

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003518.D
 Acq On : 05 Nov 2020 11:45
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:27:06 AM

Quant Time: Nov 05 23:59:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	327719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	298068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	162948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	114485	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	7.72	113	98355	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.18	98	398733	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	12.48	95	134472	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	37840	20.880	ug/l	100
3) Chloromethane	2.11	50	50626	21.220	ug/l	99
4) Vinyl Chloride	2.26	62	56018	20.918	ug/l	98
5) Bromomethane	2.65	94	44207	19.758	ug/l	97
6) Chloroethane	2.79	64	34276	21.474	ug/l	96
7) Trichlorofluoromethane	3.13	101	69718	20.510	ug/l	100
8) Diethyl Ether	3.54	74	22713	21.789	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	39656	21.108	ug/l	99
10) Methyl Iodide	4.09	142	37746	22.376	ug/l	99
11) Tert butyl alcohol	4.96	59	36678	148.720	ug/l #	91
12) 1,1-Dichloroethene	3.88	96	37708	20.173	ug/l	95
13) Acrolein	3.74	56	18647	95.690	ug/l	97
14) Allyl chloride	4.49	41	69117	20.267	ug/l	99
15) Acrylonitrile	5.18	53	54822	98.526	ug/l	99
16) Acetone	3.96	43	67799	87.527	ug/l	96
17) Carbon Disulfide	4.20	76	121276	20.027	ug/l	99
18) Methyl Acetate	4.49	43	30528	20.855	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	98170	21.204	ug/l	99
20) Methylene Chloride	4.72	84	46568	21.347	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	44265	20.451	ug/l	96
22) Diisopropyl ether	6.13	45	132892	22.217	ug/l	96
23) Vinyl Acetate	6.07	43	469244	104.393	ug/l	99
24) 1,1-Dichloroethane	6.02	63	81310	21.391	ug/l	98
25) 2-Butanone	6.99	43	90212	93.116	ug/l	98
26) 2,2-Dichloropropane	6.99	77	74081	20.920	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	50367	21.475	ug/l	99
28) Bromochloromethane	7.34	49	37259	19.485	ug/l	100
29) Tetrahydrofuran	7.35	42	50608	99.969	ug/l	98
30) Chloroform	7.51	83	81023	21.702	ug/l	99
31) Cyclohexane	7.79	56	69901	19.861	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	73514	21.107	ug/l	99
36) 1,1-Dichloropropene	7.92	75	63498	20.550	ug/l	100
37) Ethyl Acetate	7.08	43	37956	19.782	ug/l	99
38) Carbon Tetrachloride	7.91	117	66120	20.627	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003518.D
 Acq On : 05 Nov 2020 11:45
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:27:06 AM

Quant Time: Nov 05 23:59:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	68287	19.848	ug/l	99
40) Benzene	8.16	78	181411	21.097	ug/l	99
41) Methacrylonitrile	7.33	41	23247m	22.689	ug/l	
42) 1,2-Dichloroethane	8.24	62	57341	21.282	ug/l	99
43) Isopropyl Acetate	8.28	43	69585	20.180	ug/l	98
44) Trichloroethene	8.94	130	50669	20.990	ug/l	98
45) 1,2-Dichloropropane	9.22	63	46785	21.545	ug/l	96
46) Dibromomethane	9.31	93	25457	21.309	ug/l	98
47) Bromodichloromethane	9.50	83	63962	21.874	ug/l	99
48) Methyl methacrylate	9.29	41	31981	19.689	ug/l	97
49) 1,4-Dioxane	9.30	88	6167	413.708	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	187060	101.818	ug/l	99
52) Toluene	10.24	92	115348	21.447	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	66518	21.376	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	74597	21.303	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	36378	21.451	ug/l	97
56) Ethyl methacrylate	10.51	69	46939	20.664	ug/l	97
57) 1,3-Dichloropropane	10.79	76	64173	21.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	126474	109.830	ug/l	99
59) 2-Hexanone	10.83	43	132444	97.366	ug/l	99
60) Dibromochloromethane	10.99	129	45011	21.594	ug/l	98
61) 1,2-Dibromoethane	11.09	107	34007	20.771	ug/l	100
64) Tetrachloroethene	10.72	164	48345	21.718	ug/l	98
65) Chlorobenzene	11.52	112	125171	21.616	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	45944	21.038	ug/l	96
67) Ethyl Benzene	11.59	91	220564	21.006	ug/l	99
68) m/p-Xylenes	11.70	106	168628	42.378	ug/l	100
69) o-Xylene	12.03	106	78140	21.348	ug/l	100
70) Styrene	12.04	104	134897	21.705	ug/l	100
71) Bromoform	12.20	173	31101	21.366	ug/l #	99
73) Isopropylbenzene	12.33	105	213879	20.093	ug/l	100
74) N-amyl acetate	12.14	43	60106	19.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	44901	19.749	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	29928m	17.359	ug/l	
77) Bromobenzene	12.61	156	55307	20.450	ug/l	100
78) n-propylbenzene	12.67	91	256142	20.430	ug/l	100
79) 2-Chlorotoluene	12.75	91	142222	20.303	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	183019	20.752	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15706	19.013	ug/l	96
82) 4-Chlorotoluene	12.85	91	149441	20.415	ug/l	100
83) tert-Butylbenzene	13.07	119	155832	19.923	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	183942	20.869	ug/l	99
85) sec-Butylbenzene	13.25	105	217701	20.555	ug/l	100
86) p-Isopropyltoluene	13.37	119	201653	20.530	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	107431	21.324	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	104981	20.956	ug/l	98
89) n-Butylbenzene	13.69	91	186587	20.798	ug/l	99
90) Hexachloroethane	13.96	117	34357	20.784	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	94667	21.152	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7803	18.959	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
Data File : VY003518.D
Acq On : 05 Nov 2020 11:45
Operator : SY/MD
Sample : VY1105SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

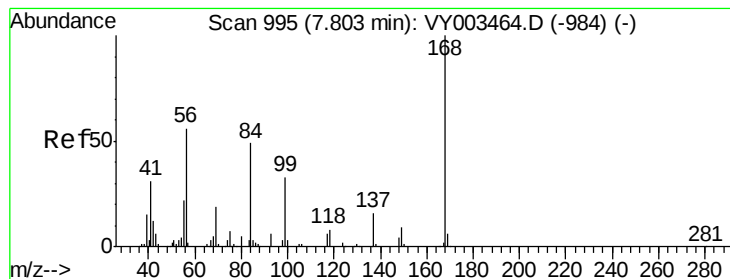
Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM

Quant Time: Nov 05 23:59:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	69522	21.961	ug/l	99
94) Hexachlorobutadiene	15.11	225	43659	21.438	ug/l	99
95) Naphthalene	15.23	128	125845	19.852	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	61149	21.473	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion:168 Resp: 229044

Ion Ratio Lower Upper

168 100

99 48.2

39.7

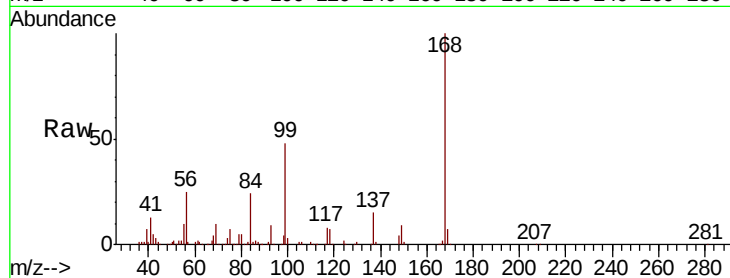
59.5

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:27:06 AM



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.80

100000

80000

60000

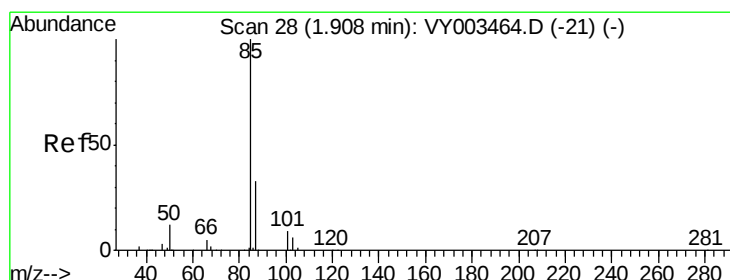
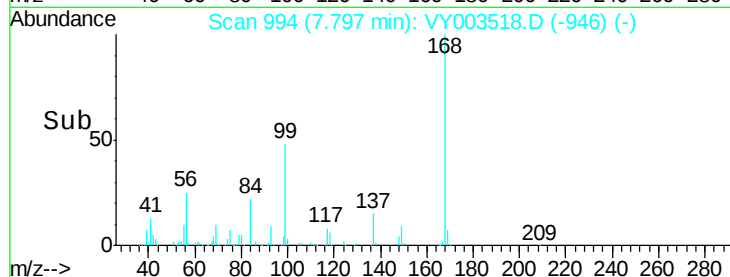
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.880 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Tgt Ion: 85 Resp: 37840

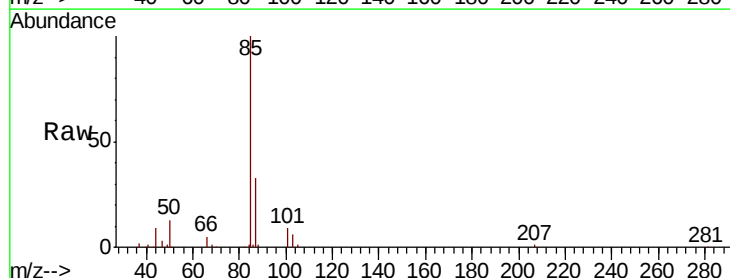
Ion Ratio Lower Upper

85 100

87 33.0

16.4

49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)

1.91

30000

25000

20000

15000

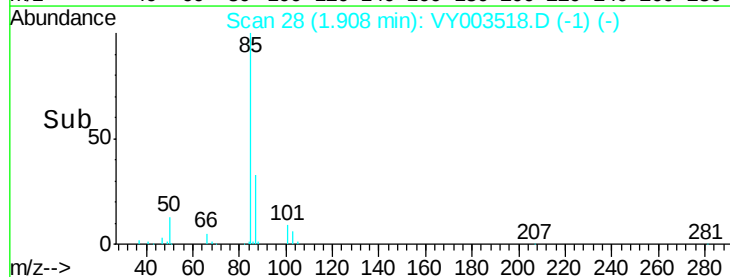
10000

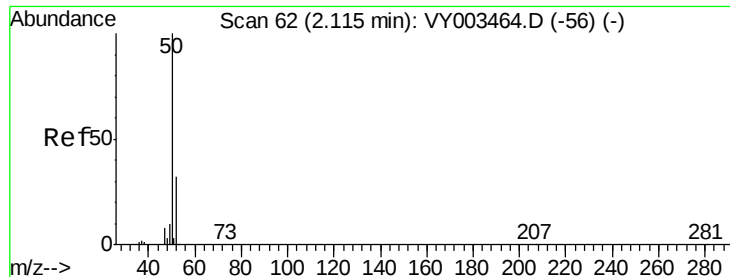
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.220 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 50 Resp: 50626

Ion Ratio Lower Upper

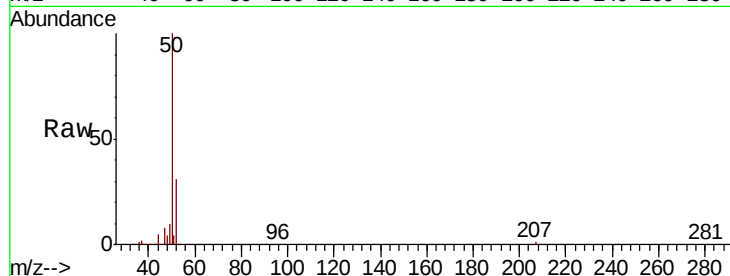
50 100

52 31.4 25.6 38.4

Manual Integrations
APPROVED

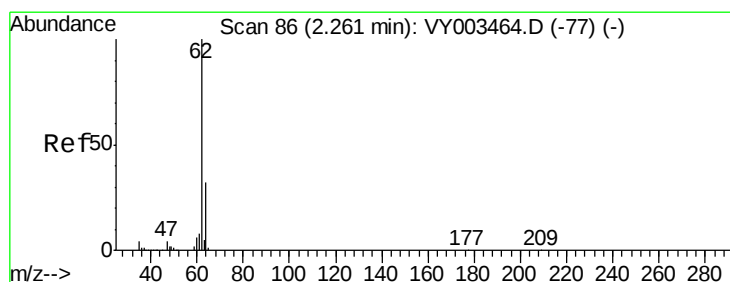
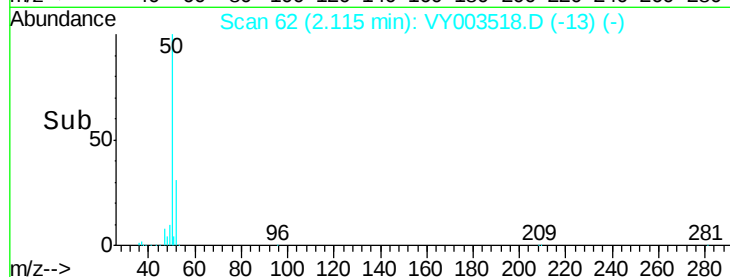
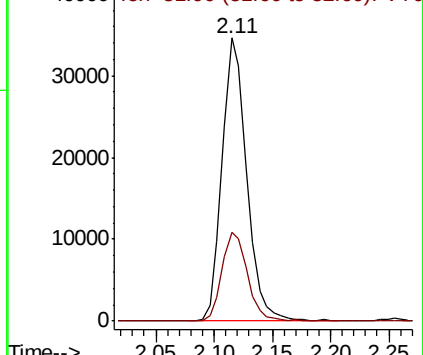
MMDadoda

11/6/2020 9:27:06 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.918 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003518.D

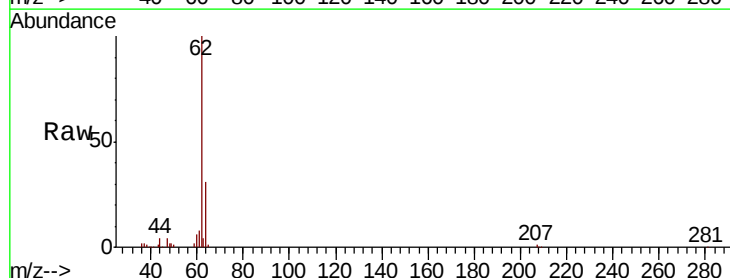
Acq: 05 Nov 2020 11:45

Tgt Ion: 62 Resp: 56018

Ion Ratio Lower Upper

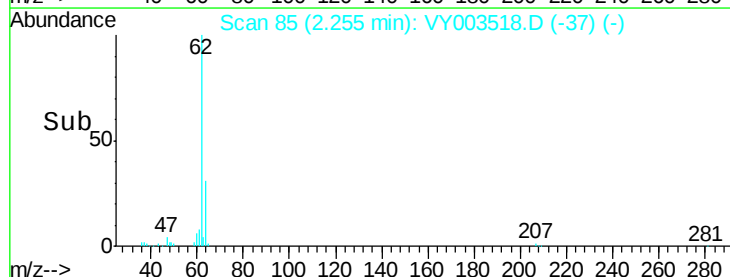
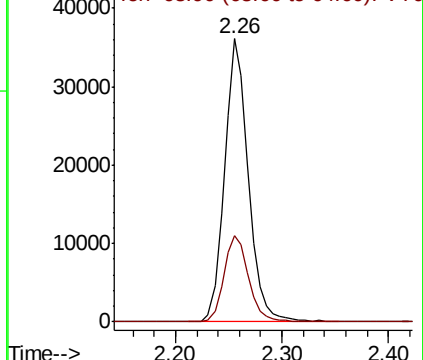
62 100

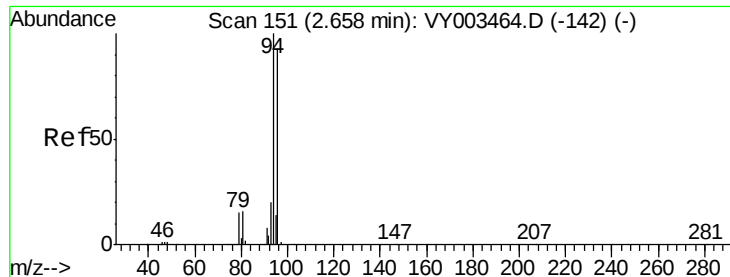
64 30.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.758 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 94 Resp: 44207

Ion Ratio Lower Upper

94 100

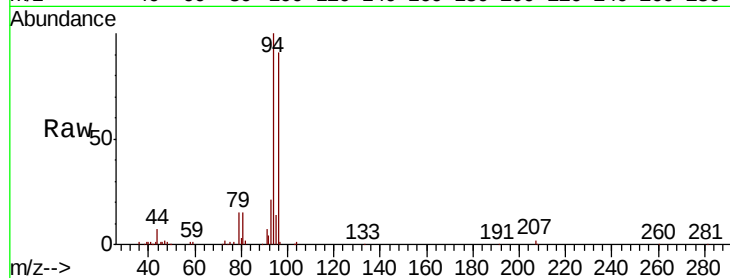
96 90.4 74.6 112.0

Manual Integrations

APPROVED

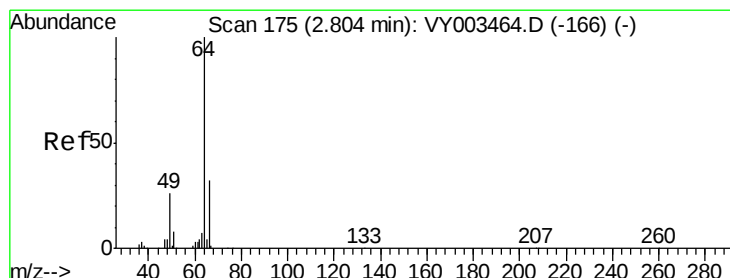
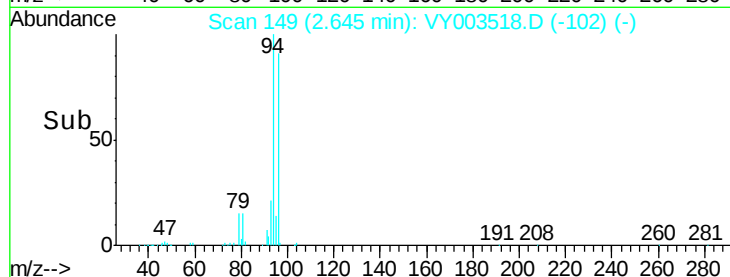
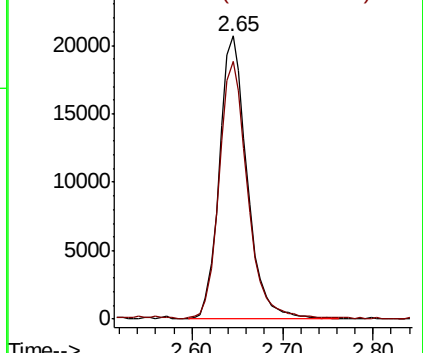
MMDadoda

