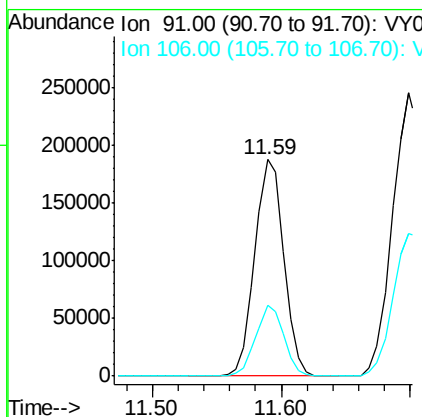
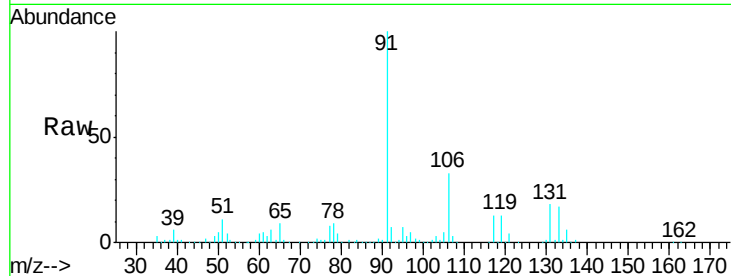
#67
Ethyl Benzene
Concen: 20.904 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 91 Resp: 291000
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.0

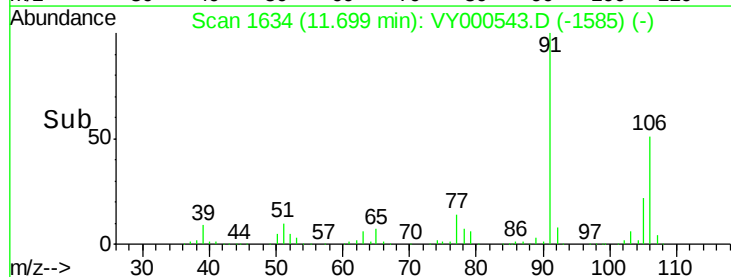
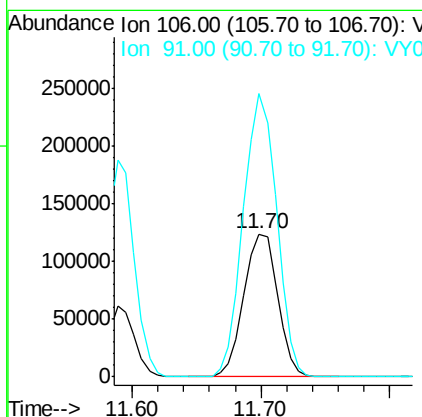
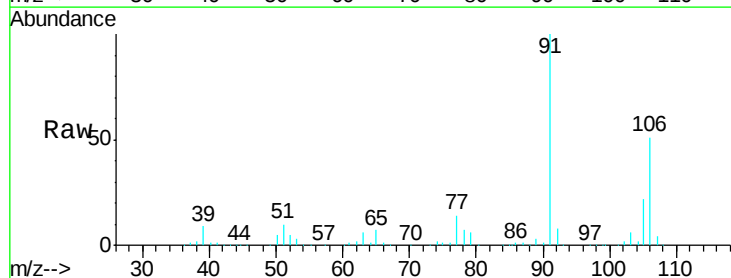
Manual Integrations
APPROVED

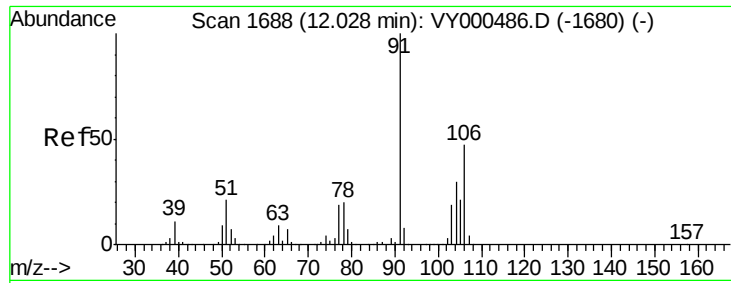
MMDadoda
11/8/2019 10:39:12 AM



#68
m/p-Xylenes
Concen: 41.903 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 106 Resp: 225768
Ion Ratio Lower Upper
106 100
91 195.4 155.9 233.9





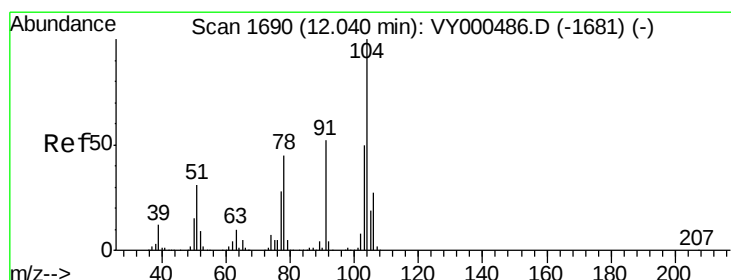
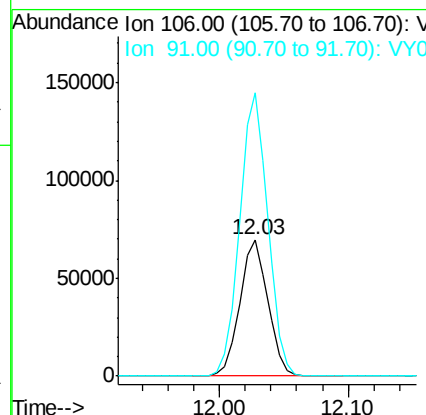
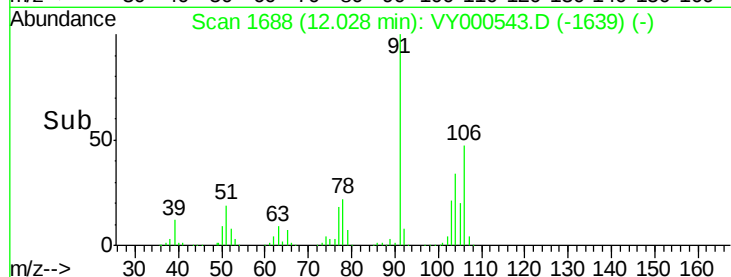
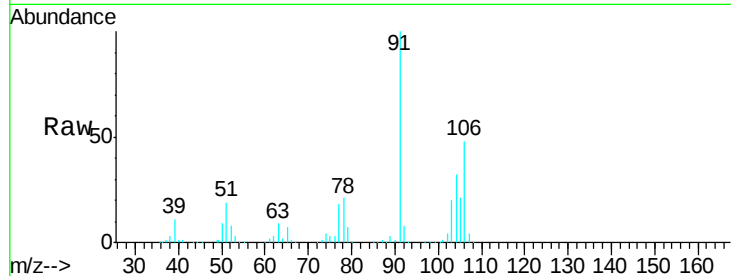
#69
o-Xylene
Concen: 20.807 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion:106 Resp: 105361
Ion Ratio Lower Upper
106 100
91 207.2 106.5 319.6

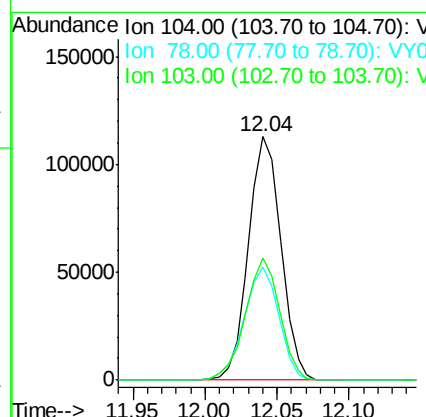
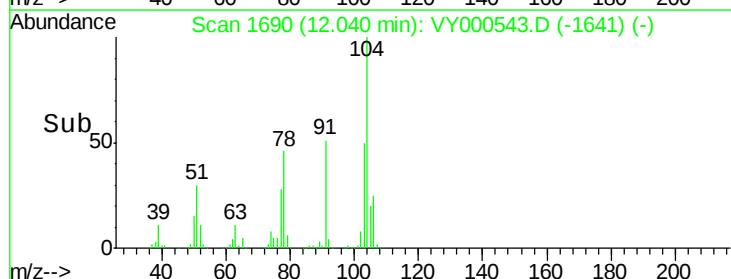
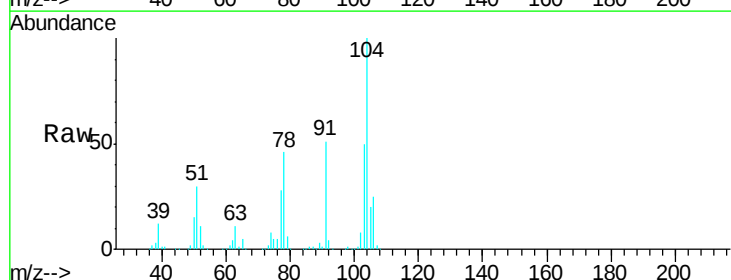
Manual Integrations
APPROVED

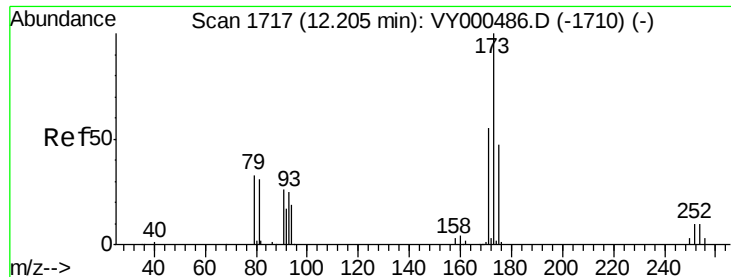
MMDadoda
11/8/2019 10:39:12 AM



#70
Styrene
Concen: 20.340 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion:104 Resp: 176366
Ion Ratio Lower Upper
104 100
78 49.9 39.0 58.4
103 53.1 42.5 63.7





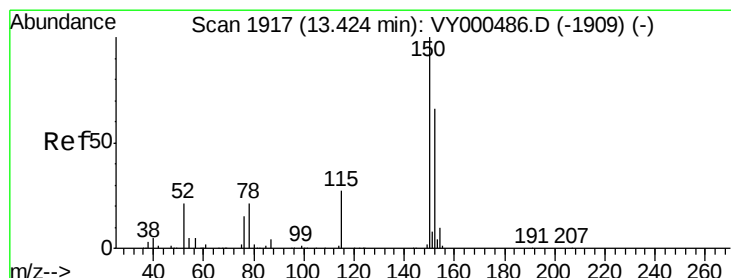
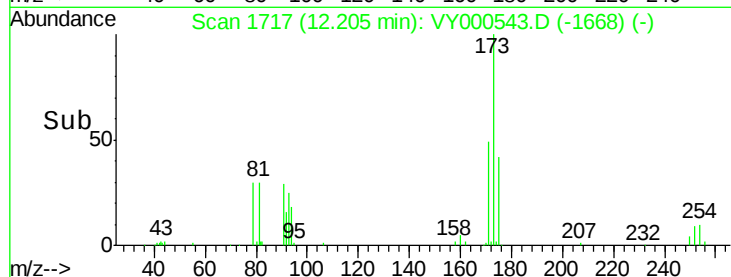
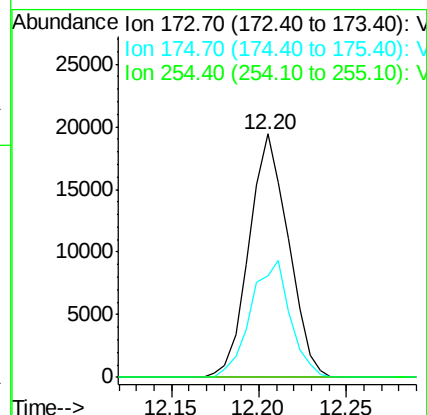
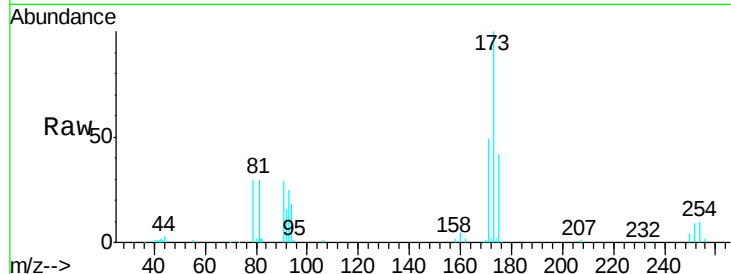
#71
Bromoform
Concen: 20.093 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.4	73.2
254	0.0	0.1	0.1#

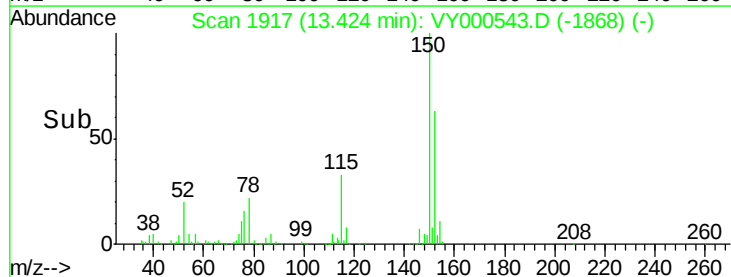
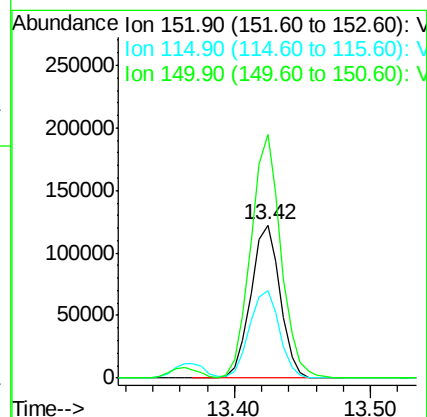
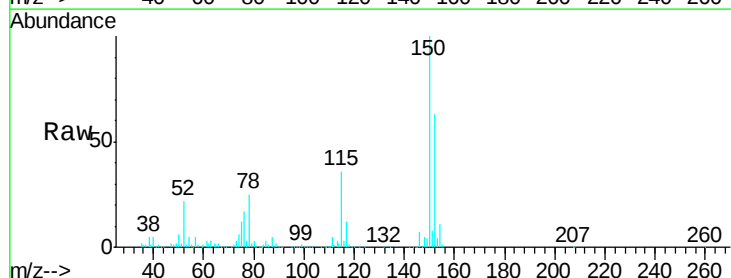
Manual Integrations
APPROVED

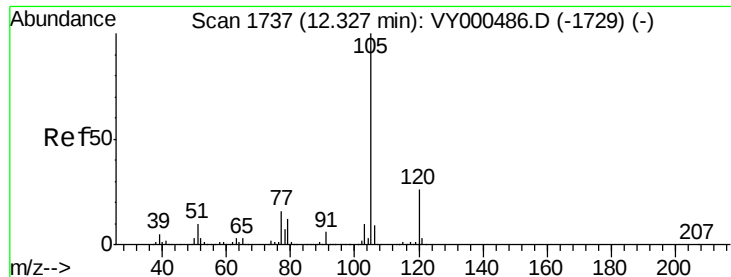
MMDadoda
11/8/2019 10:39:12 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.1	87.4
150	162.9	0.0	348.8





#73

Isopropylbenzene

Concen: 20.530 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 105 Resp: 281276

Ion Ratio Lower Upper

105 100

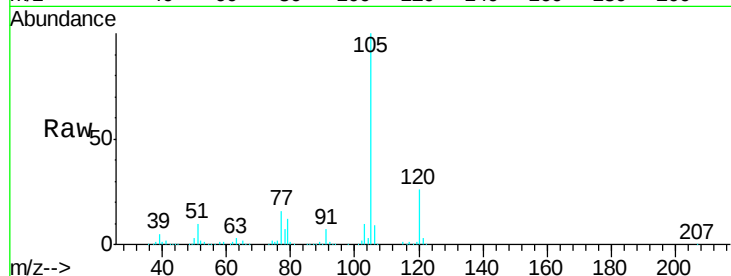
120 26.9 13.5 40.4

Manual Integrations

APPROVED

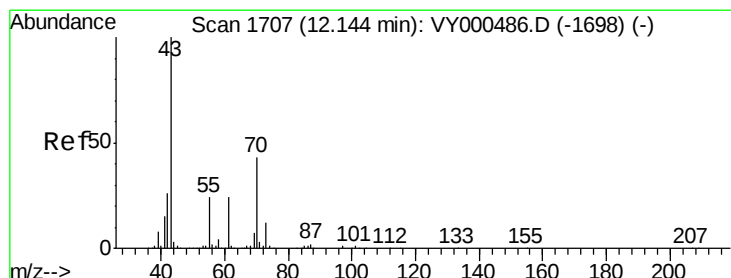
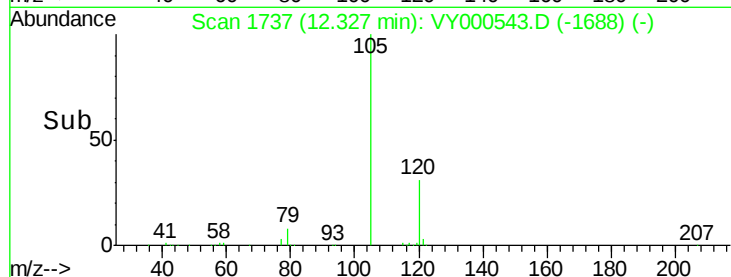
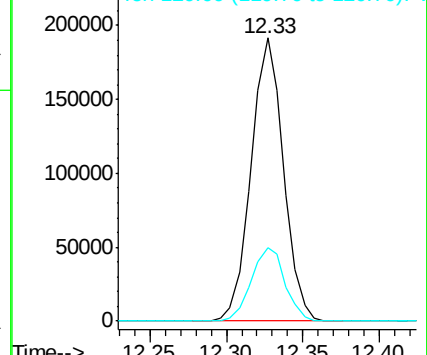
MMDadoda

11/8/2019 10:39:12 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.091 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion: 43 Resp: 82758

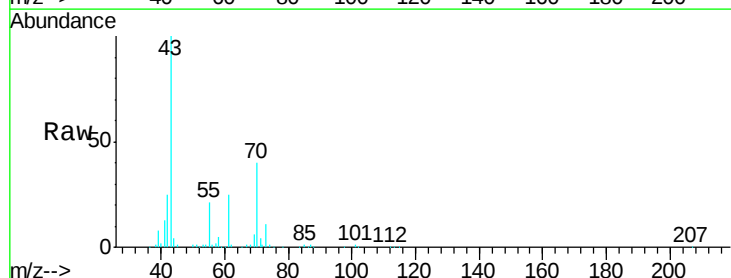
Ion Ratio Lower Upper

43 100

70 41.3 33.1 49.7

55 22.8 18.0 27.0

61 24.5 19.1 28.7

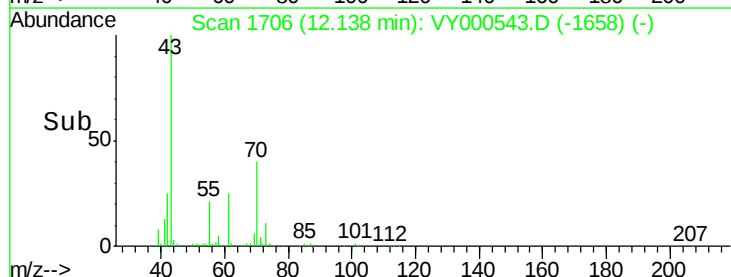
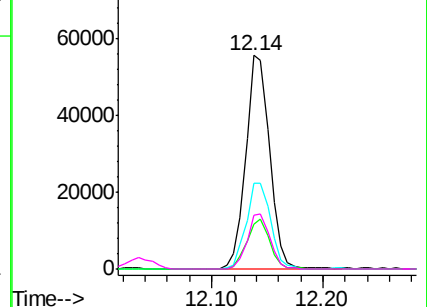