11/6/2020 9:27:06 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.474 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003518.D

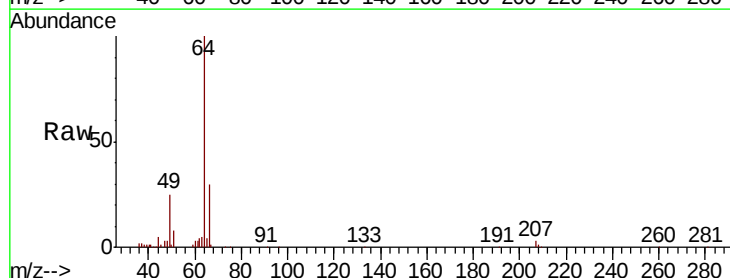
Acq: 05 Nov 2020 11:45

Tgt Ion: 64 Resp: 34276

Ion Ratio Lower Upper

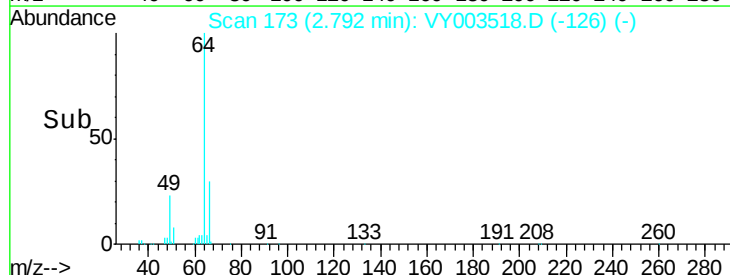
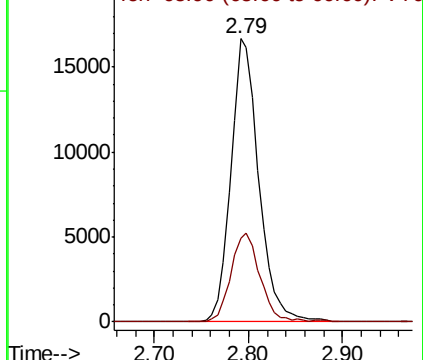
64 100

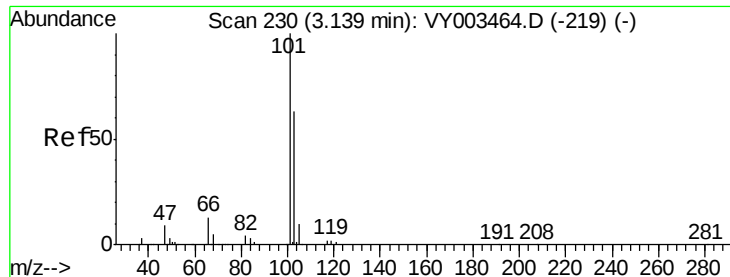
66 29.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

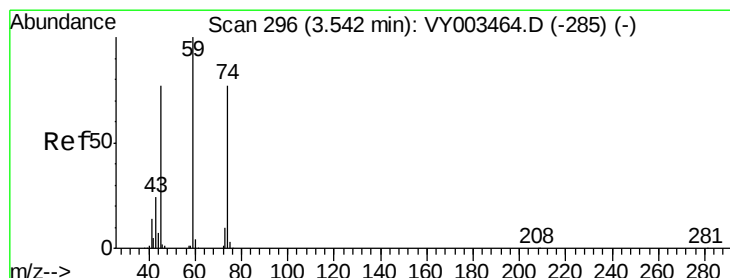
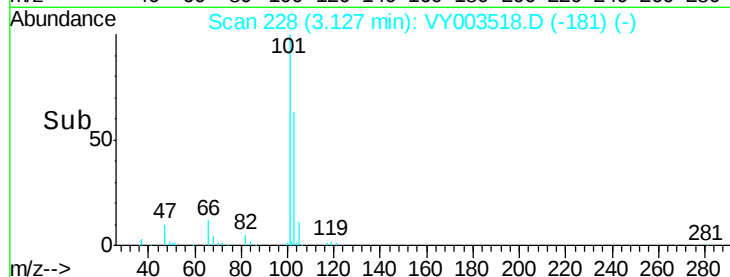
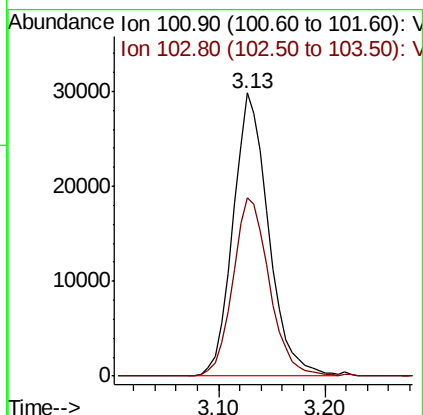
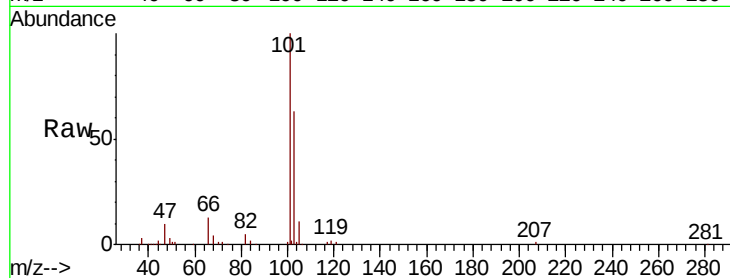
Trichlorofluoromethane
Concen: 20.510 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	50.7	76.1

Manual Integrations
APPROVED

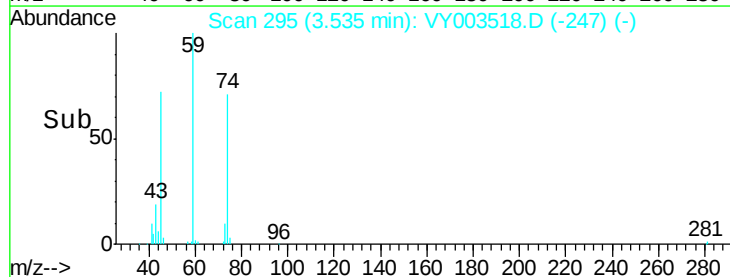
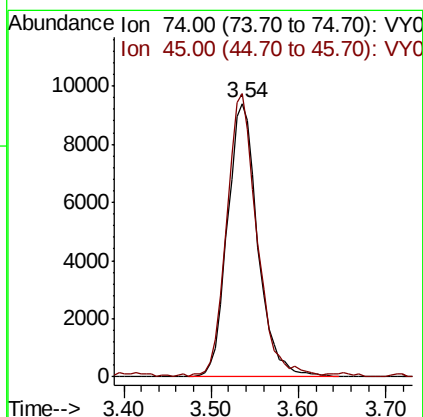
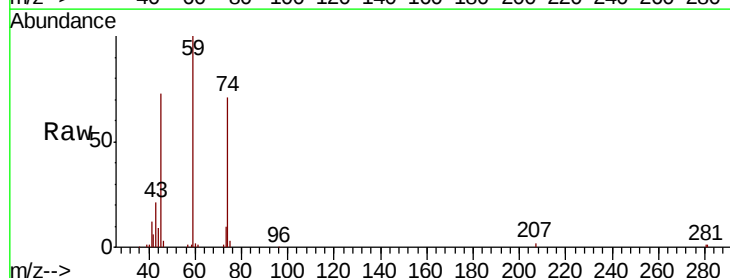
MMDadoda
11/6/2020 9:27:06 AM

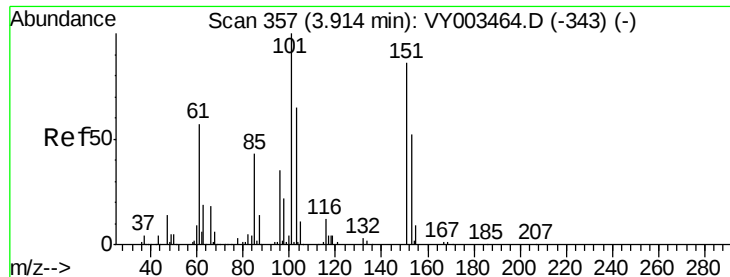


#8

Diethyl Ether
Concen: 21.789 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.108 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

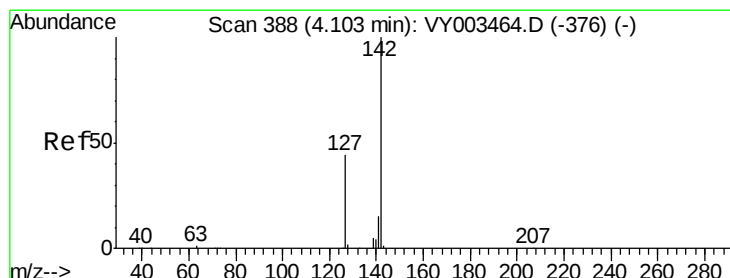
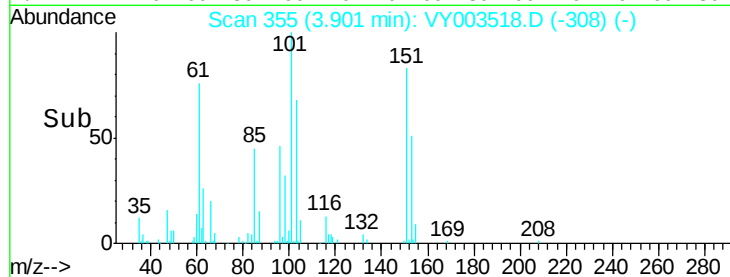
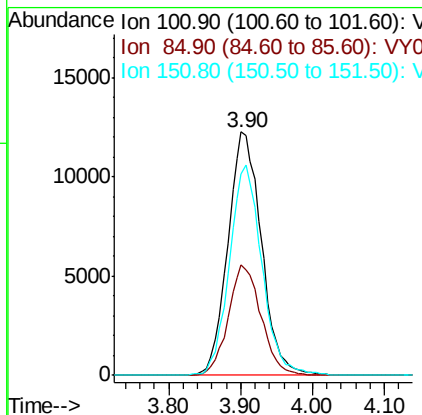
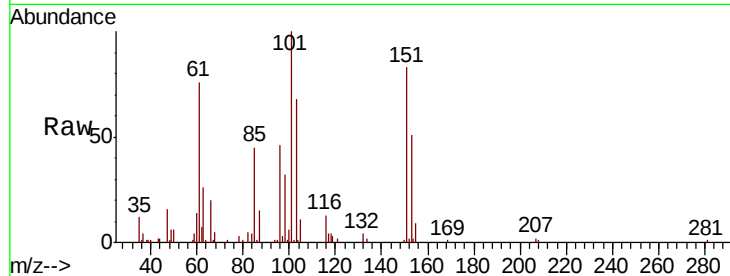
ClientSampleId :

VY1105SBS01

Tot Ion:	101	Resp:	39656
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.8	53.8
151	83.8	67.6	101.4

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM



#10

Methyl Iodide

Concen: 22.376 ug/l

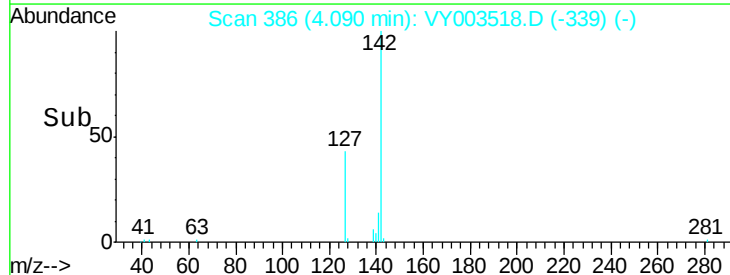
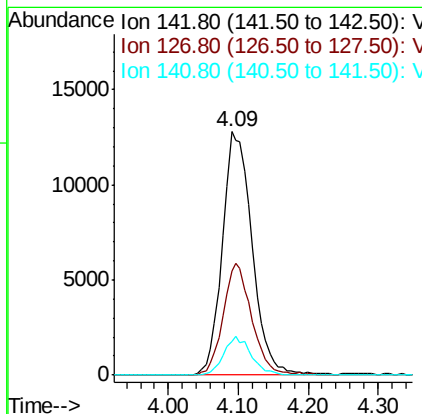
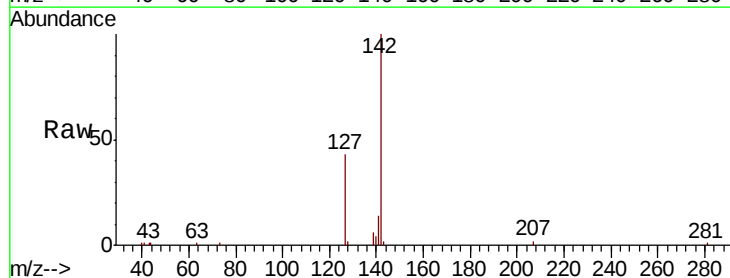
RT: 4.09 min Scan# 386

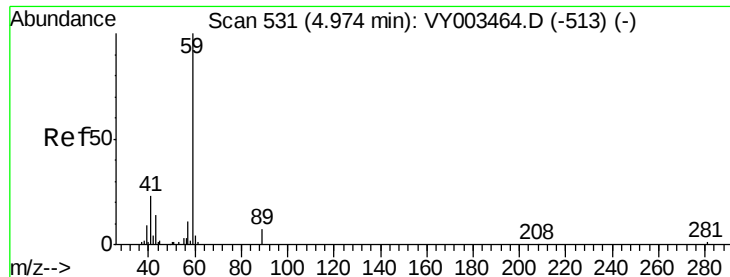
Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Tgt Ion:	142	Resp:	37746
Ion Ratio	Lower	Upper	
142	100		
127	43.8	34.5	51.7
141	14.6	11.8	17.8





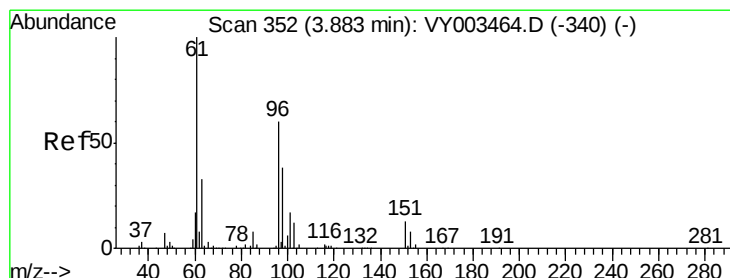
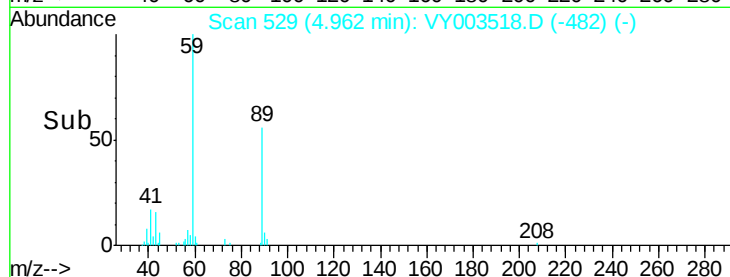
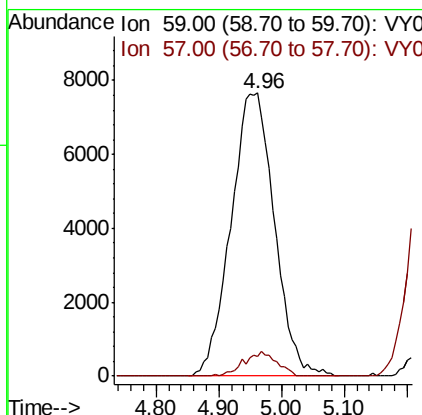
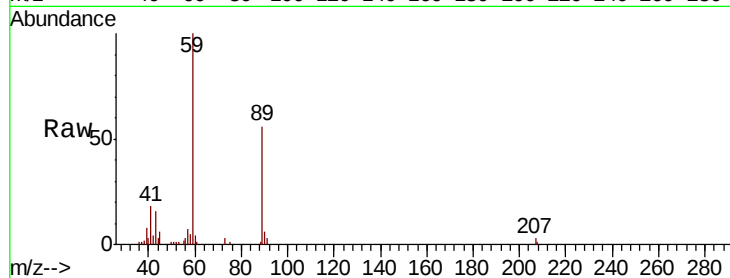
#11
Tert butyl alcohol
Concen: 148.720 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.6	7.9	11.9#