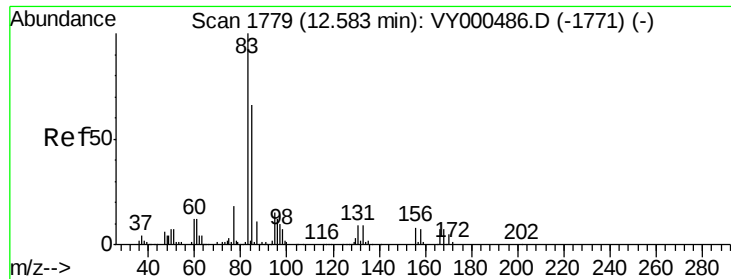
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.349 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

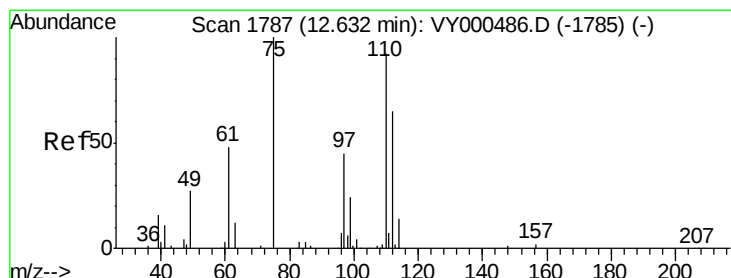
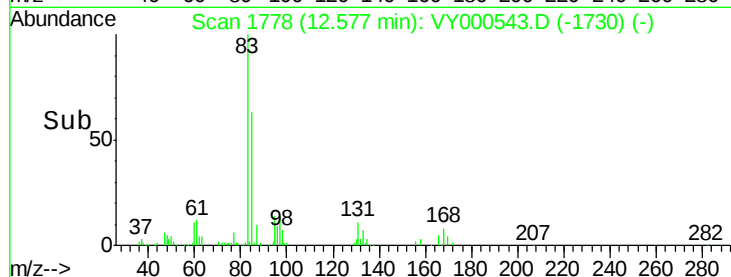
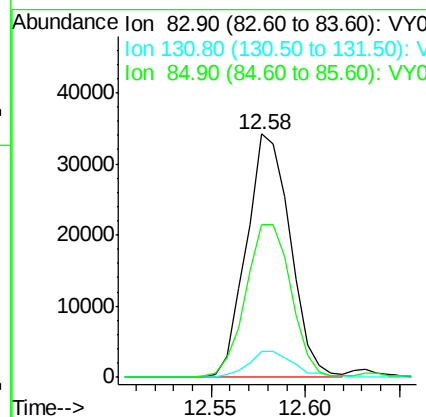
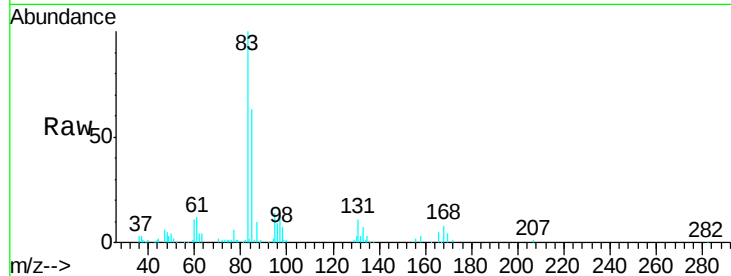
ClientSampleId :

VY1106SBS01

Tgt Ion:	83	Resp:	55202
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.0	14.9
85	65.4	32.3	96.9

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:12 AM



#76

1,2,3-Trichloropropane

Concen: 18.654 ug/l m

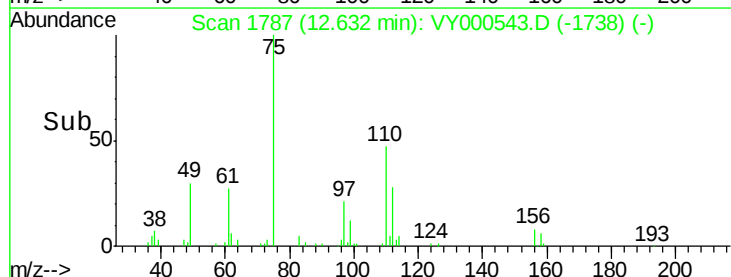
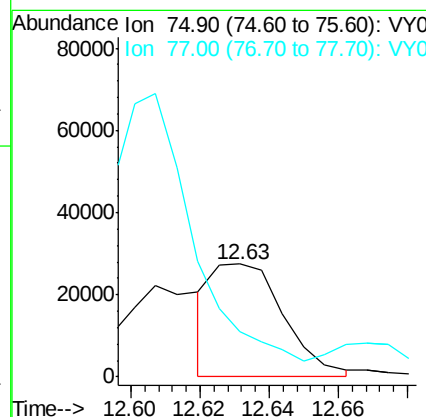
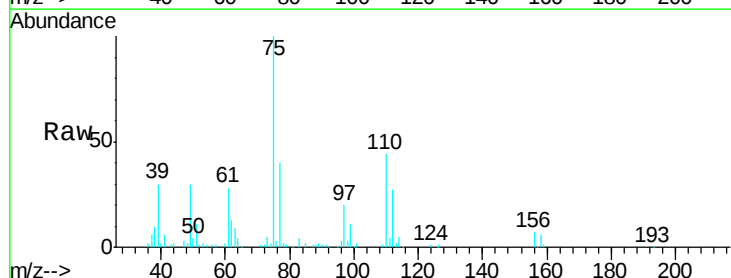
RT: 12.63 min Scan# 1787

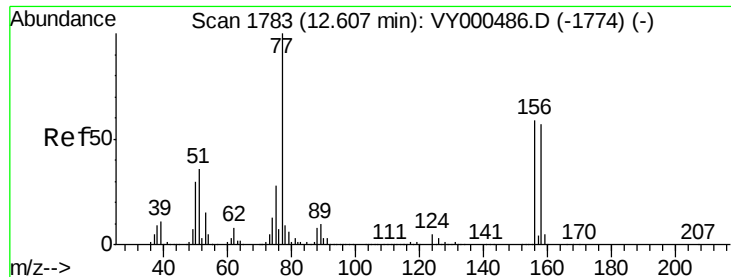
Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion:	75	Resp:	39373
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.046 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion:156 Resp: 62279

Ion Ratio Lower Upper

156 100

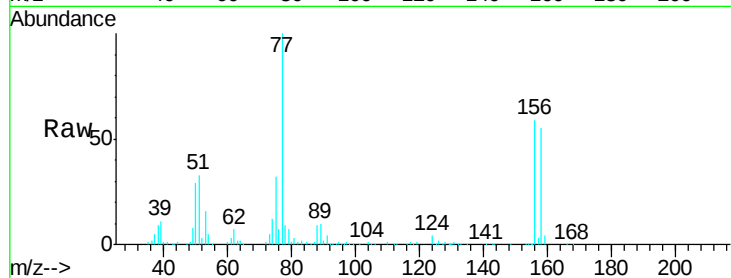
77 201.7 98.2 294.4

158 97.0 49.6 149.0

Manual Integrations
APPROVED

MMDadoda

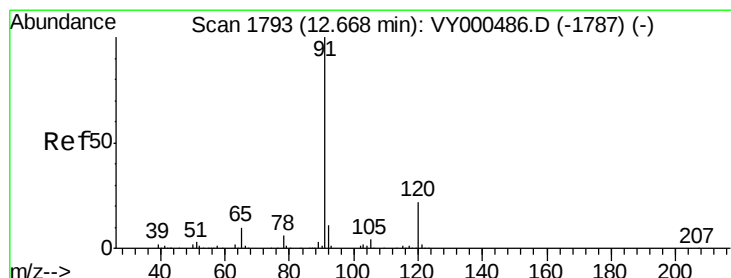
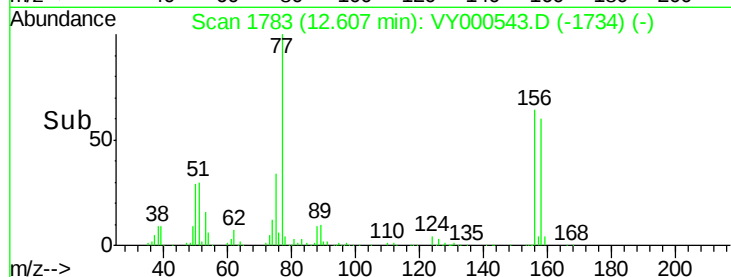
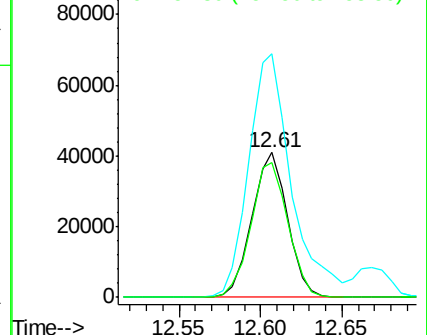
11/8/2019 10:39:12 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.715 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000543.D

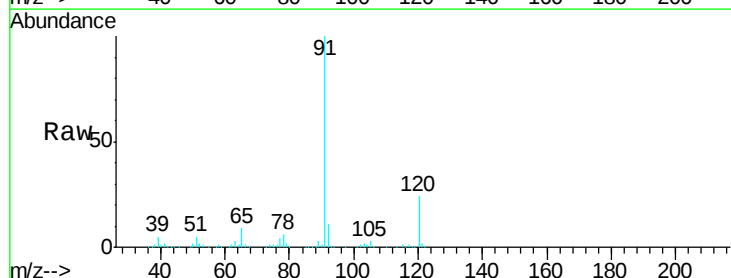
Acq: 06 Nov 2019 12:12

Tgt Ion: 91 Resp: 342440

Ion Ratio Lower Upper

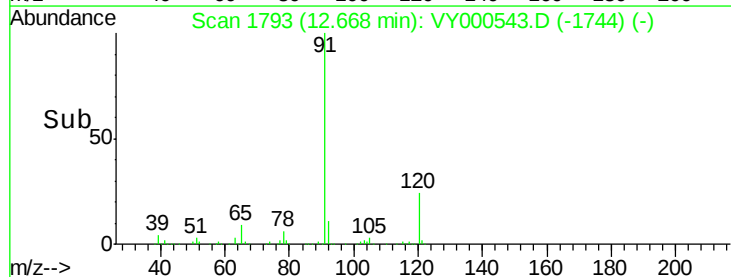
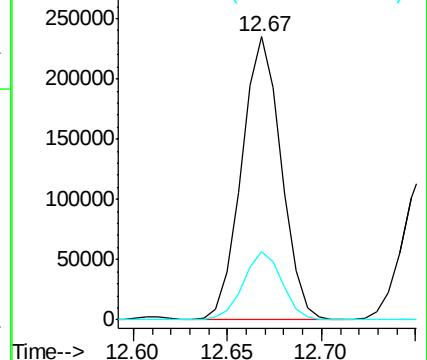
91 100

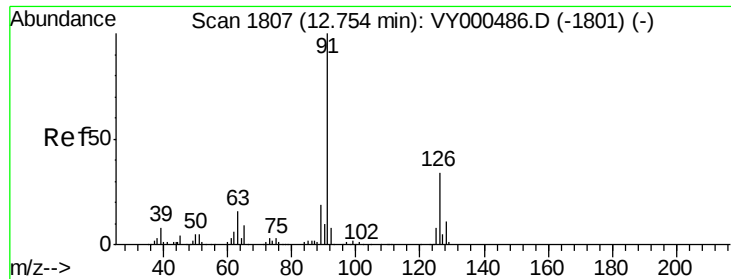
120 23.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.338 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 91 Resp: 186647

Ion Ratio Lower Upper

91 100

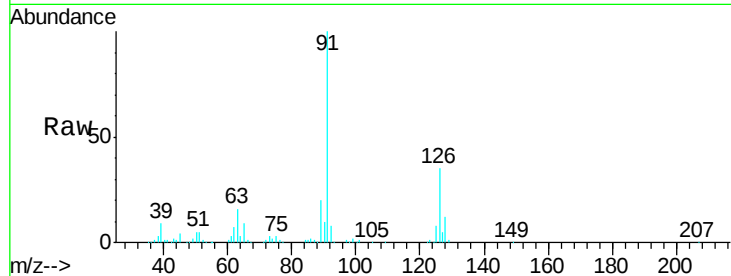
126 34.7 17.7 53.1

Manual Integrations

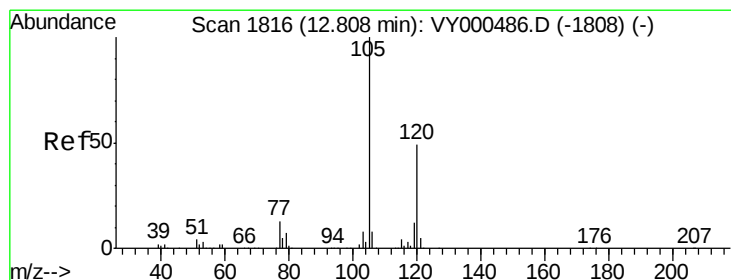
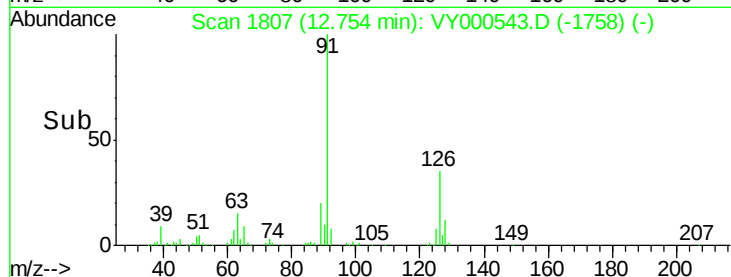
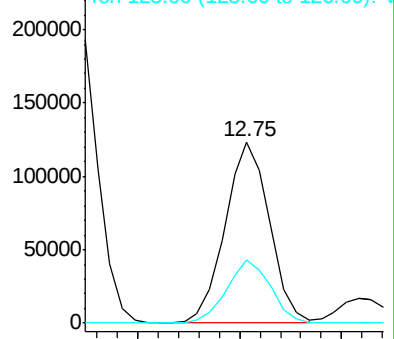
APPROVED

MMDadoda

11/8/2019 10:39:12 AM



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.836 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000543.D

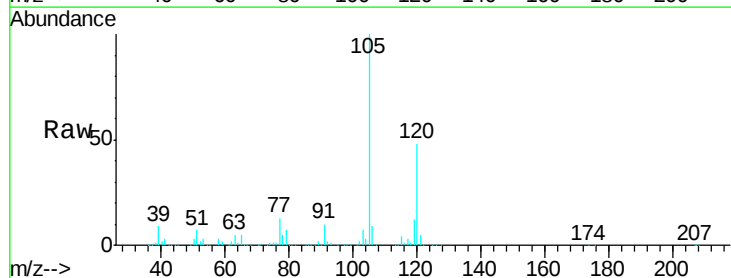
Acq: 06 Nov 2019 12:12

Tgt Ion: 105 Resp: 237752

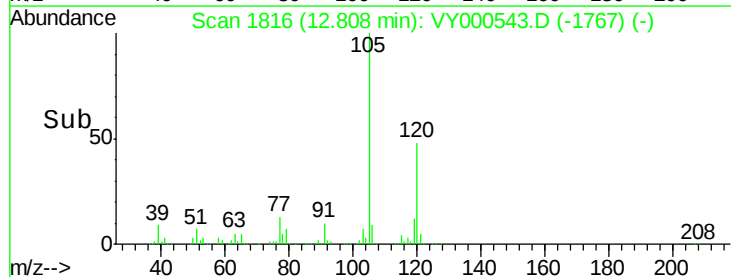
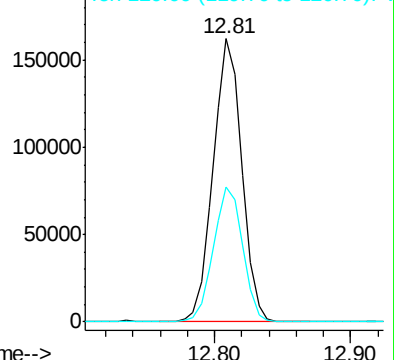
Ion Ratio Lower Upper

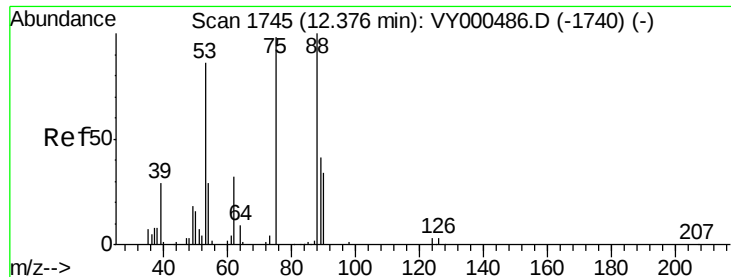
105 100

120 48.7 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.191 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

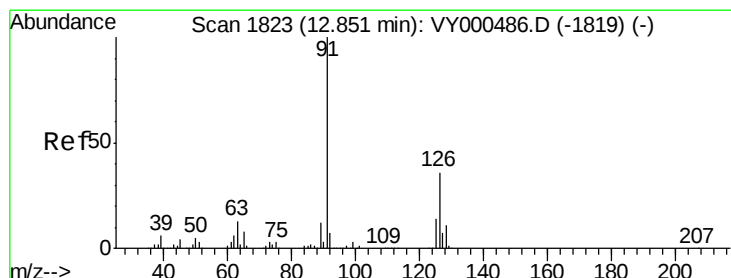
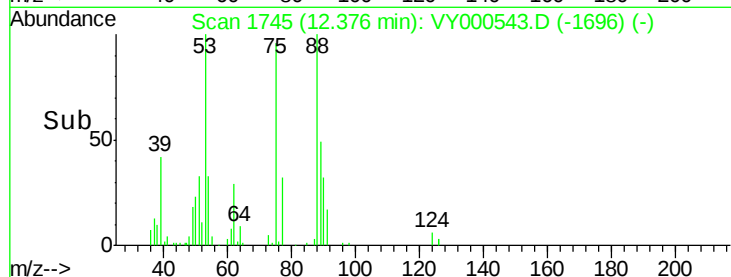
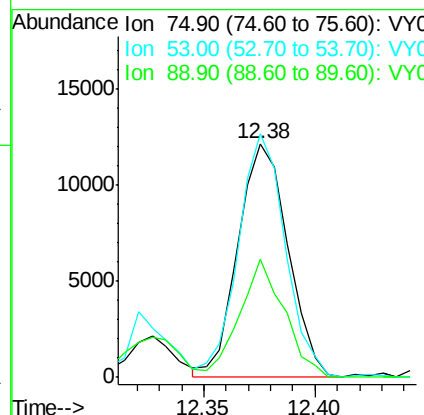
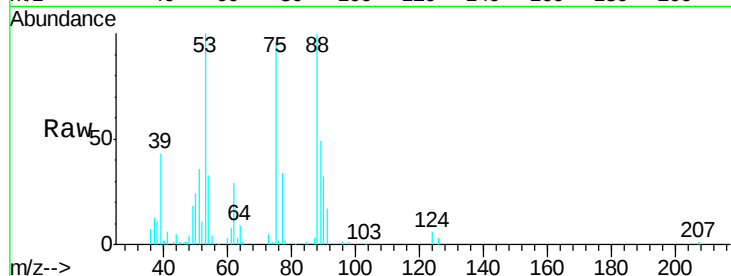
ClientSampleId :