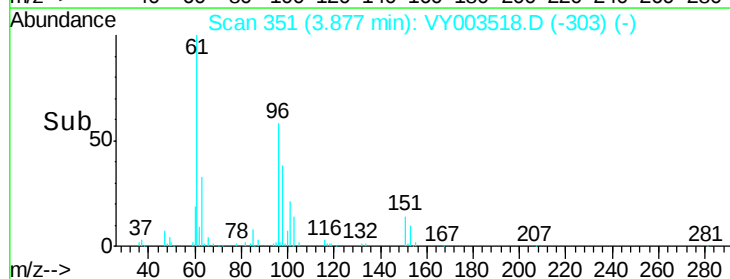
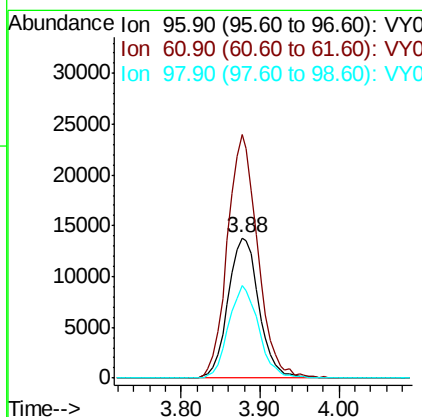
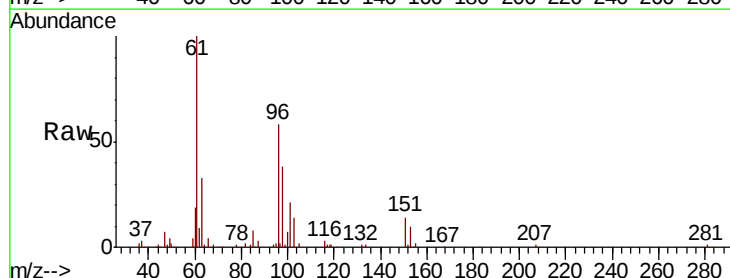
Manual Integrations
APPROVED

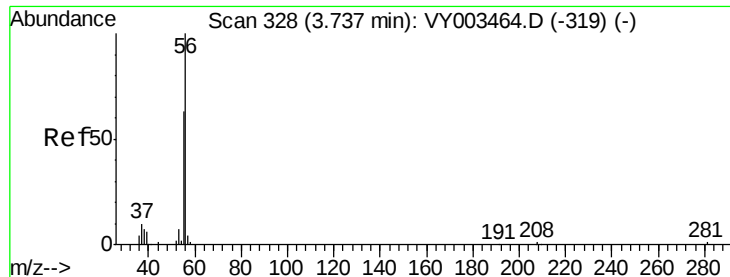
MMDadoda
11/6/2020 9:27:06 AM



#12
1,1-Dichloroethene
Concen: 20.173 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.7	133.6	200.4
98	65.6	50.2	75.2





#13

Acrolein

Concen: 95.690 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 56 Resp: 18647

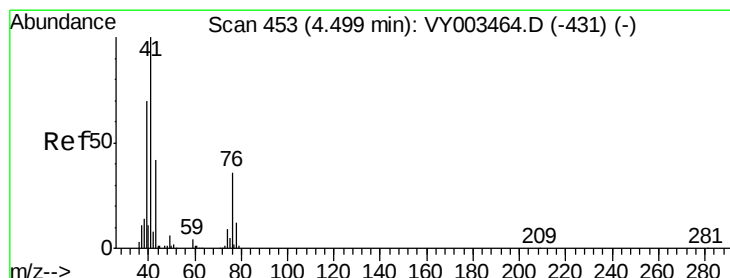
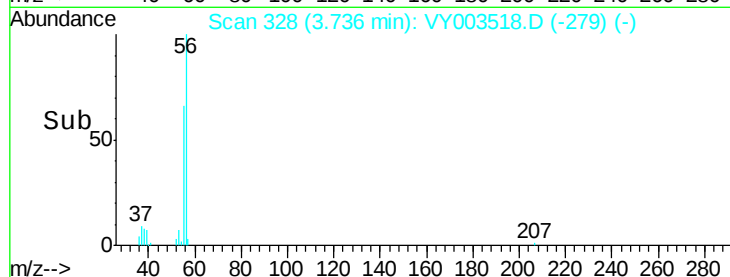
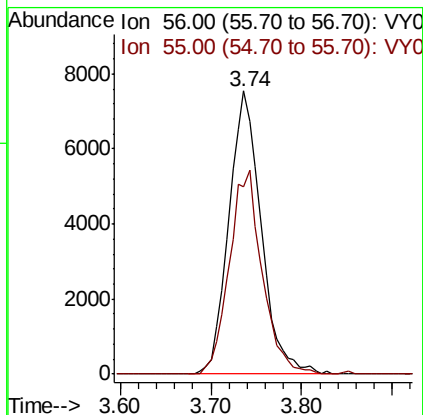
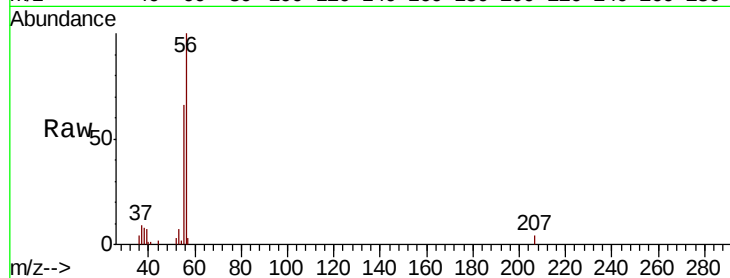
Ion Ratio Lower Upper

56 100

55 73.0 56.6 85.0

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM



#14

Allyl chloride

Concen: 20.267 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

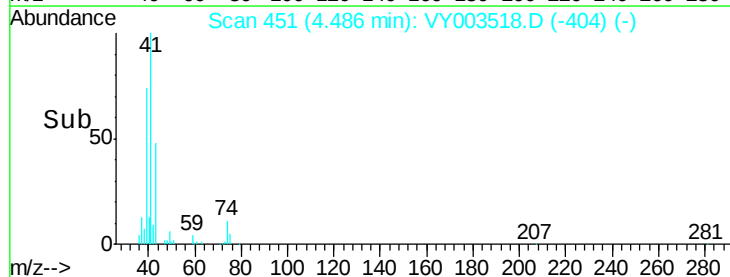
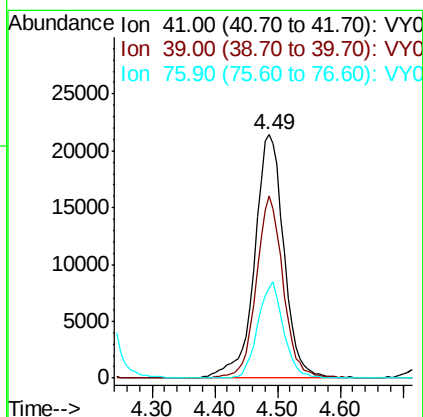
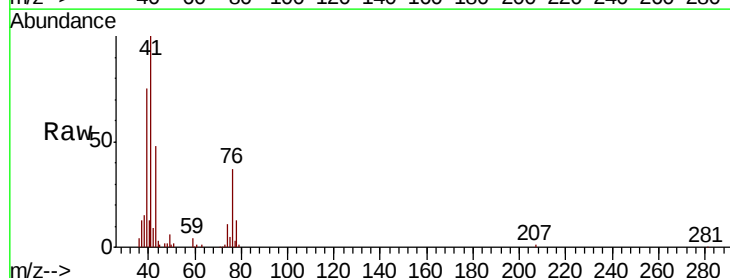
Tgt Ion: 41 Resp: 69117

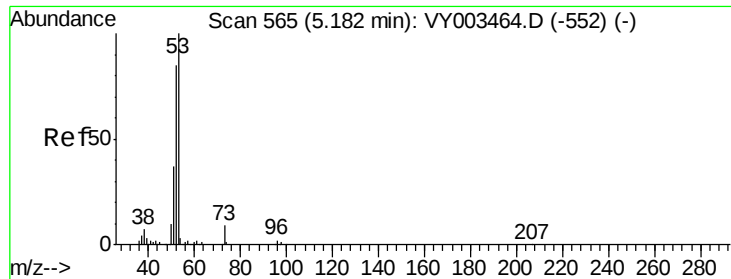
Ion Ratio Lower Upper

41 100

39 68.7 54.4 81.6

76 34.5 27.6 41.4





#15

Acrylonitrile

Concen: 98.526 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

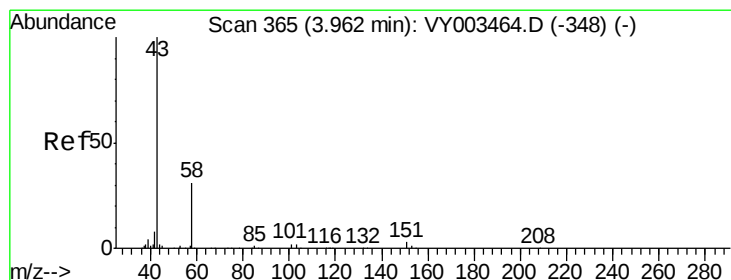
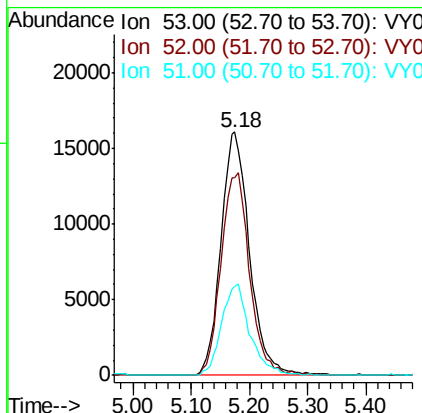
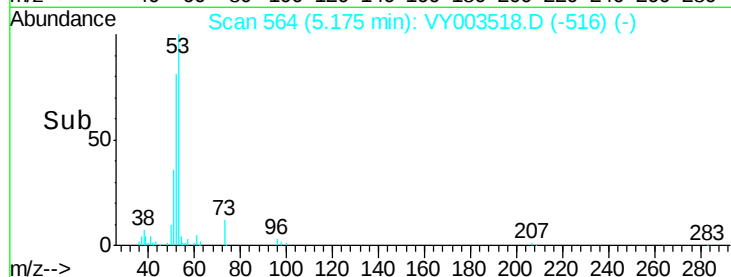
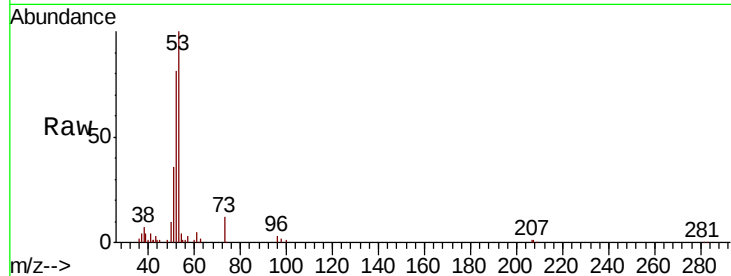
ClientSampleId :

VY1105SBS01

Tot Ion:	53	Resp:	54822
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.9	100.3
51	37.4	29.3	43.9

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM



#16

Acetone

Concen: 87.527 ug/l

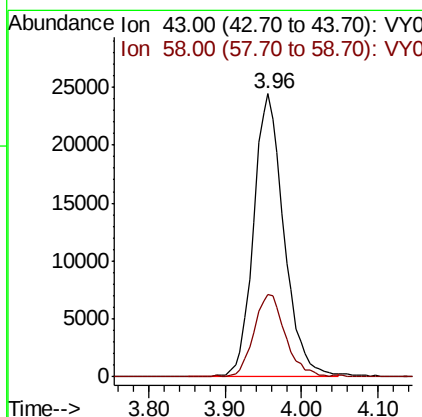
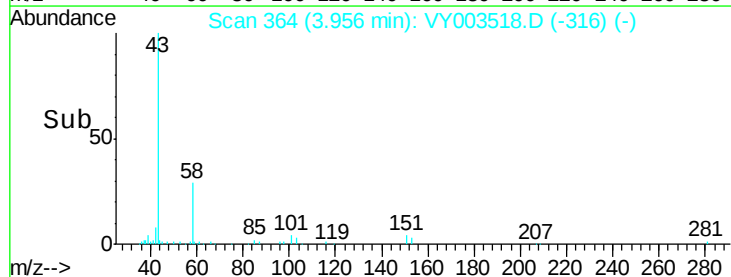
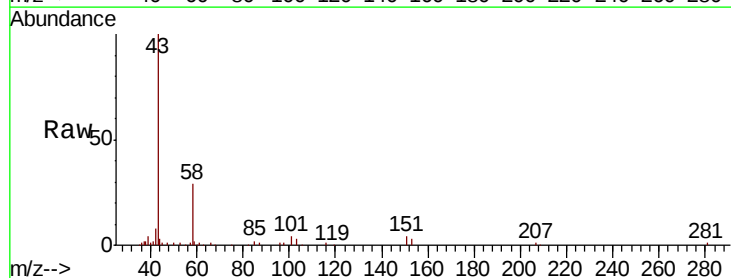
RT: 3.96 min Scan# 364

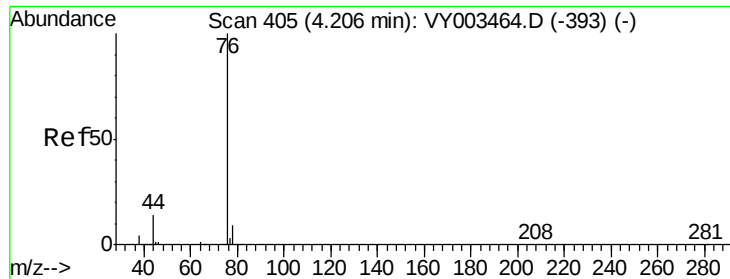
Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Tgt Ion:	43	Resp:	67799
Ion Ratio	Lower	Upper	
43	100		
58	29.1	25.0	37.4





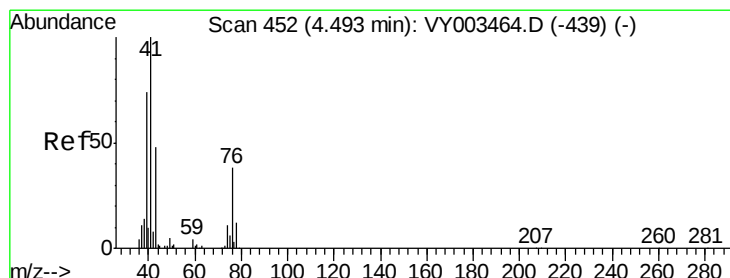
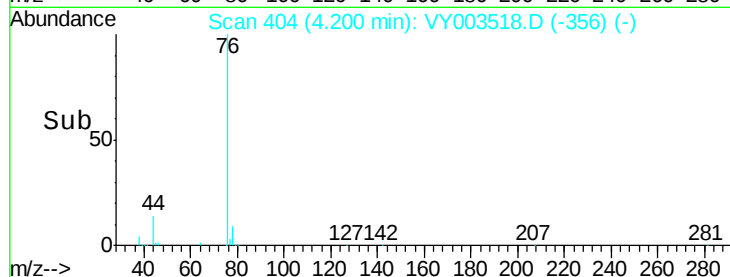
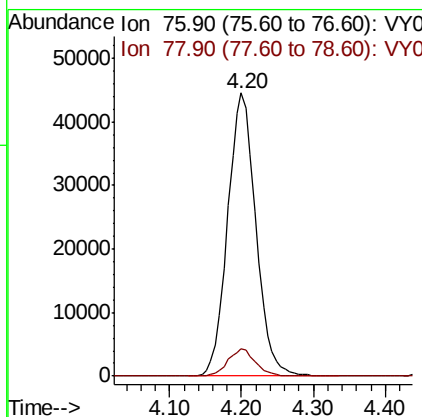
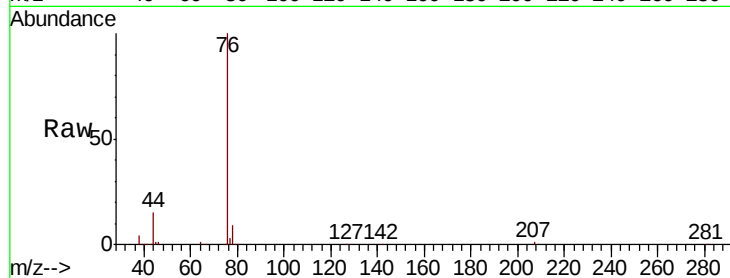
#17
Carbon Disulfide
Concen: 20.027 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

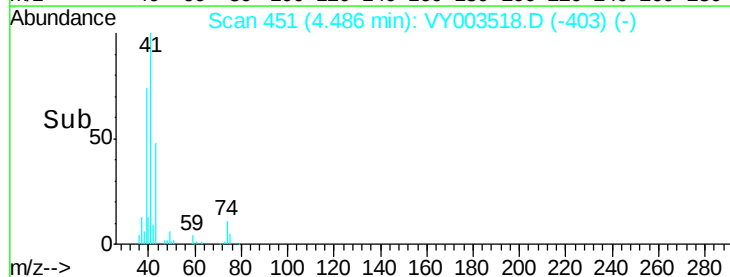
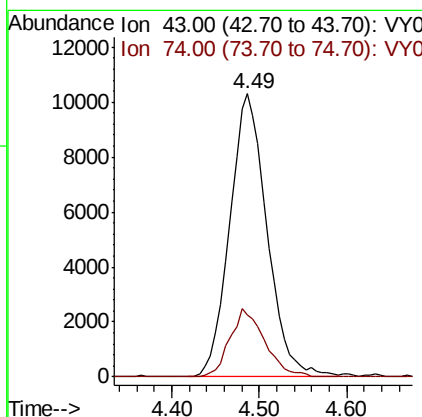
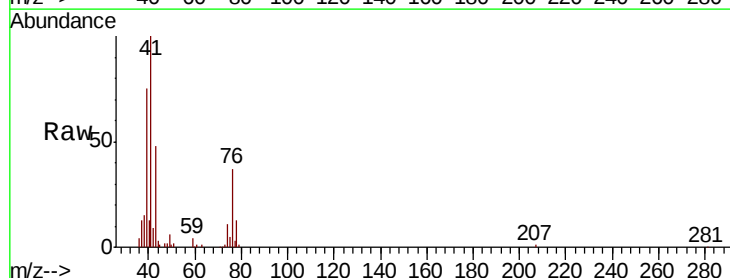
Manual Integrations
APPROVED