VY1106SBS01

Tgt Ion:	75	Resp:	19008
Ion	Ratio	Lower	Upper
75	100		
53	98.3	73.2	109.8
89	44.8	35.9	53.9

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:12 AM



#82

4-Chlorotoluene

Concen: 20.722 ug/l

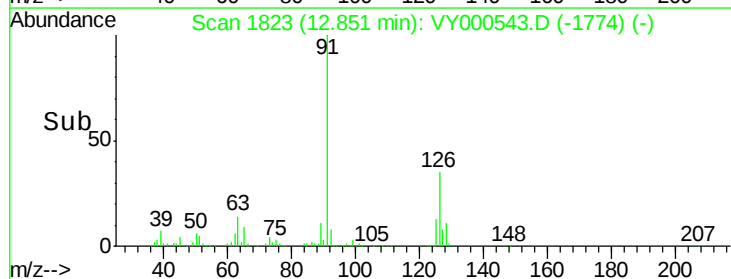
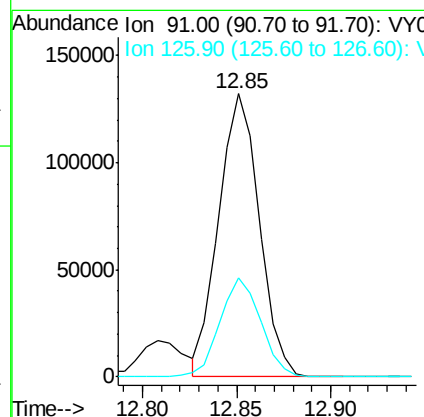
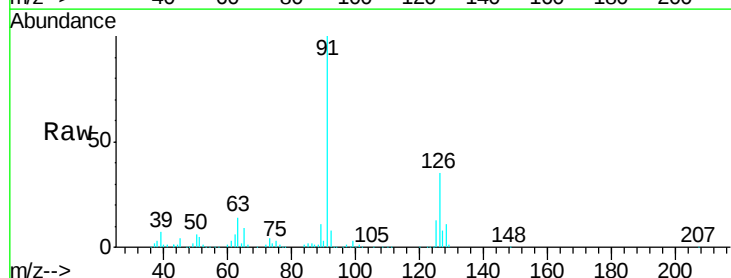
RT: 12.85 min Scan# 1823

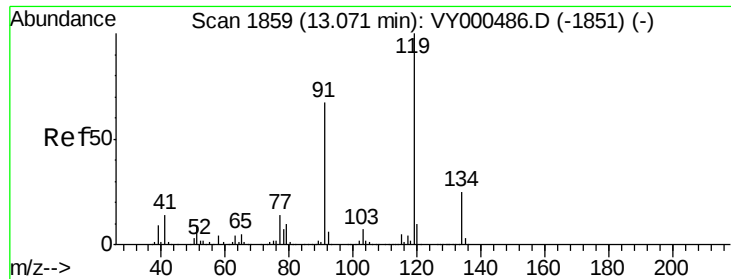
Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion:	91	Resp:	197123
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.6	52.9





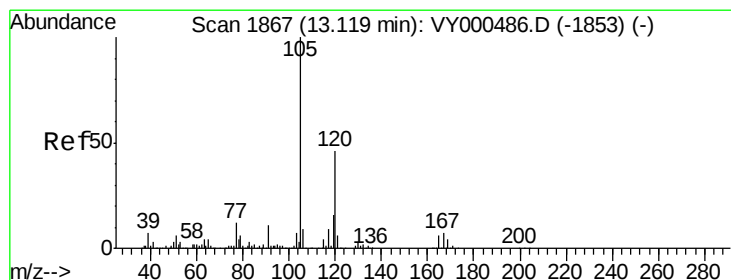
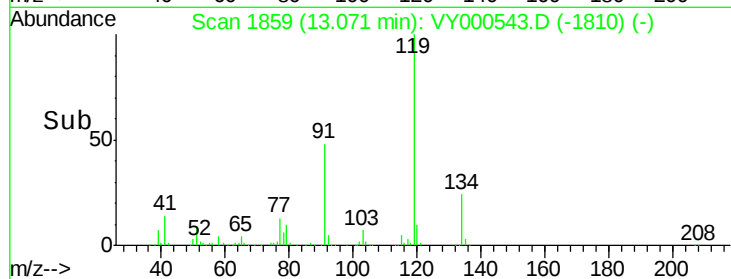
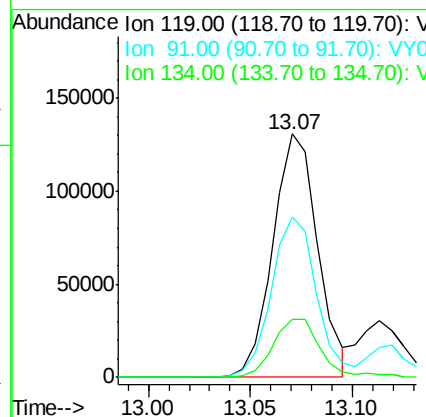
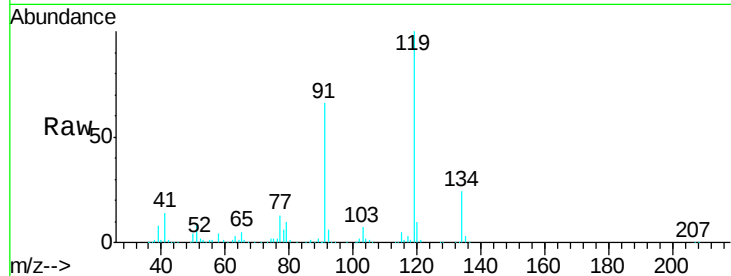
#83
 tert-Butylbenzene
 Concen: 20.549 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	200202		
91	66.8	32.1	96.3	
134	26.1	13.2	39.5	

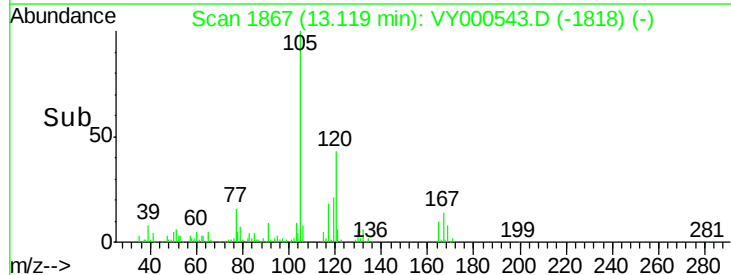
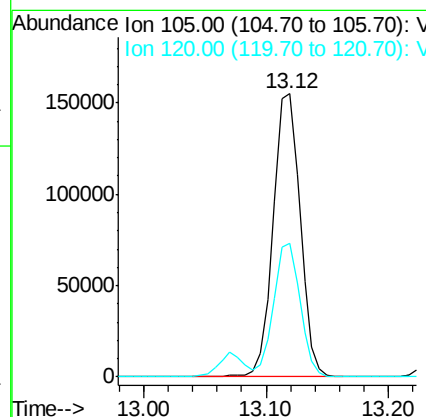
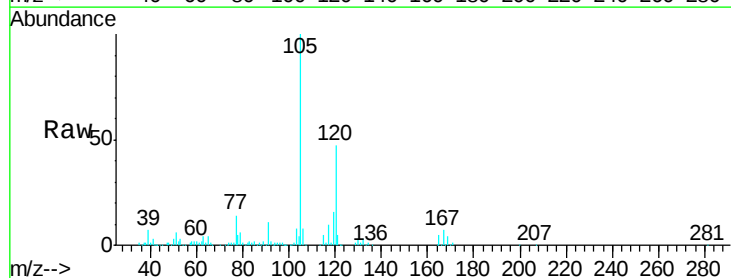
Manual Integrations
 APPROVED

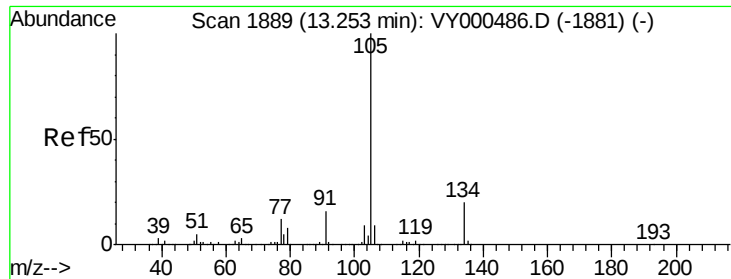
MMDadoda
 11/8/2019 10:39:12 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.957 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	238086		
120	46.3	23.3	69.9	