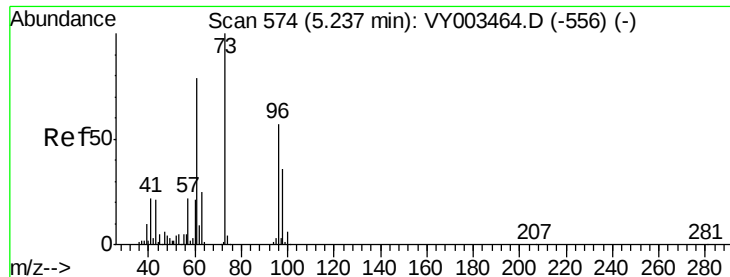
MMDadoda
11/6/2020 9:27:06 AM



#18
Methyl Acetate
Concen: 20.855 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.4	27.6





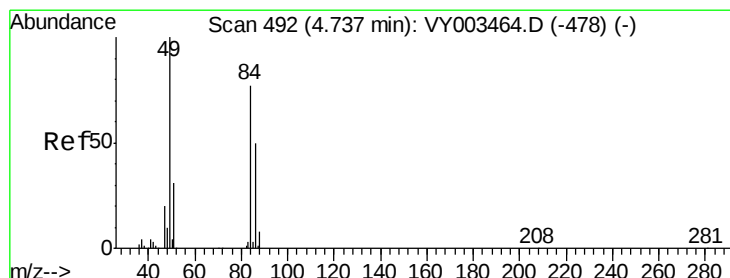
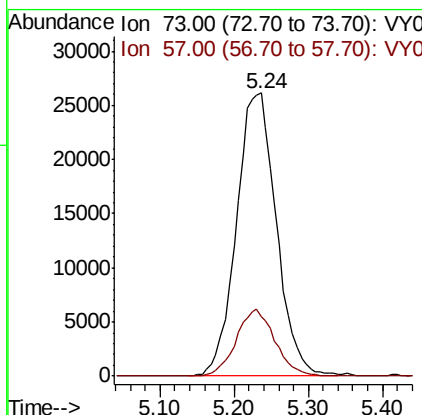
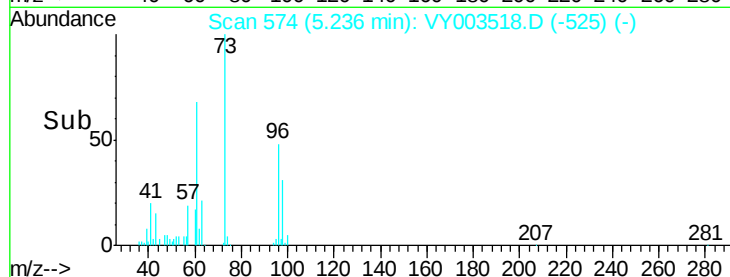
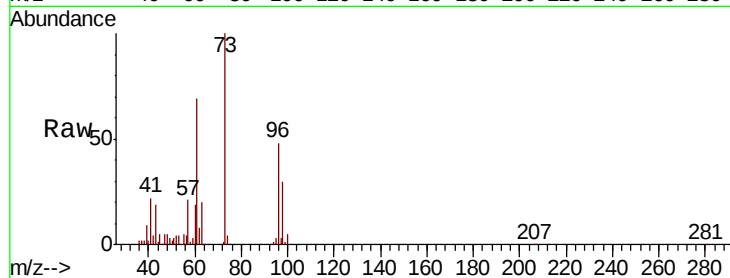
#19
Methvl tert-butvl Ether
Concen: 21.204 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion: 73 Resp: 98170
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8

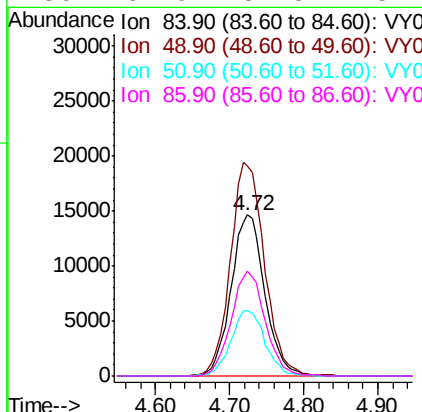
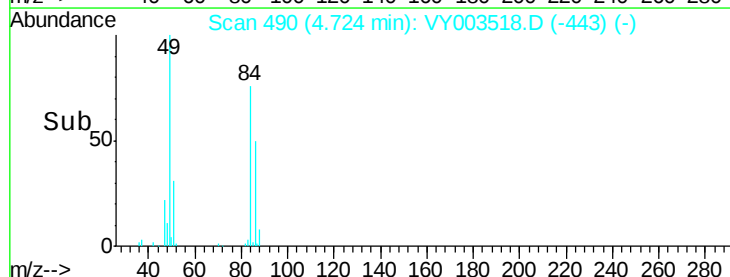
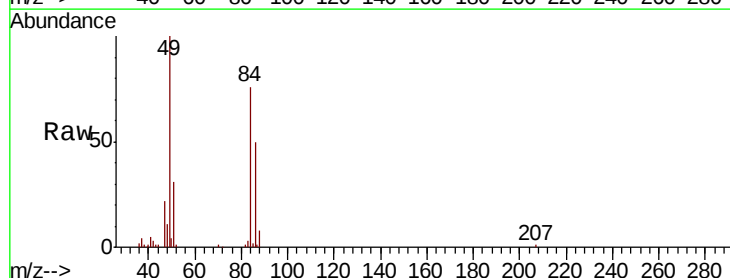
Manual Integrations
APPROVED

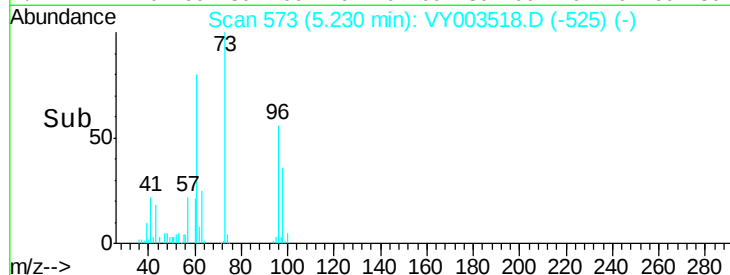
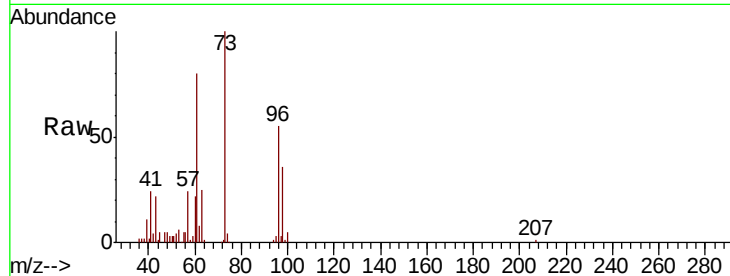
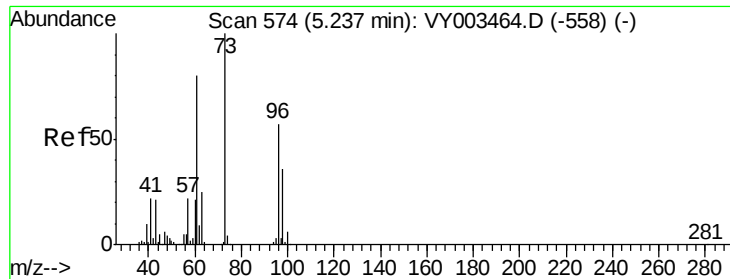
MMDadoda
11/6/2020 9:27:06 AM



#20
Methylene Chloride
Concen: 21.347 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion: 84 Resp: 46568
Ion Ratio Lower Upper
84 100
49 130.8 104.3 156.5
51 40.6 32.5 48.7
86 64.9 52.5 78.7





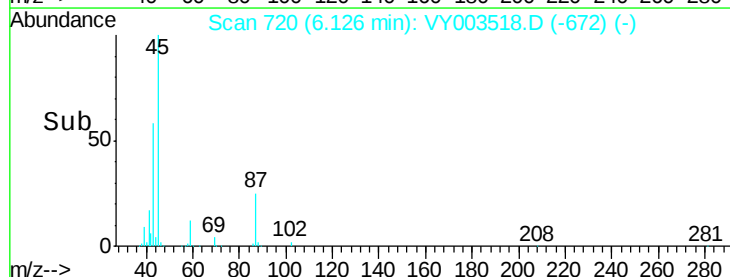
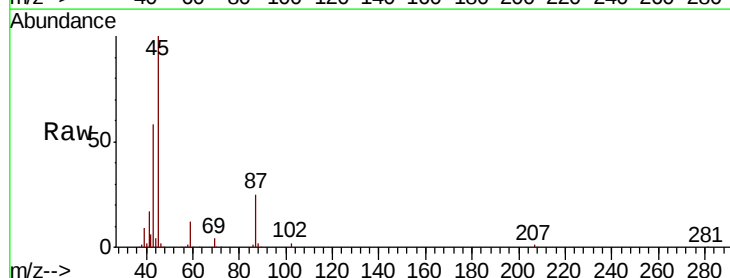
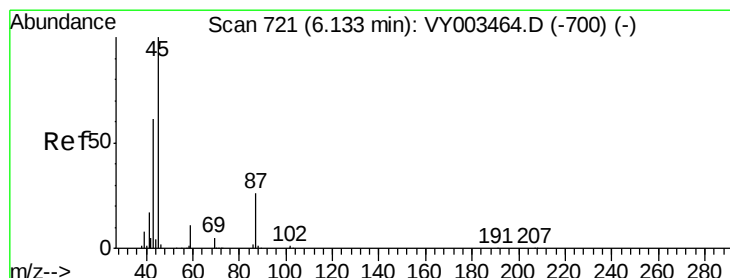
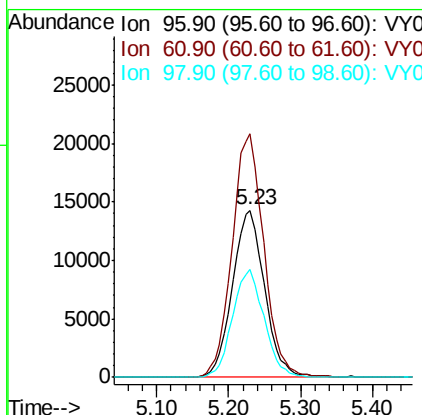
#21
trans-1,2-Dichloroethene
Concen: 20.451 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	111.3	166.9
98	64.5	50.3	75.5

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

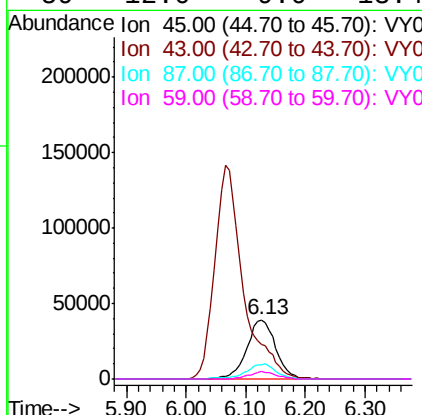
Manual Integrations
APPROVED

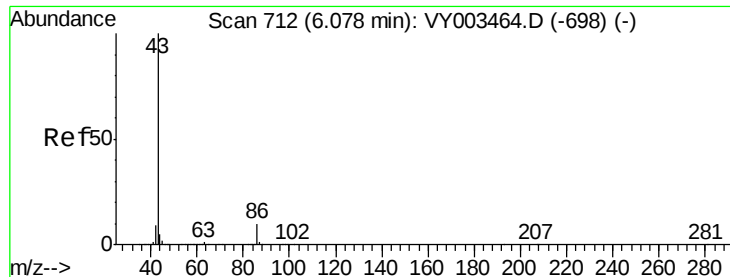
MMDadoda
11/6/2020 9:27:06 AM



#22
Diisopropyl ether
Concen: 22.217 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.7	48.8	73.2
87	24.7	20.6	31.0
59	12.0	9.0	13.4





#23

Vinyl Acetate

Concen: 104.393 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 43 Resp: 469244

Ion Ratio Lower Upper

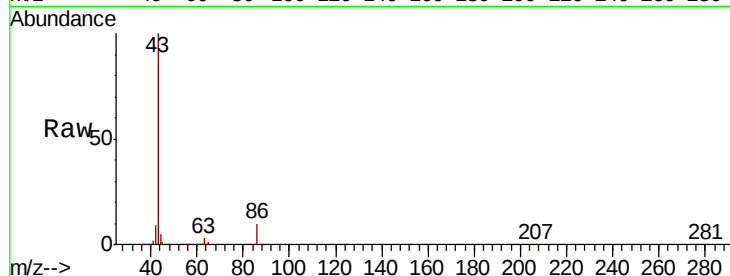
43 100

86 9.9 8.2 12.2

Manual Integrations
APPROVED

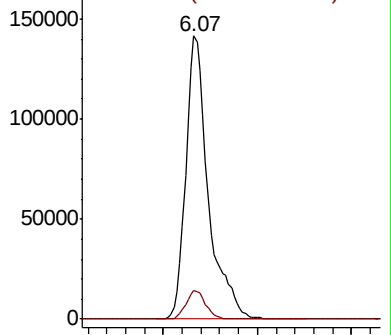
MMDadoda

11/6/2020 9:27:06 AM

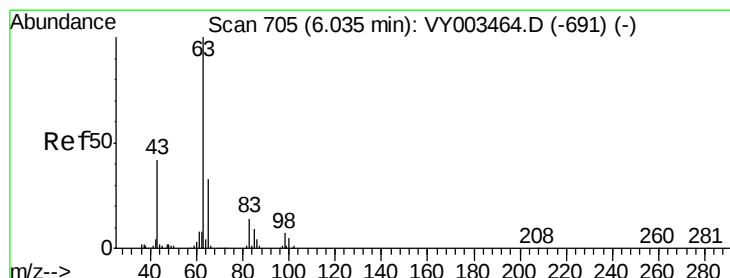
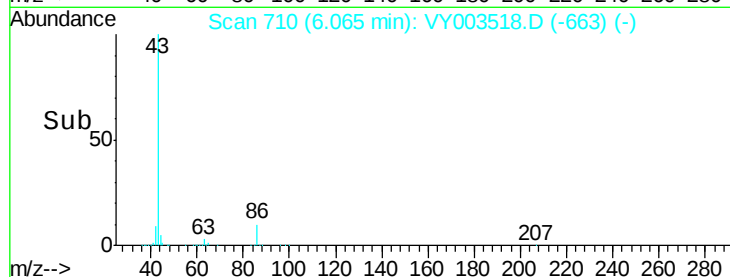


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 21.391 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

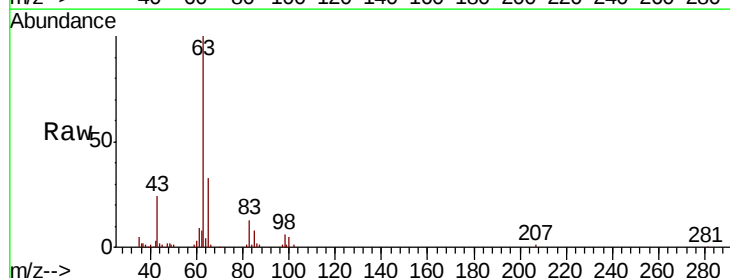
Tgt Ion: 63 Resp: 81310

Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.8

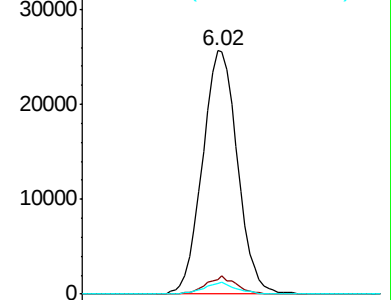
100 4.5 2.3 6.9



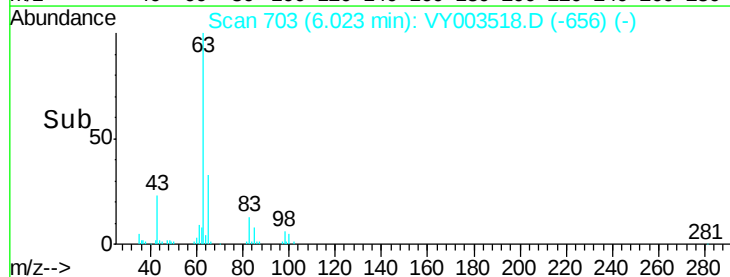
Abundance Ion 62.90 (62.60 to 63.60): VY0

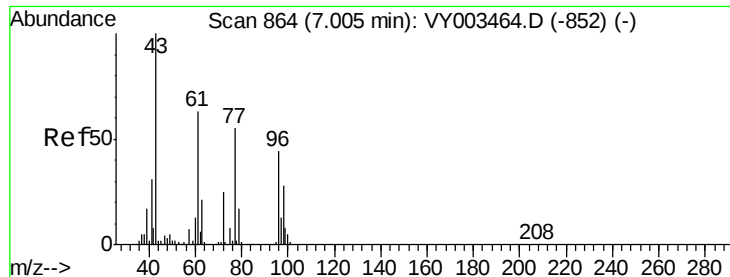
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 93.116 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 43 Resp: 90212