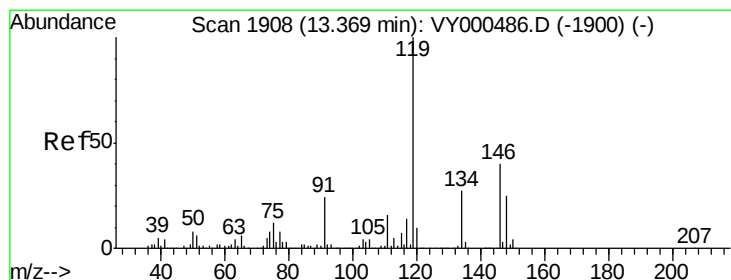
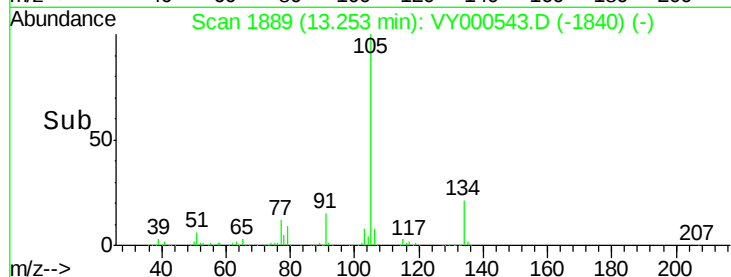
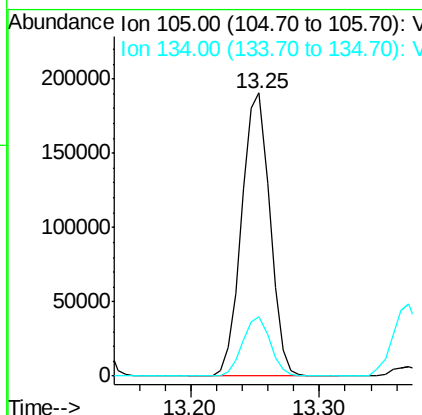
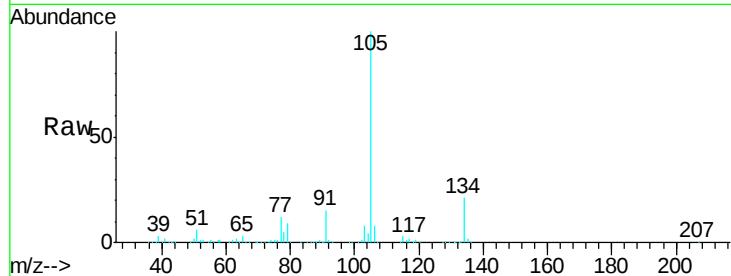
#85
 sec-Butylbenzene
 Concen: 20.744 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion:105 Resp: 287936
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

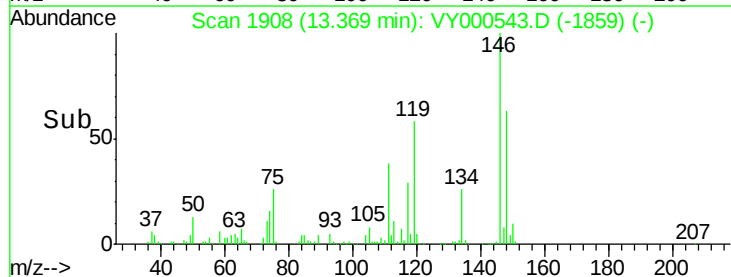
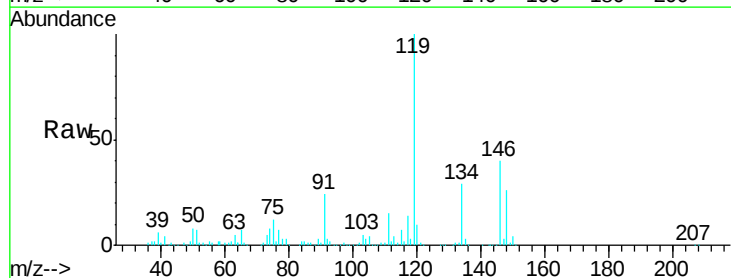
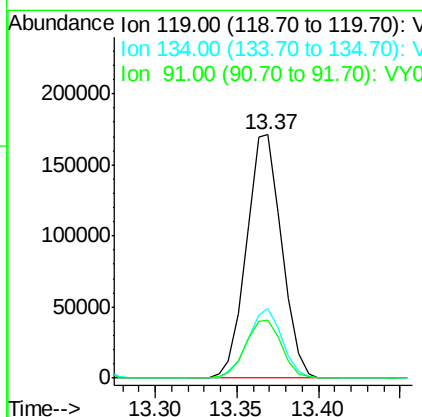
Manual Integrations
 APPROVED

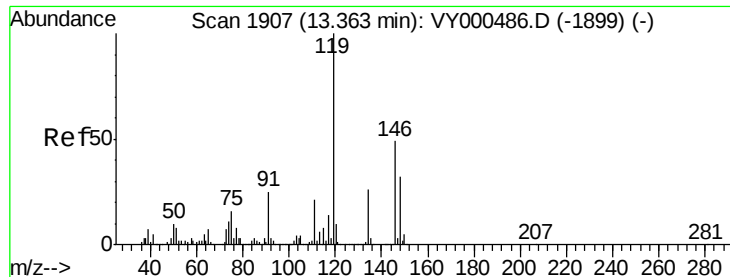
MMDadoda
 11/8/2019 10:39:12 AM



#86
 p-Isopropyltoluene
 Concen: 20.764 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion:119 Resp: 256867
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.6 40.8
 91 24.6 12.0 36.1





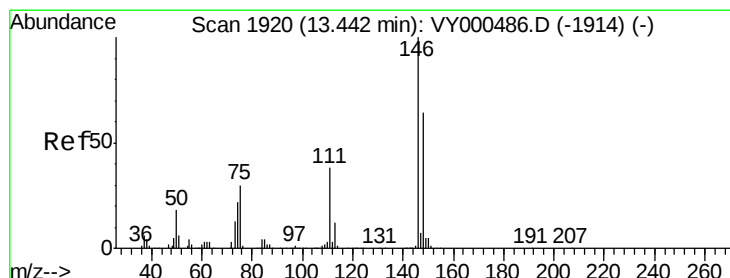
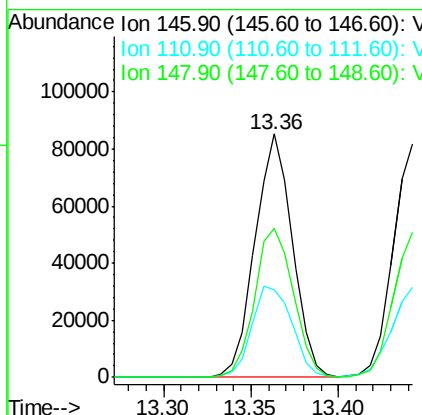
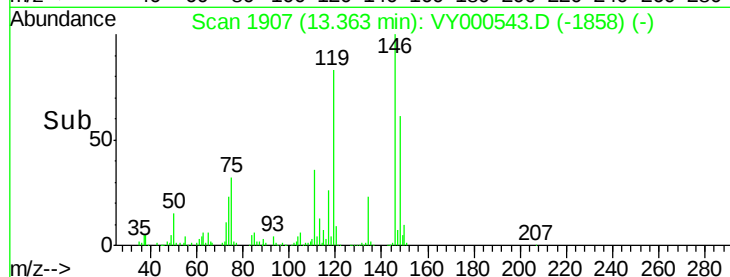
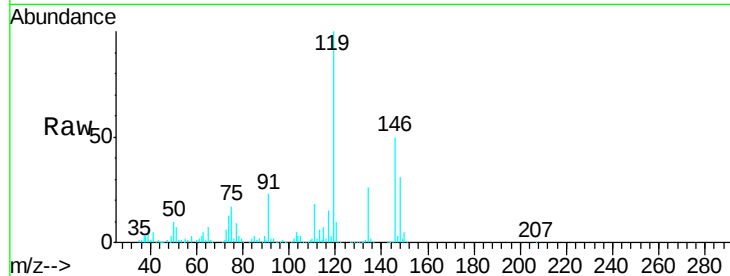
#87
 1,3-Dichlorobenzene
 Concen: 20.838 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	63.3	31.5	94.5

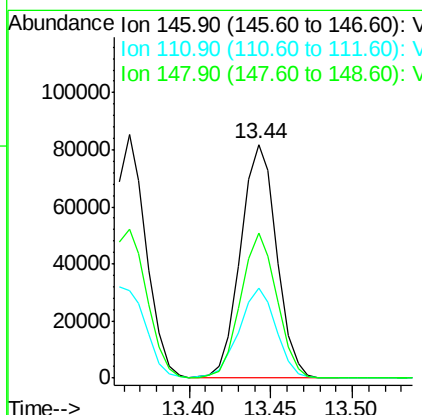
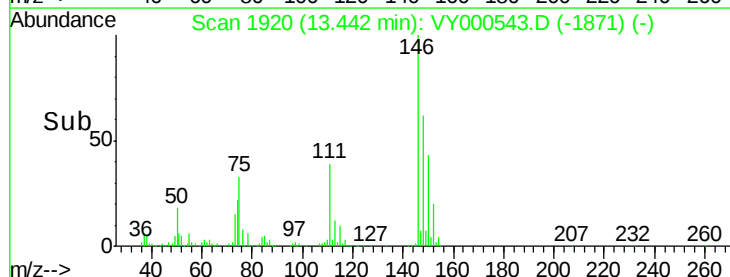
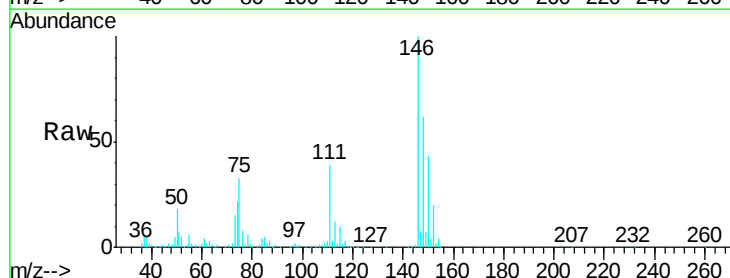
Manual Integrations
 APPROVED

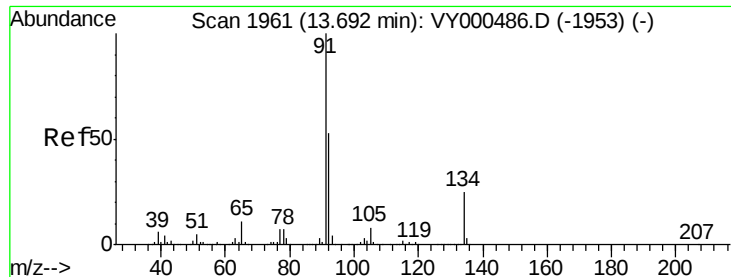
MMDadoda
 11/8/2019 10:39:12 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.776 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.0
148	62.1	31.9	95.7