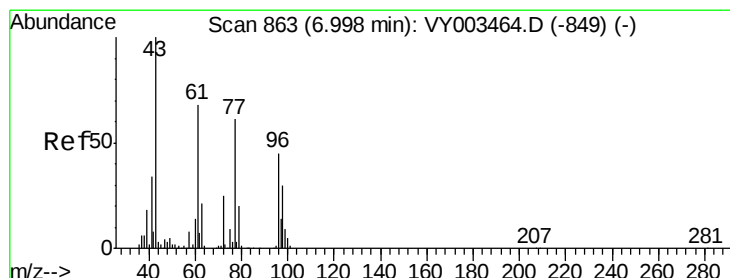
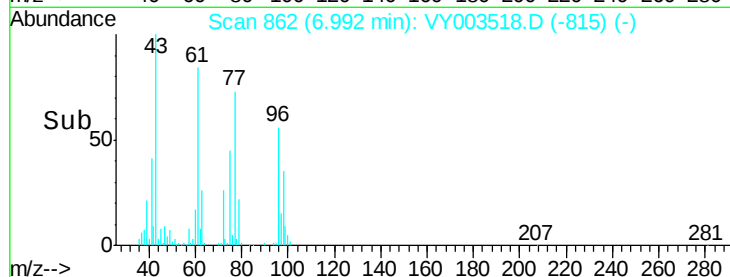
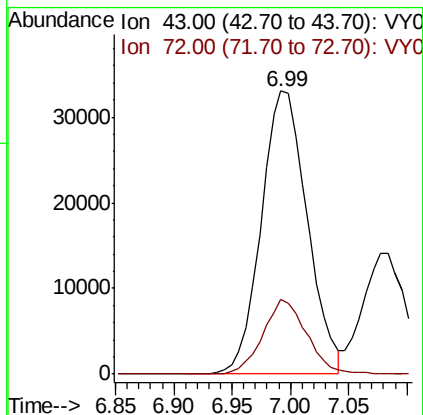
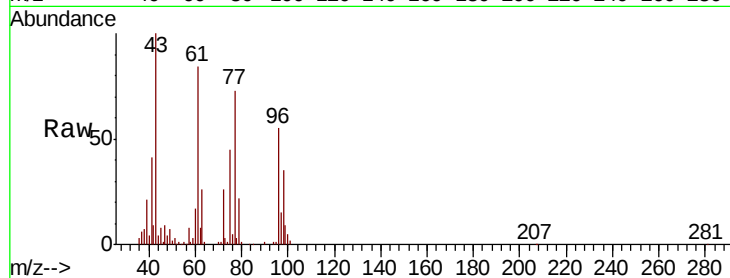
Ion Ratio Lower Upper

43 100

72 26.2 20.1 30.1

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM



#26

2,2-Dichloropropane

Concen: 20.920 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003518.D

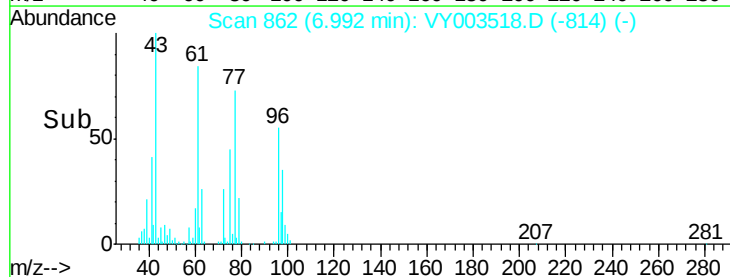
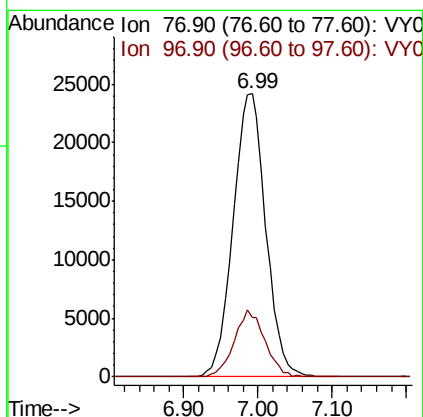
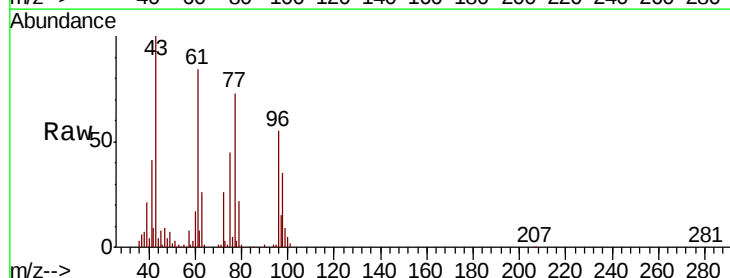
Acq: 05 Nov 2020 11:45

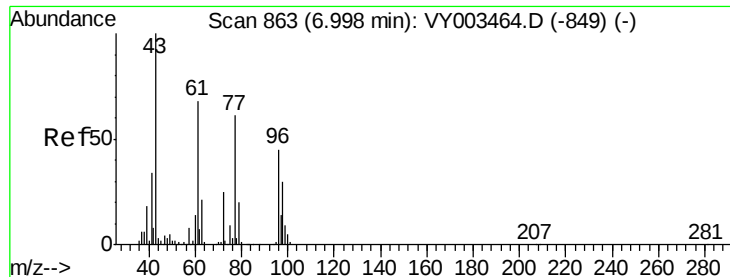
Tgt Ion: 77 Resp: 74081

Ion Ratio Lower Upper

77 100

97 22.1 11.2 33.6





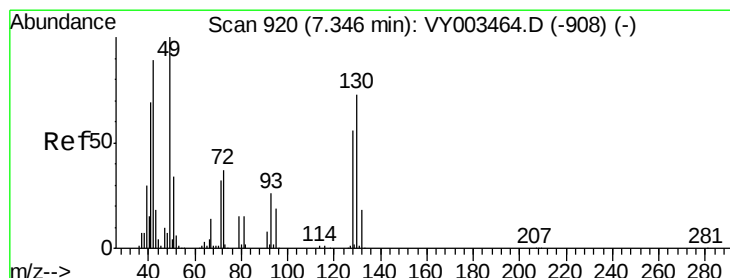
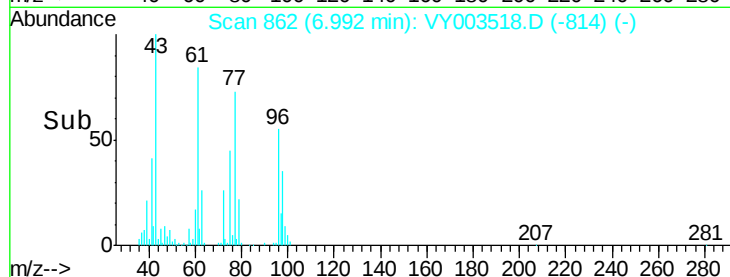
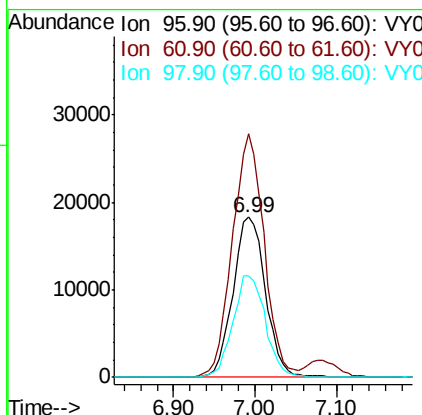
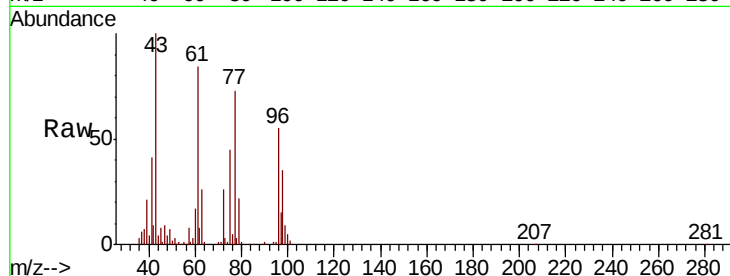
#27
 cis-1,2-Dichloroethene
 Concen: 21.475 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	299.2
98	63.6	0.0	128.6

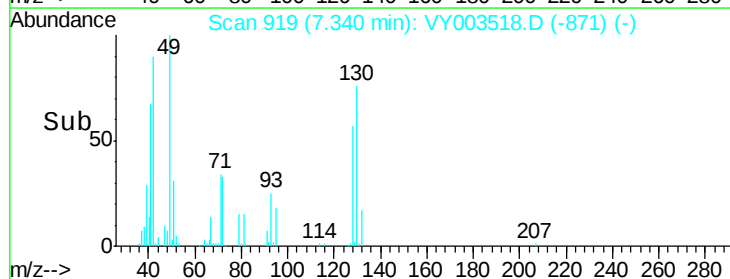
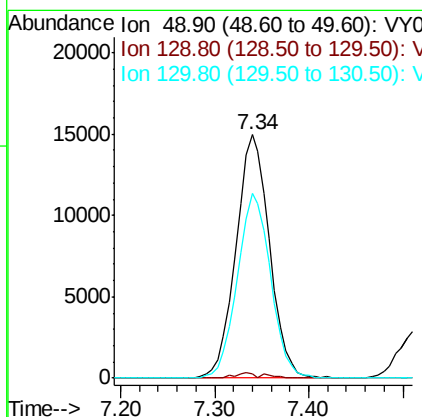
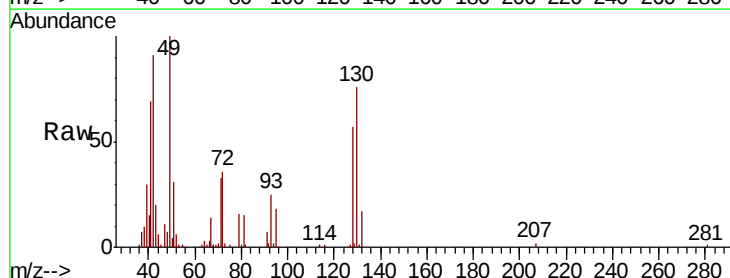
Manual Integrations
 APPROVED

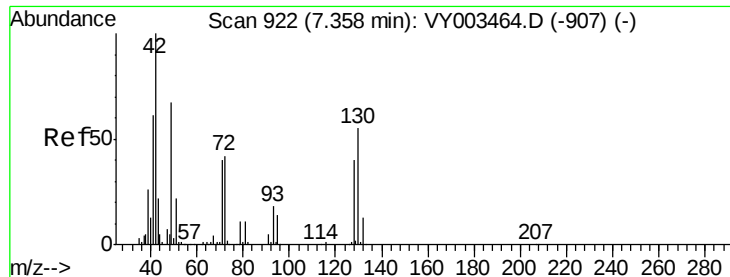
MMDadoda
 11/6/2020 9:27:06 AM



#28
 Bromochloromethane
 Concen: 19.485 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.2
130	75.3	60.0	90.0





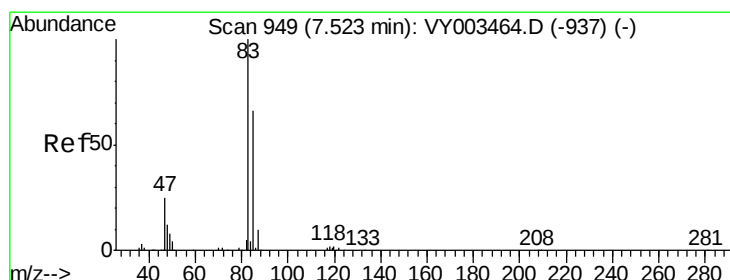
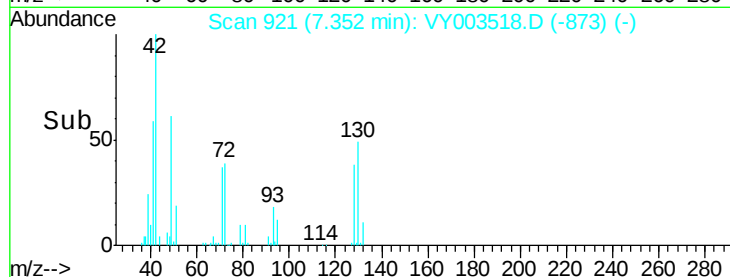
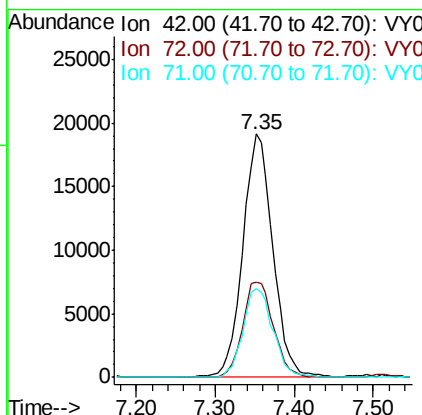
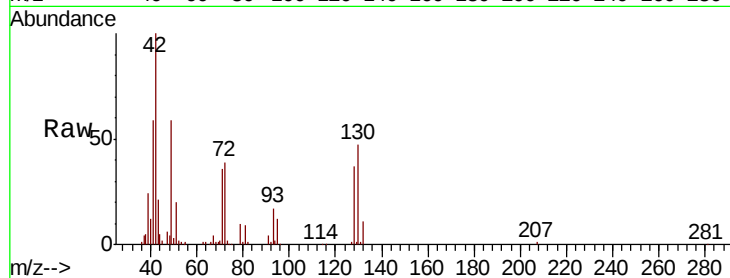
#29
Tetrahydrofuran
Concen: 99.969 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.8	49.2
71	36.5	30.7	46.1

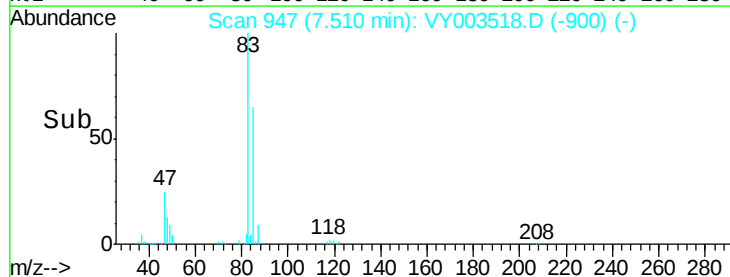
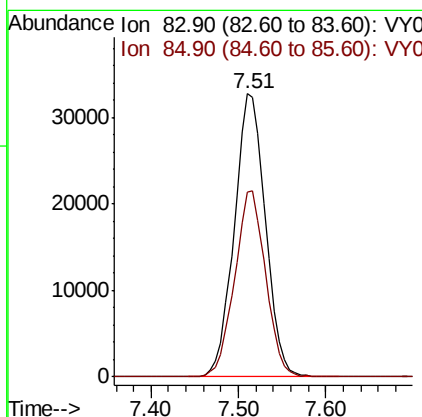
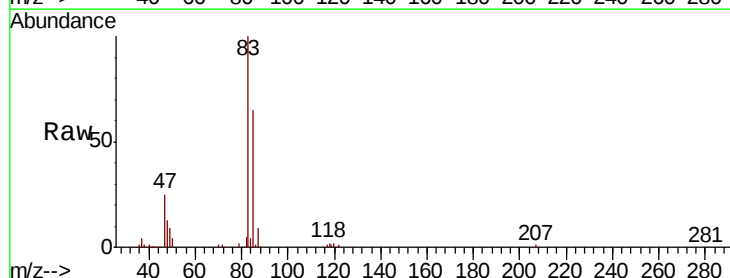
Manual Integrations
APPROVED

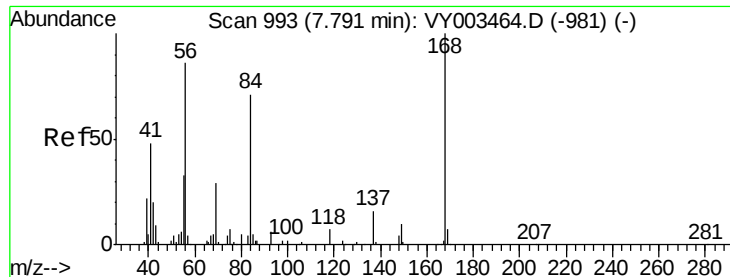
MMDadoda
11/6/2020 9:27:06 AM



#30
Chloroform
Concen: 21.702 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	79.0





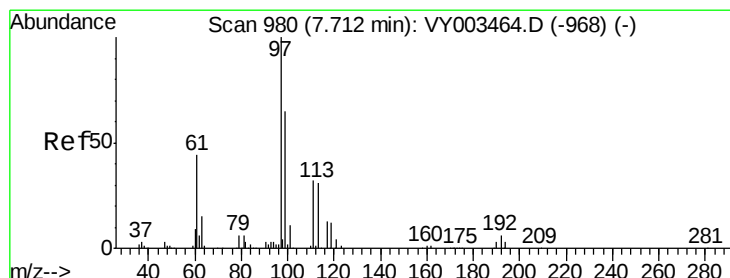
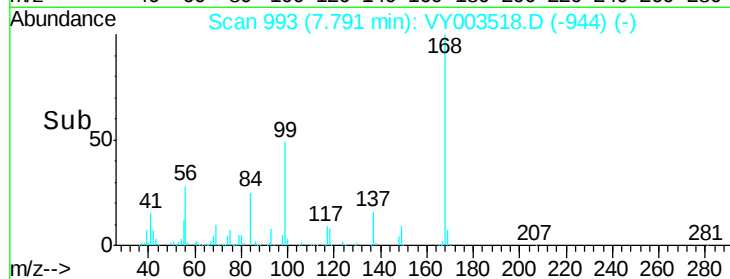
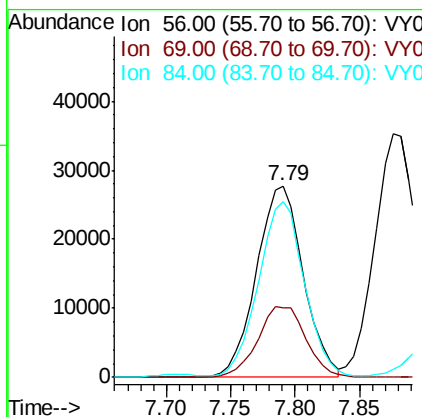
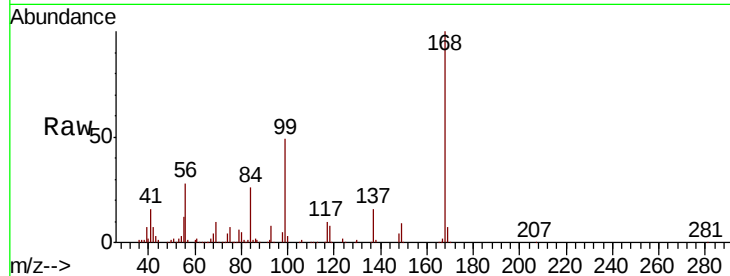
#31
Cyclohexane
Concen: 19.861 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	26.6	39.8
84	90.1	65.9	98.9