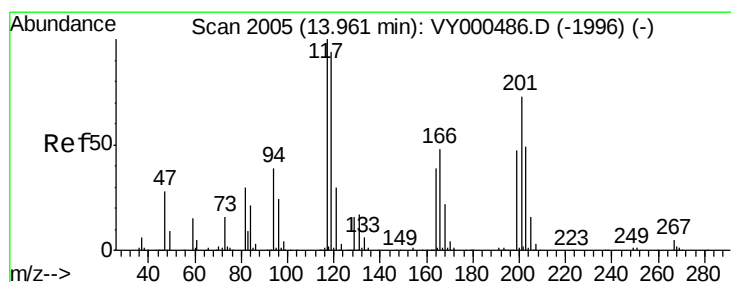
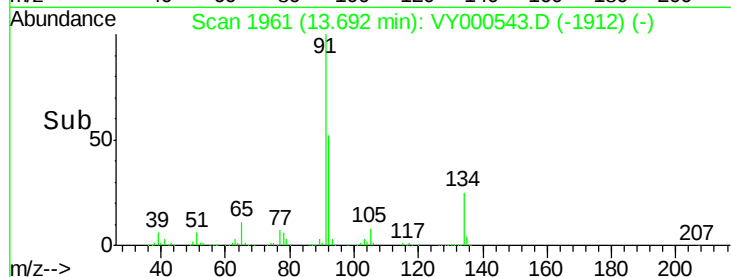
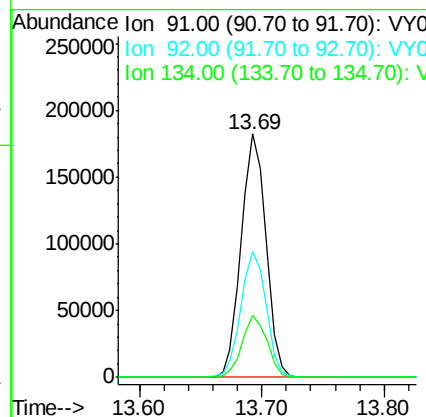
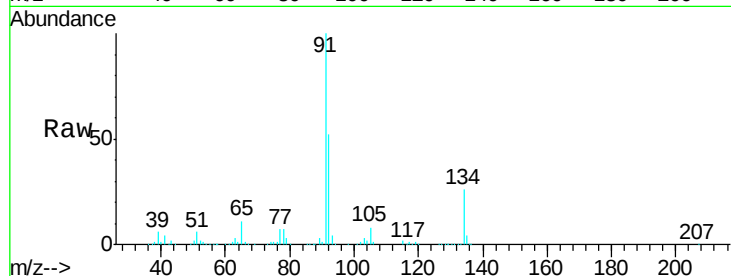
#89
n-Butylbenzene
Concen: 20.918 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	255232		
92	52.7	26.8	80.3	
134	25.7	12.9	38.7	

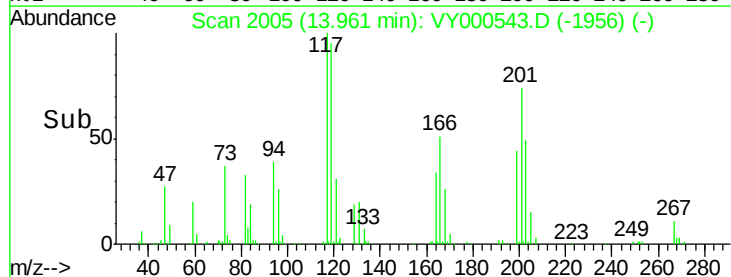
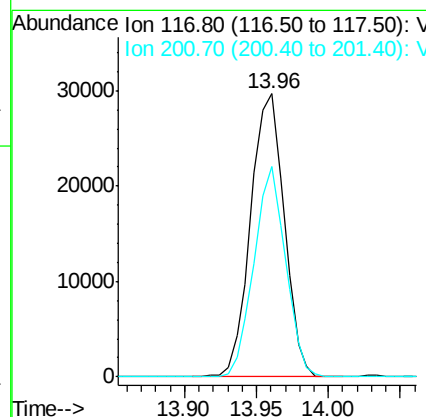
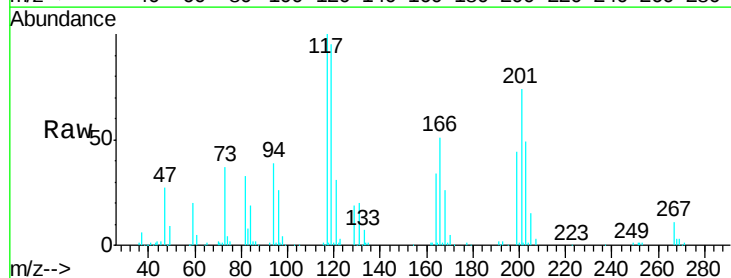
Manual Integrations
APPROVED

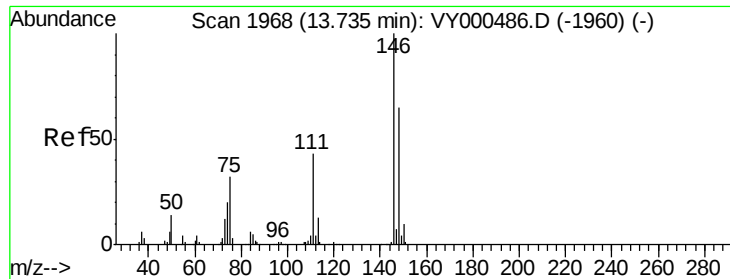
MMDadoda
11/8/2019 10:39:12 AM



#90
Hexachloroethane
Concen: 20.901 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	47801		
201	69.9	35.8	107.3	





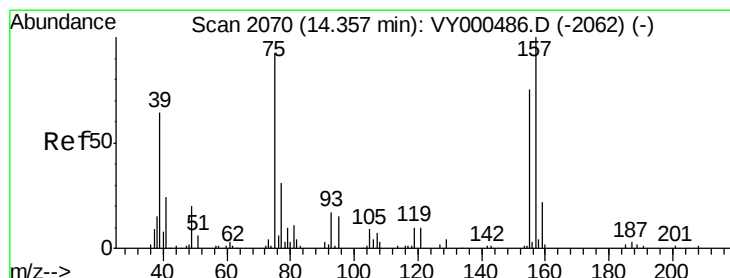
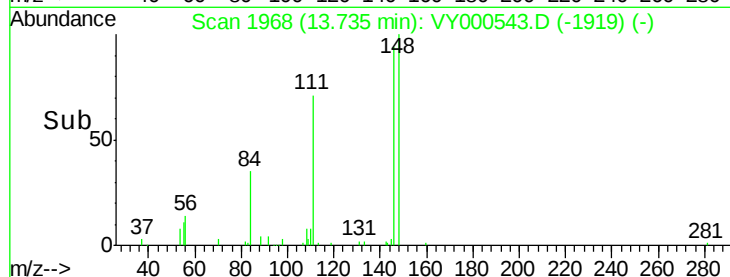
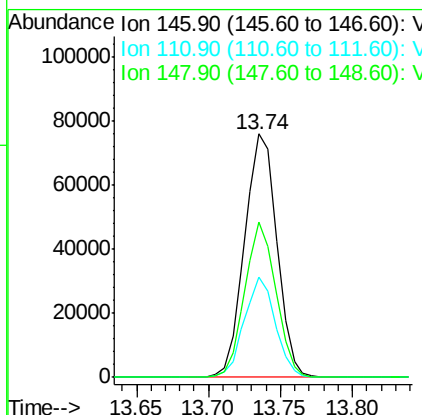
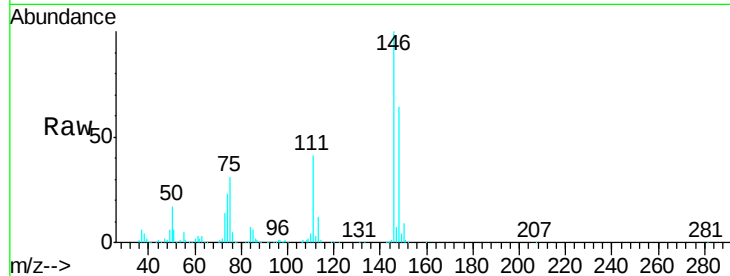
#91
 1,2-Dichlorobenzene
 Concen: 21.311 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.5	61.5
148	61.4	31.7	95.1

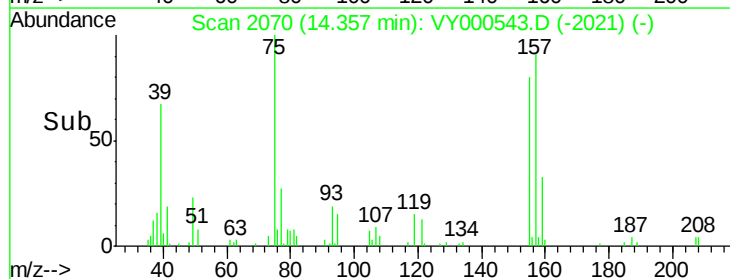
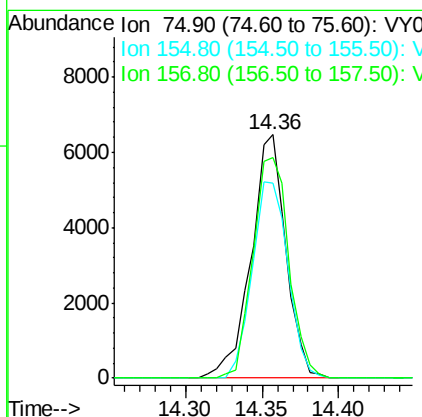
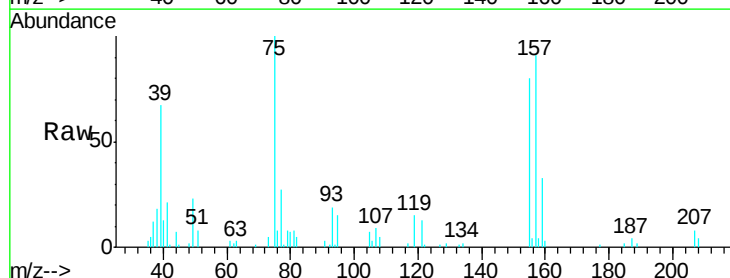
Manual Integrations
 APPROVED