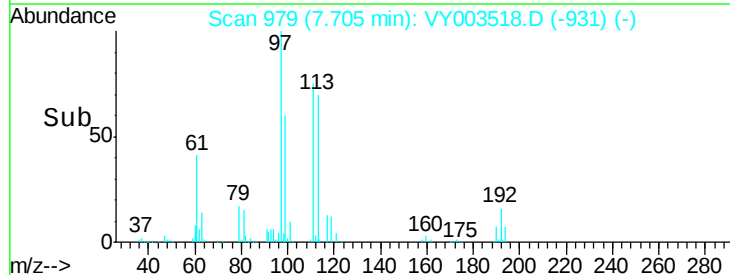
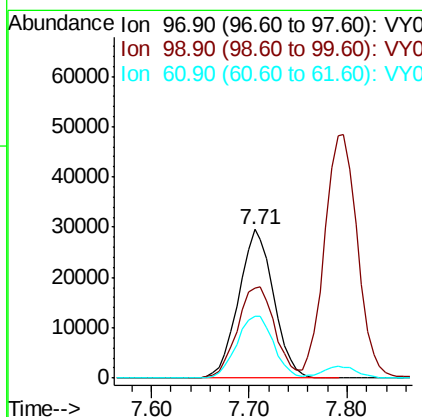
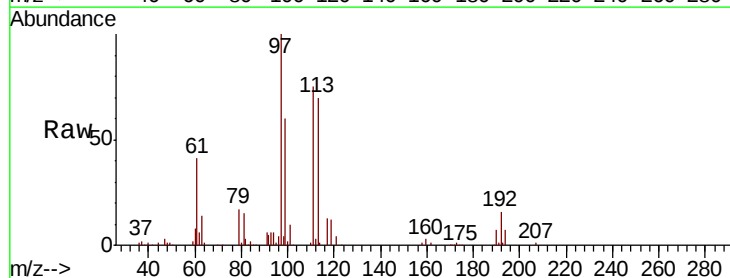
Manual Integrations
APPROVED

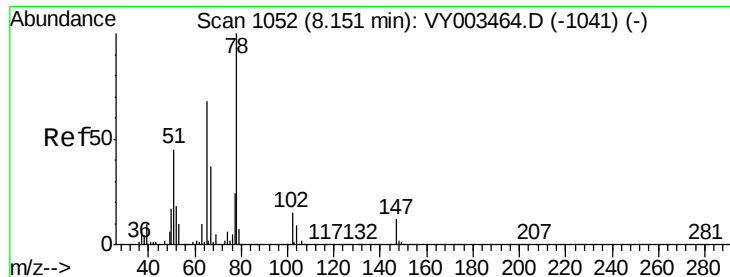
MMDadoda
11/6/2020 9:27:06 AM



#32
1,1,1-Trichloroethane
Concen: 21.107 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.6	77.4
61	44.0	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 48.756 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 65 Resp: 114485

Ion Ratio Lower Upper

65 100

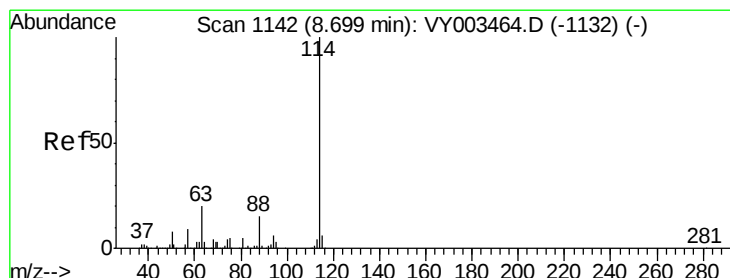
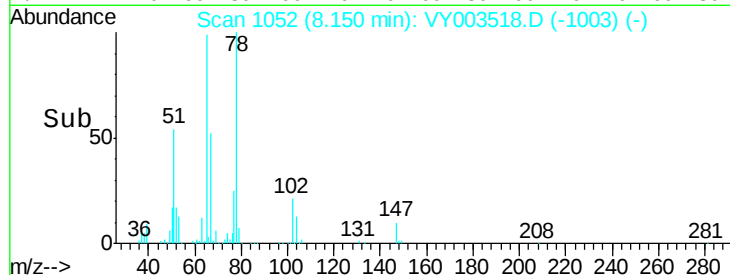
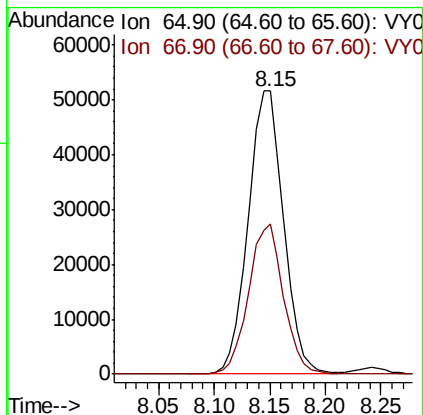
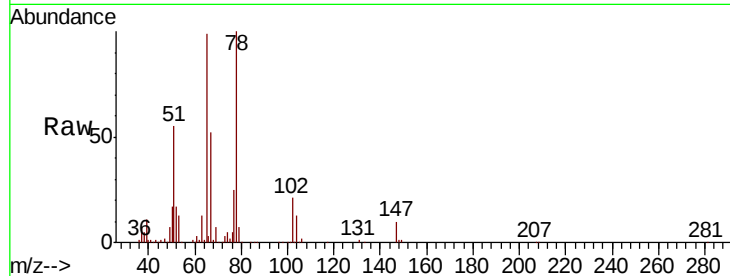
67 52.4 0.0 106.0

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:27:06 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

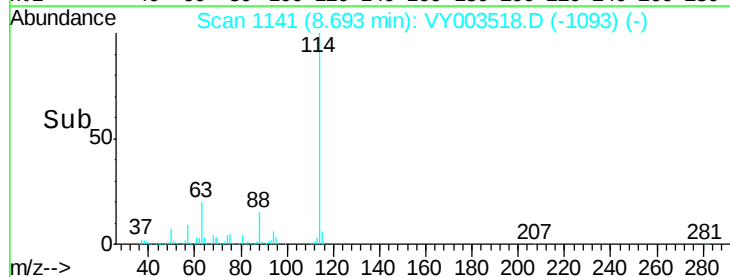
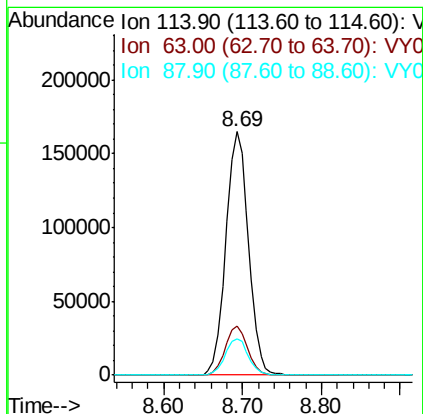
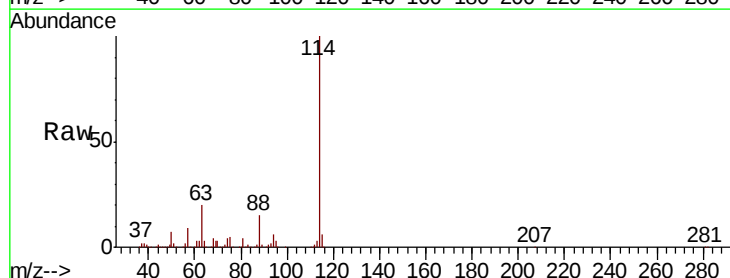
Tgt Ion: 114 Resp: 327719

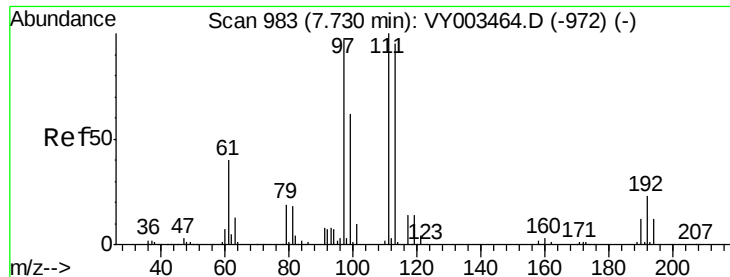
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 15.0 0.0 29.4





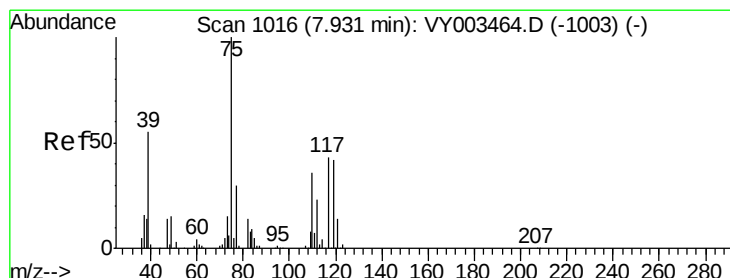
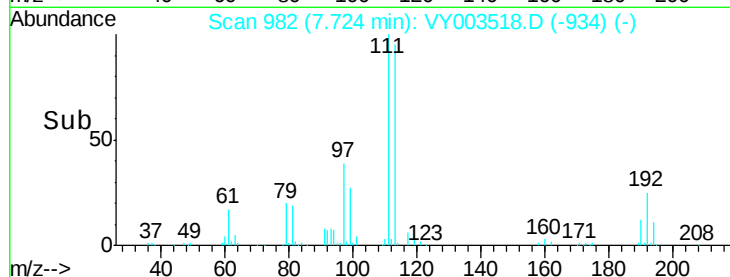
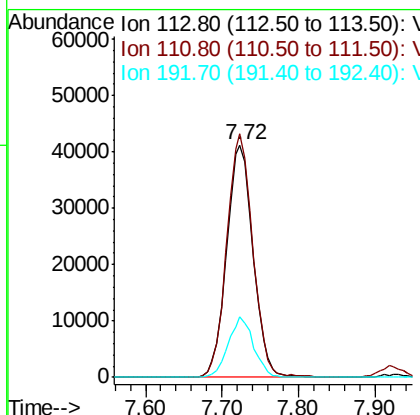
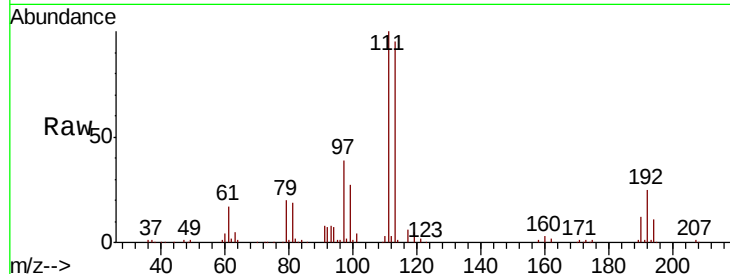
#35
 Dibromofluoromethane
 Concen: 49.319 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	98355		
111	103.1		81.8	122.6
192	24.8		18.8	28.2

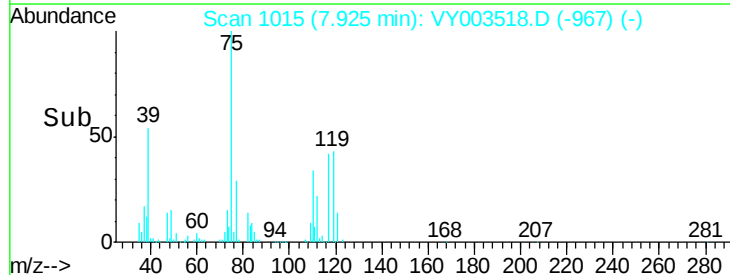
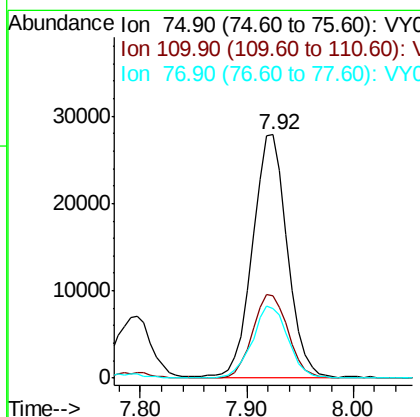
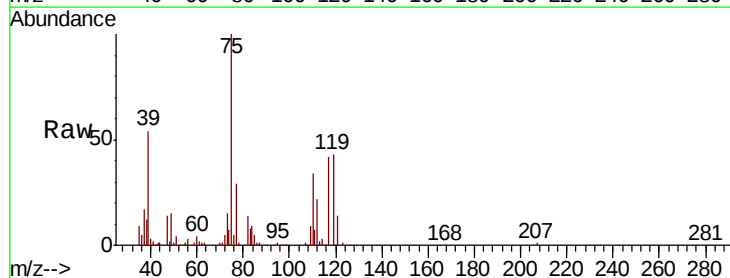
Manual Integrations
 APPROVED

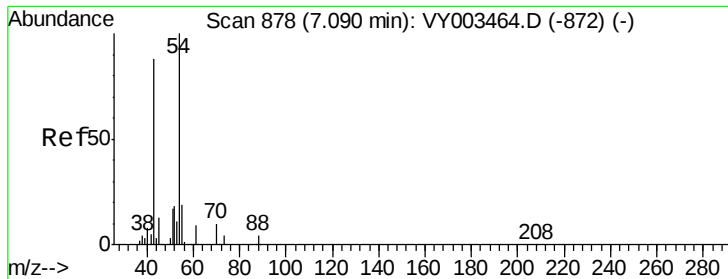
MMDadoda
 11/6/2020 9:27:06 AM



#36
 1,1-Dichloropropene
 Concen: 20.550 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	63498		
110	35.3		17.6	52.9
77	30.8		24.7	37.1





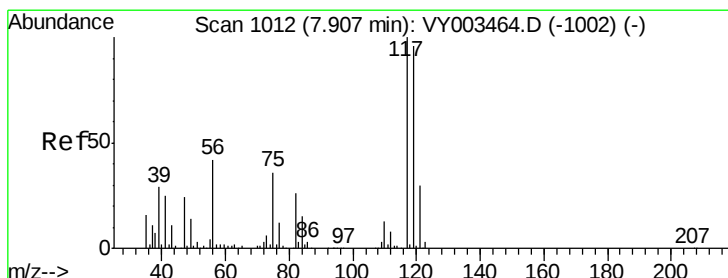
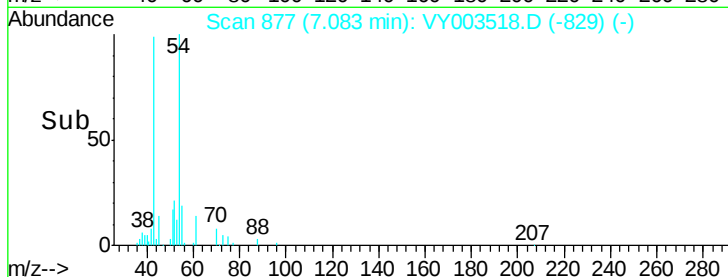
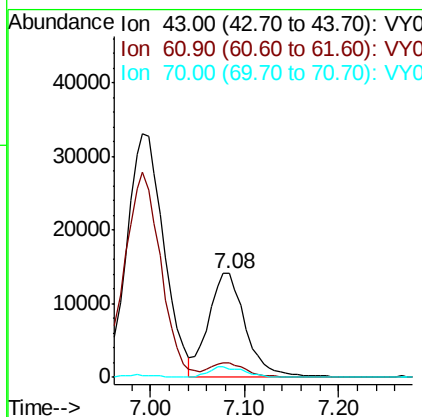
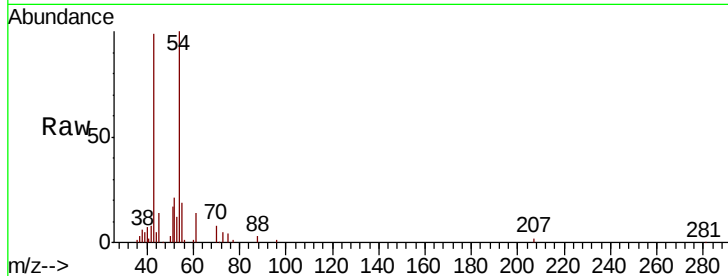
#37
Ethyl Acetate
Concen: 19.782 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	43	Resp	37956
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.0	16.6
70	9.7	7.9	11.9

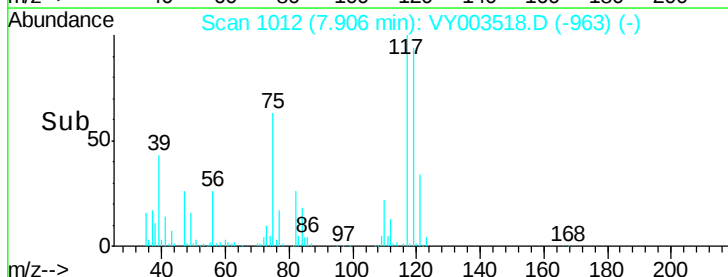
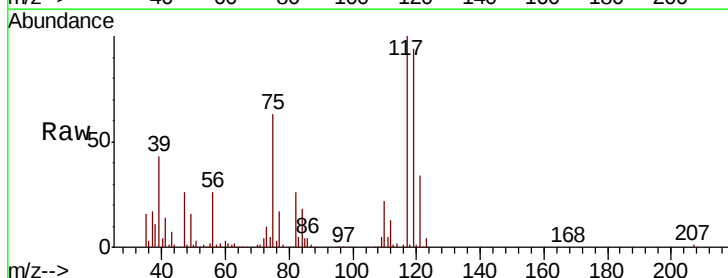
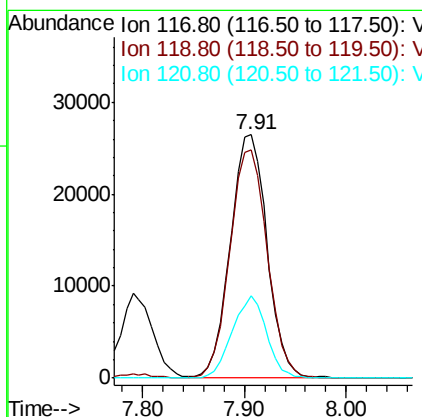
Manual Integrations
APPROVED