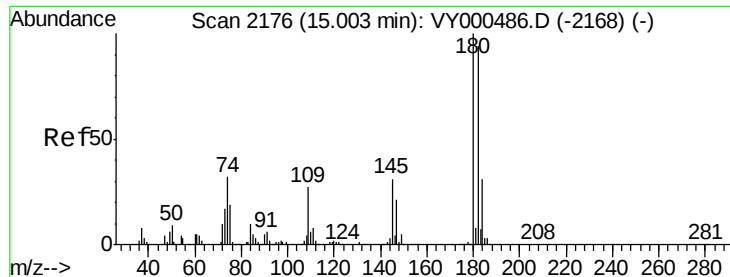
MMDadoda
 11/8/2019 10:39:12 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.313 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	42.4	127.1
157	94.1	55.1	165.3





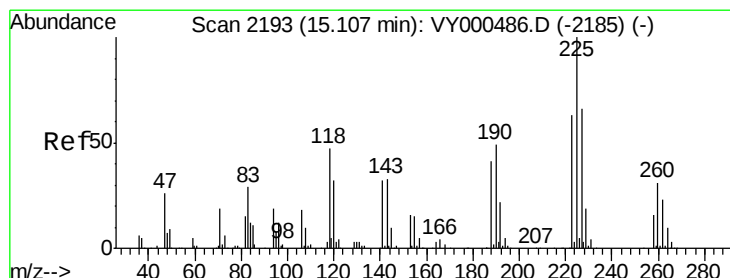
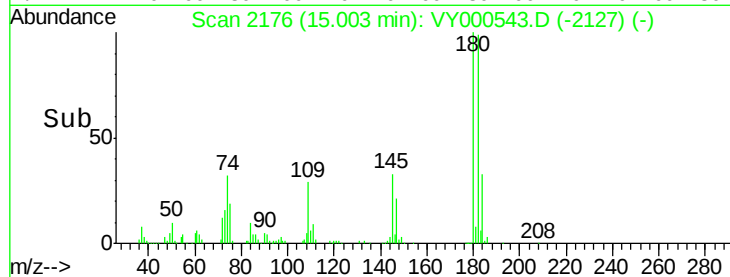
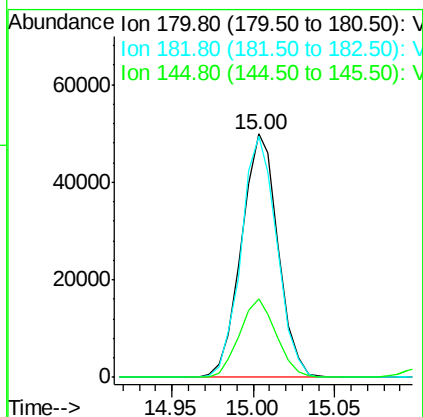
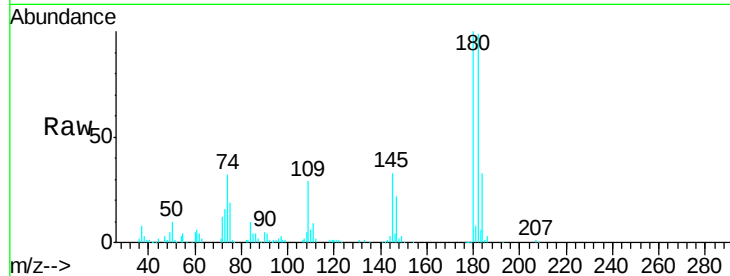
#93
 1,2,4-Trichlorobenzene
 Concen: 20.732 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.8	143.4
145	32.3	16.0	47.9

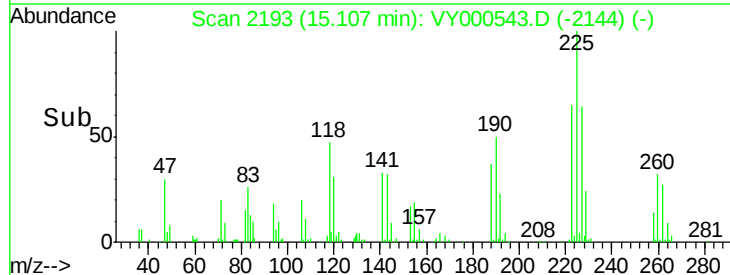
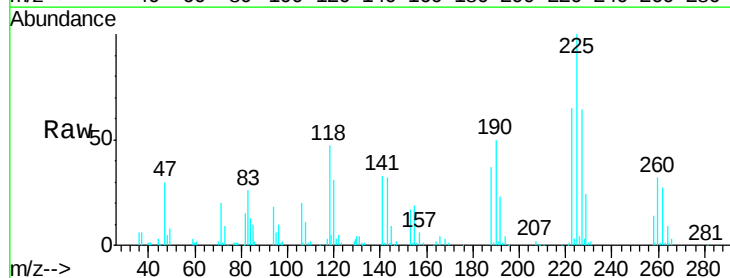
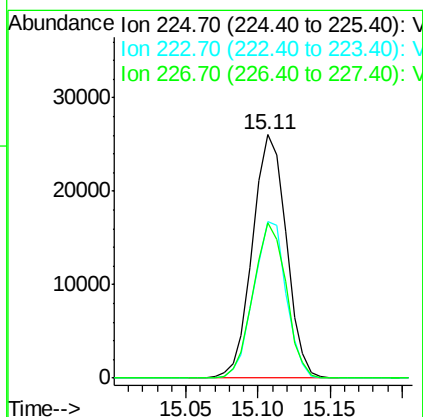
Manual Integrations
 APPROVED

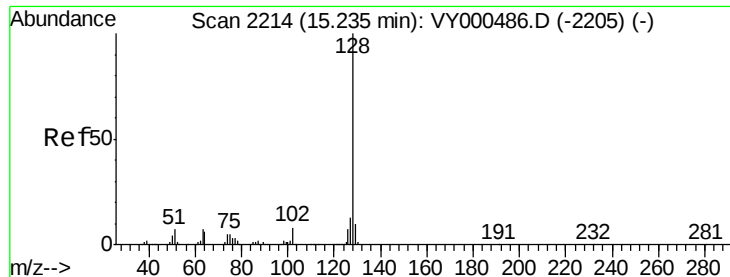
MMDadoda
 11/8/2019 10:39:12 AM



#94
 Hexachlorobutadiene
 Concen: 21.762 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.3	93.8
227	62.1	32.4	97.0





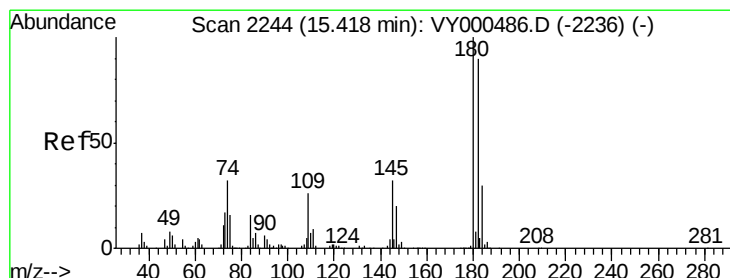
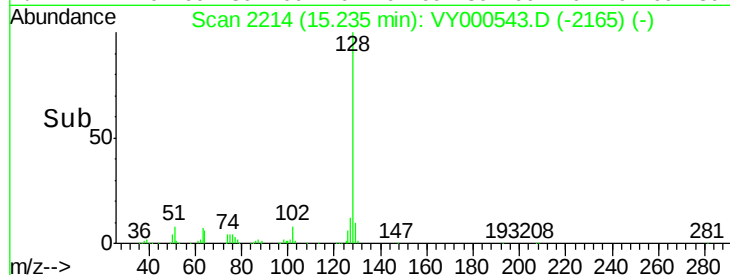
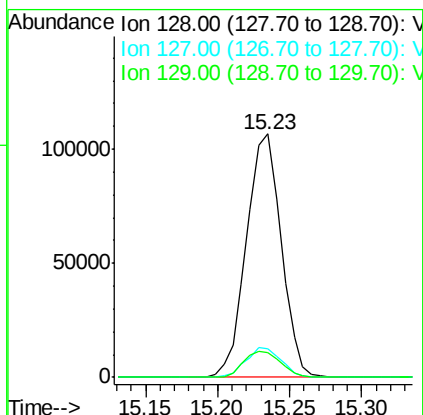
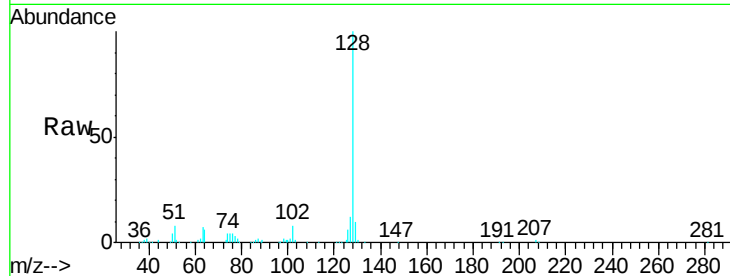
#95
Naphthalene
Concen: 21.360 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	178264		
127	12.3	9.8	14.6	
129	11.3	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.954 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	70673		
182	98.9	47.4	142.3	
145	32.4	15.7	47.0	