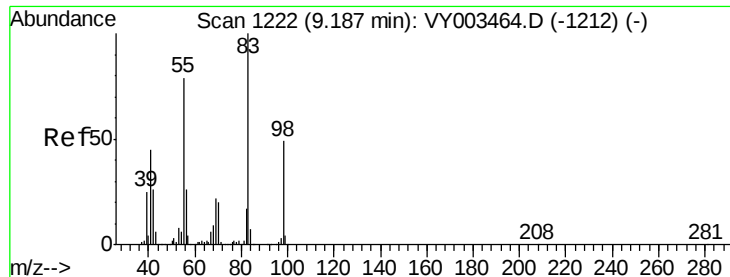
MMDadoda
11/6/2020 9:27:06 AM



#38
Carbon Tetrachloride
Concen: 20.627 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	117	Resp	66120
Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.2	114.4
121	33.7	24.2	36.4





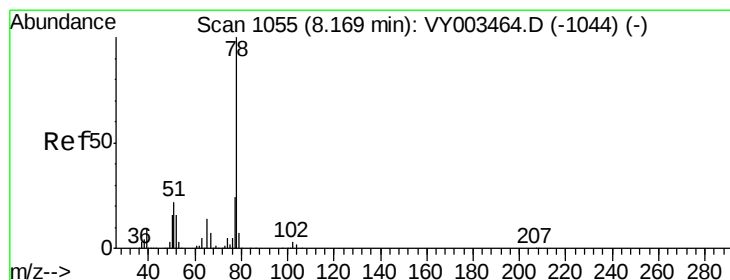
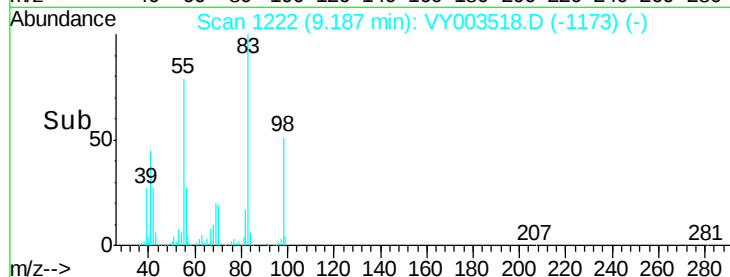
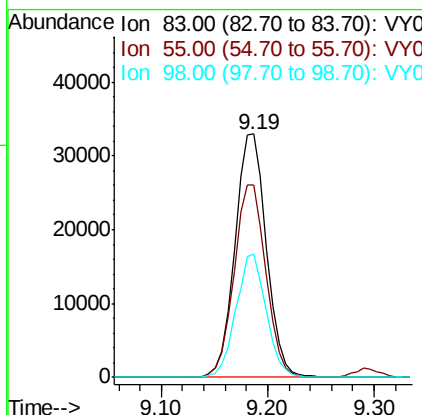
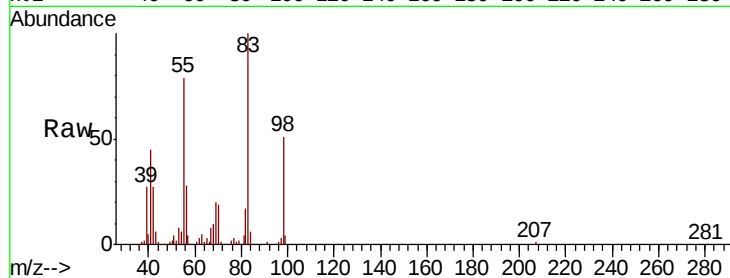
#39
Methvlcvclohexane
Concen: 19.848 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	63.5	95.3
98	50.5	39.4	59.2

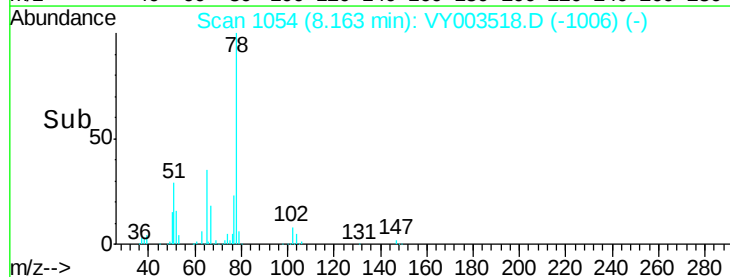
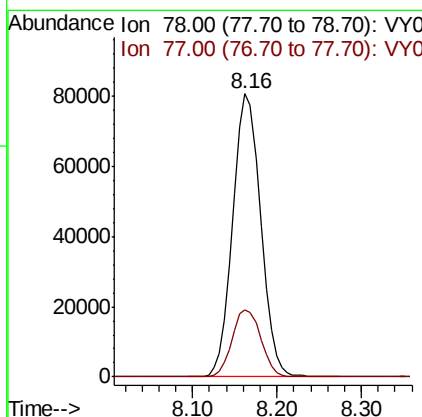
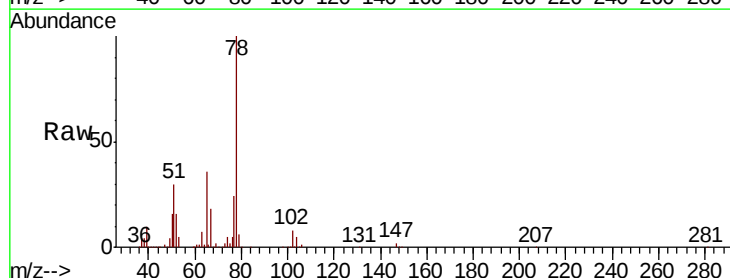
Manual Integrations
APPROVED

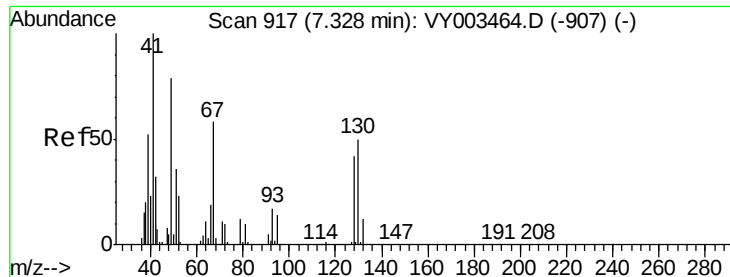
MMDadoda
11/6/2020 9:27:06 AM



#40
Benzene
Concen: 21.097 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.0





#41

Methacrylonitrile

Concen: 22.689 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 41 Resp: 23247

Ion Ratio Lower Upper

41 100

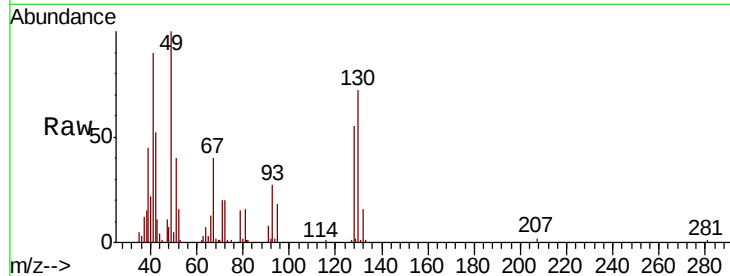
39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM

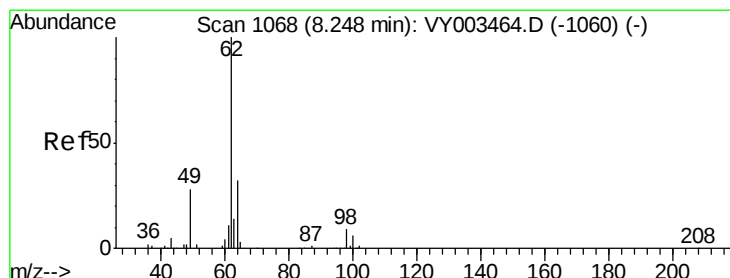
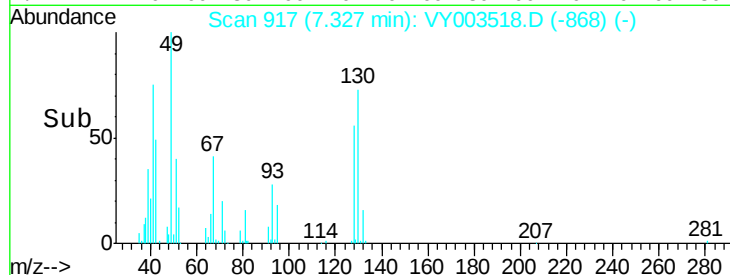
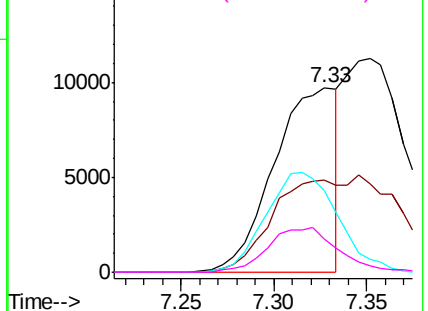


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 21.282 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY003518.D

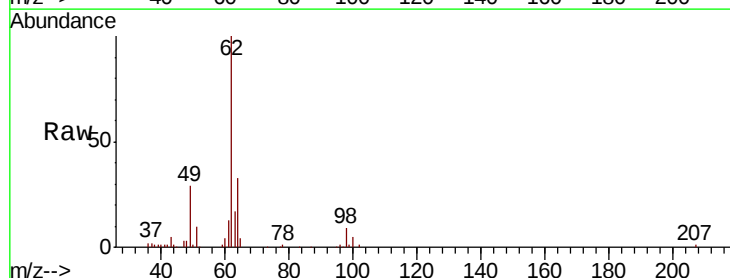
Acq: 05 Nov 2020 11:45

Tgt Ion: 62 Resp: 57341

Ion Ratio Lower Upper

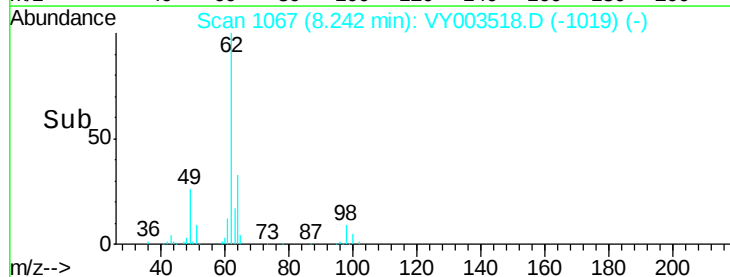
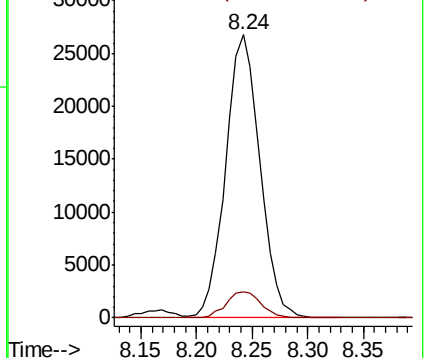
62 100

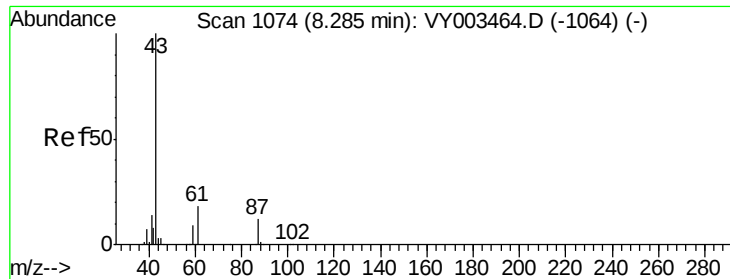
98 9.3 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





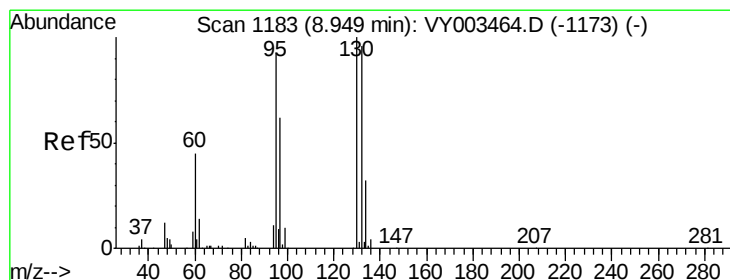
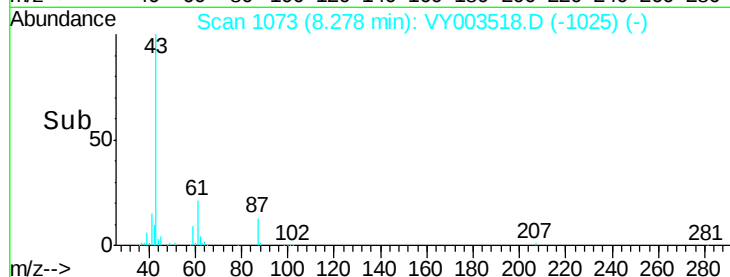
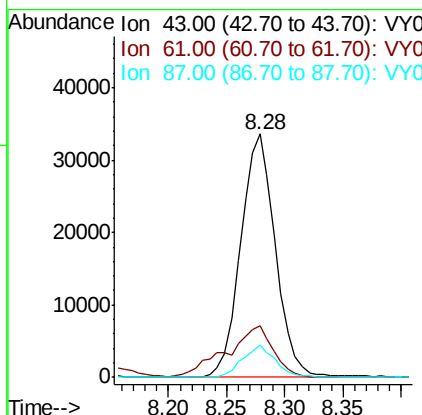
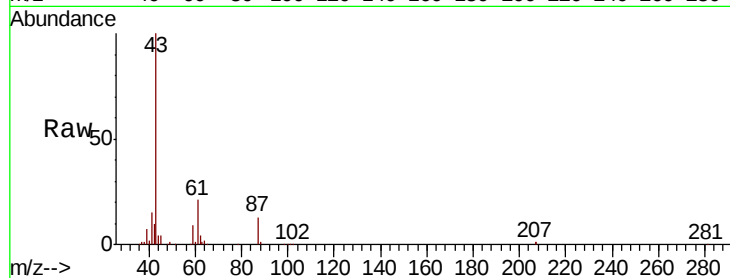
#43
Isopropyl Acetate
Concen: 20.180 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.7	21.9	32.9
87	12.7	10.0	15.0

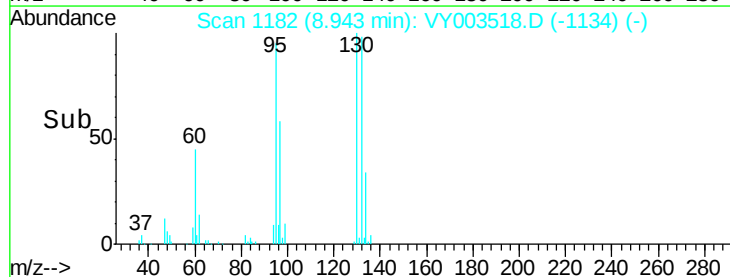
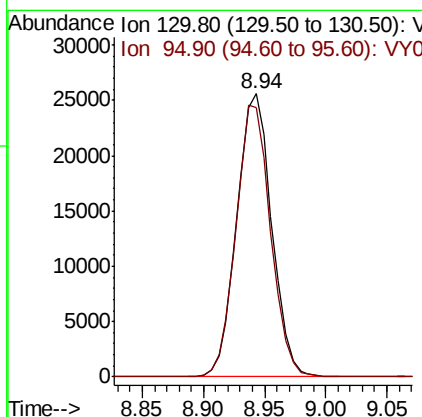
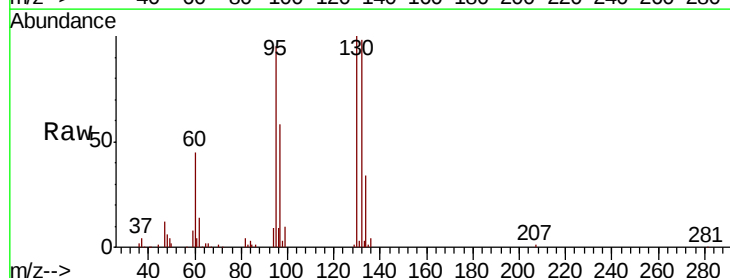
Manual Integrations
APPROVED

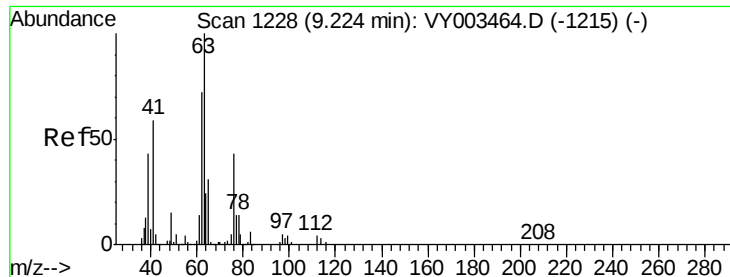
MMDadoda
11/6/2020 9:27:06 AM



#44
Trichloroethene
Concen: 20.990 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	186.6





#45

1,2-Dichloropropane

Concen: 21.545 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 63 Resp: 46785

Ion Ratio Lower Upper

63 100

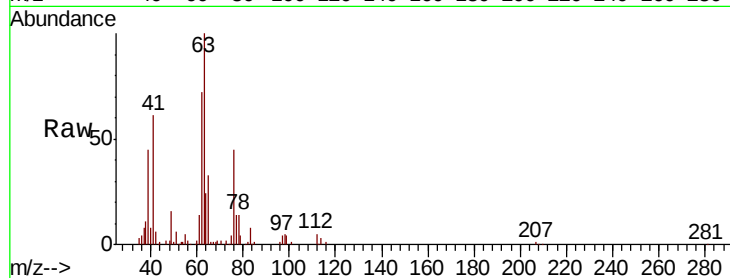
65 32.9 24.6 36.8

Manual Integrations

APPROVED

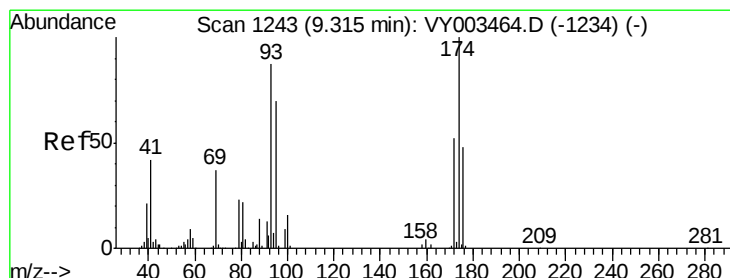
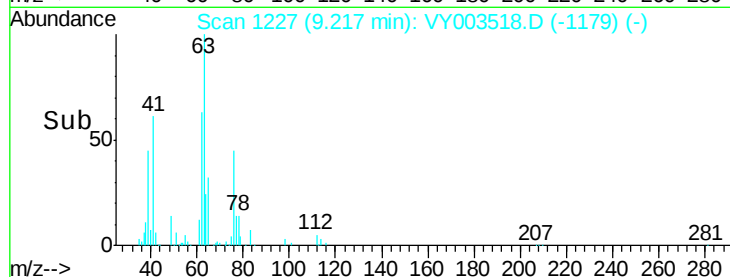
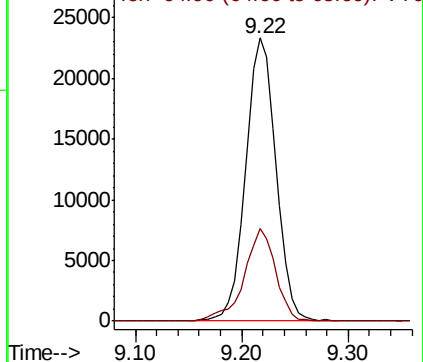
MMDadoda

11/6/2020 9:27:06 AM



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.309 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

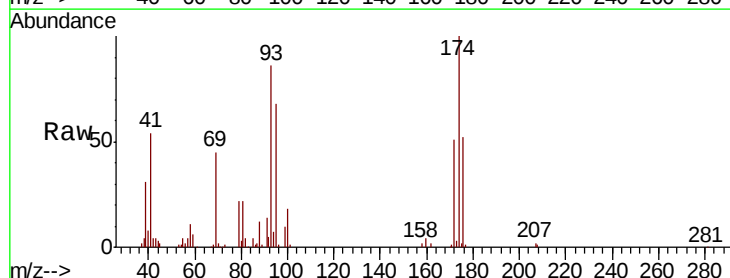
Tgt Ion: 93 Resp: 25457

Ion Ratio Lower Upper

93 100

95 84.4 65.0 97.6

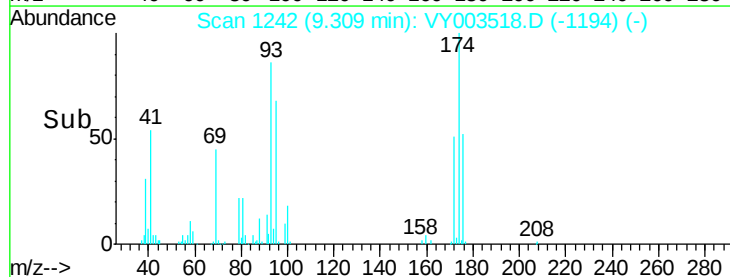
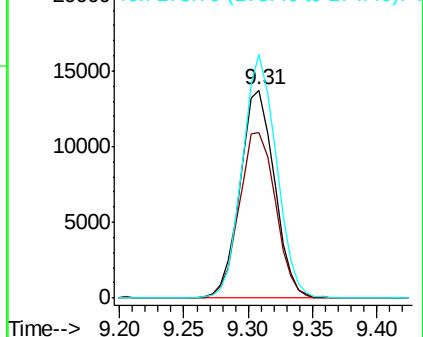
174 115.8 91.8 137.6

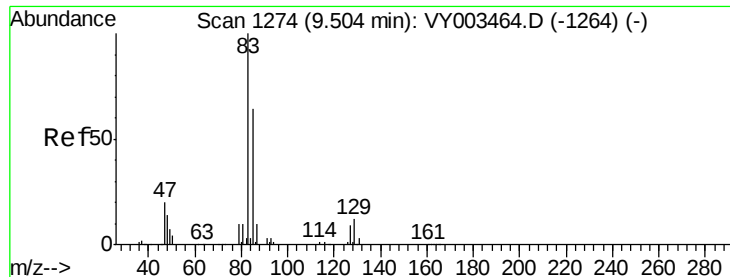


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.874 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

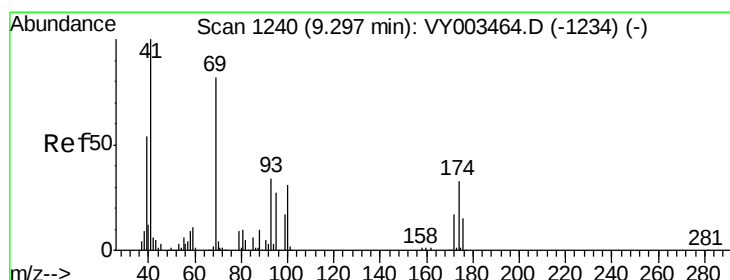
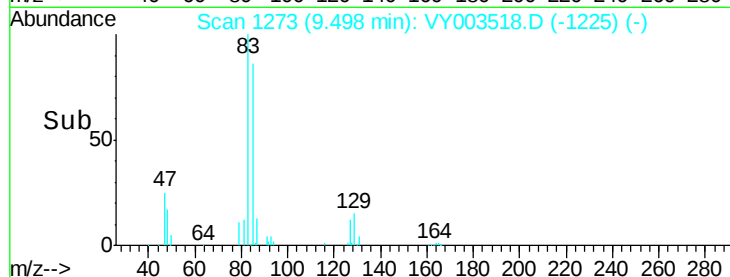
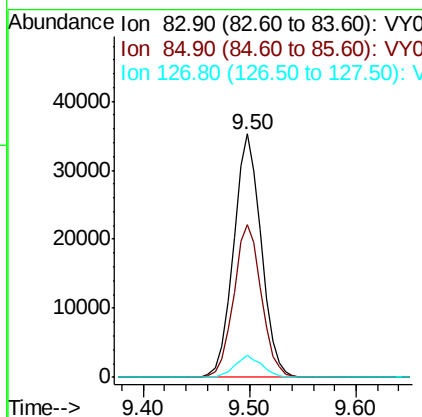
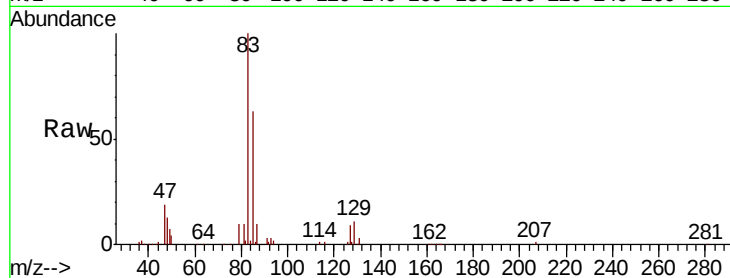
ClientSampleId :

VY1105SBS01

Tot Ion:	83	Resp:	63962
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.0	76.6
127	9.0	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM



#48

Methyl methacrylate

Concen: 19.689 ug/l

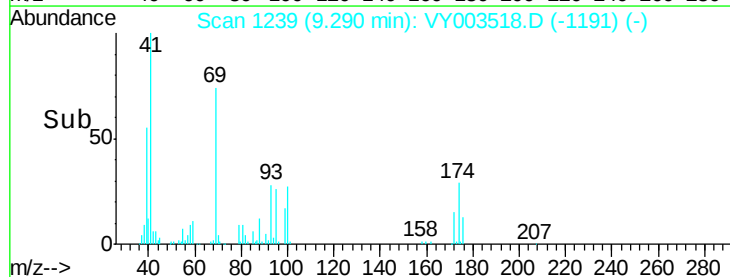
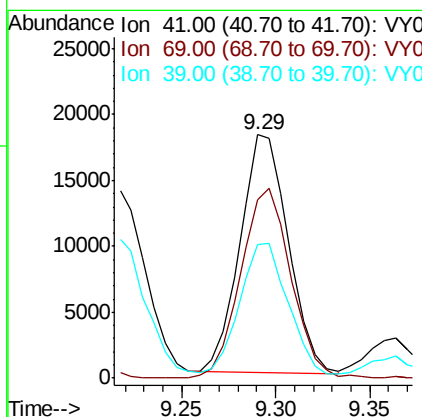
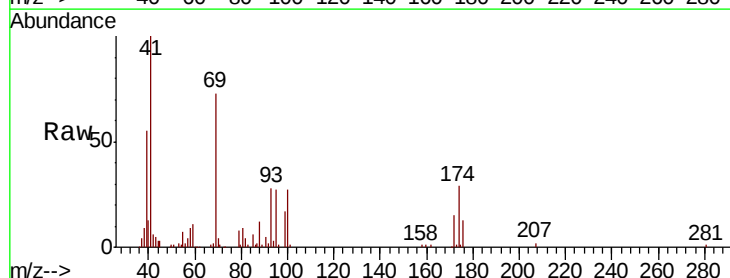
RT: 9.29 min Scan# 1239

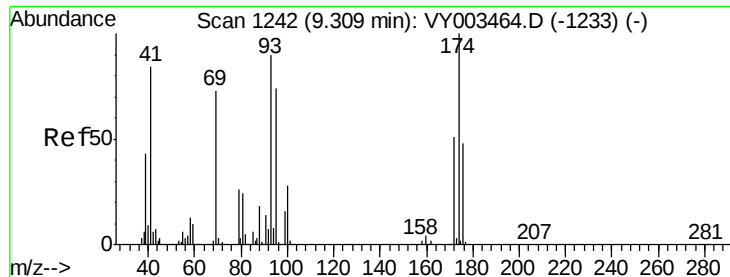
Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Tgt Ion:	41	Resp:	31981
Ion Ratio	Lower	Upper	
41	100		
69	83.3	65.9	98.9
39	58.8	43.2	64.8





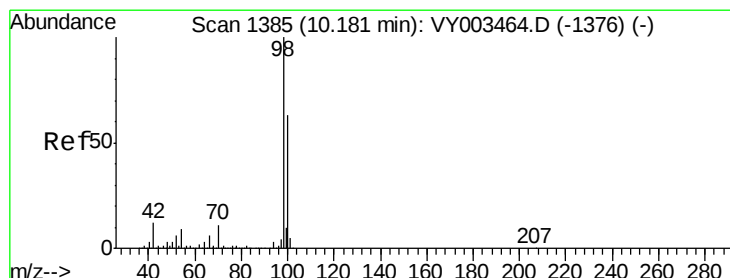
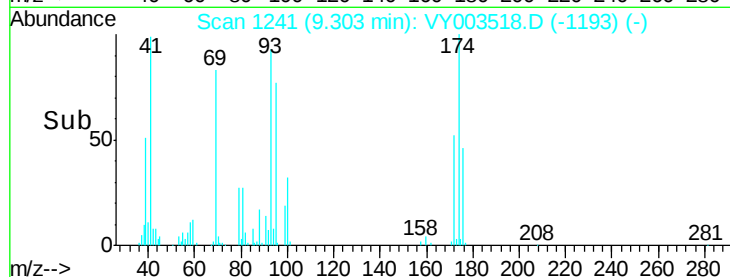
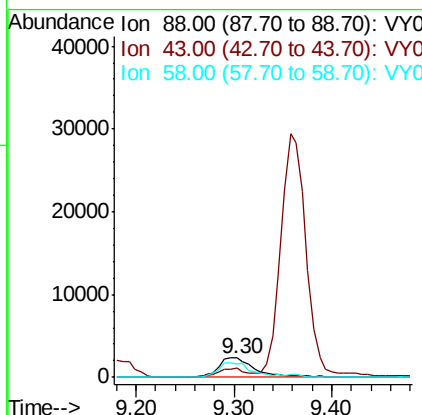
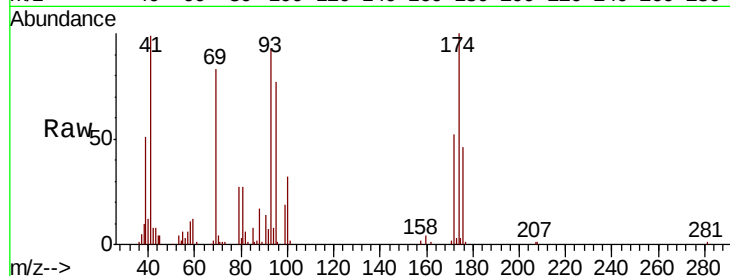
#49
1,4-Dioxane
Concen: 413.708 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.4	27.6	41.4
58	65.8	54.2	81.2

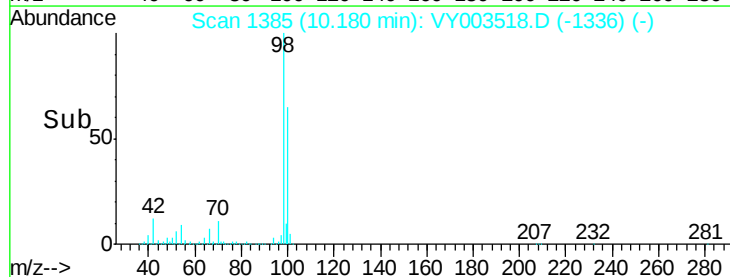
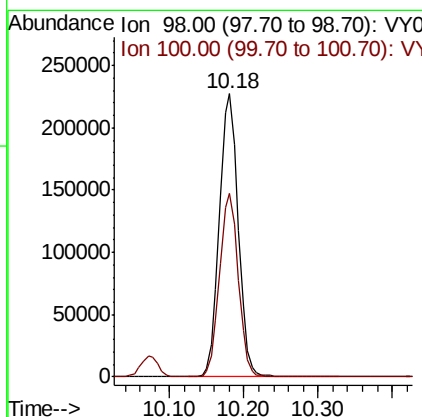
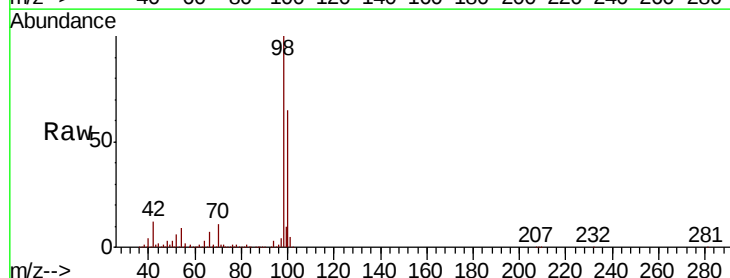
Manual Integrations
APPROVED

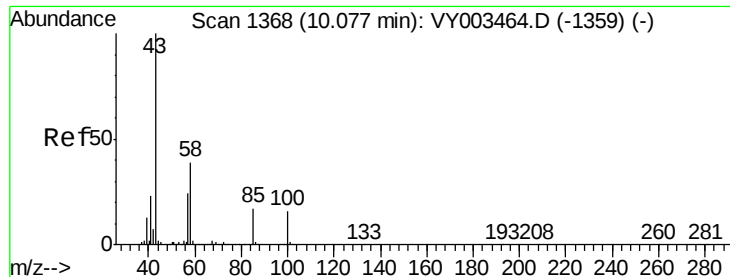
MMDadoda
11/6/2020 9:27:06 AM



#50
Toluene-d8
Concen: 48.062 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 101.818 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 43 Resp: 187060

Ion Ratio Lower Upper

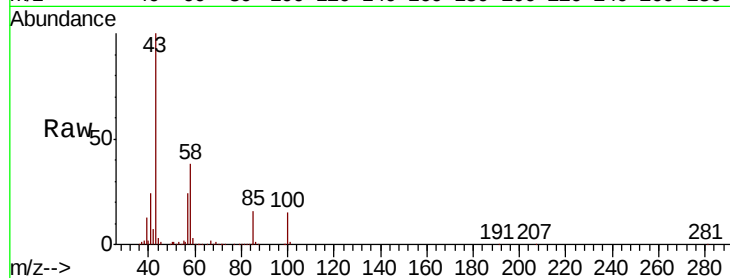
43 100

58 38.0 31.0 46.4

Manual Integrations
APPROVED

MMDadoda

11/6/2020 9:27:06 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

120000

100000

80000

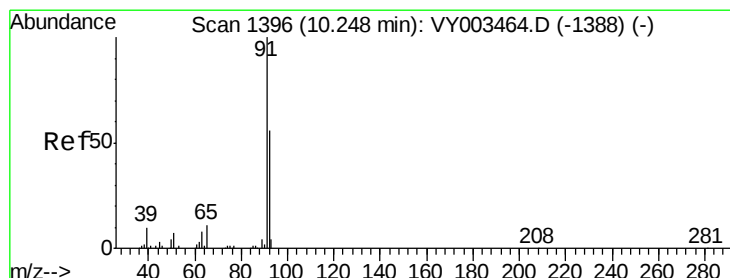
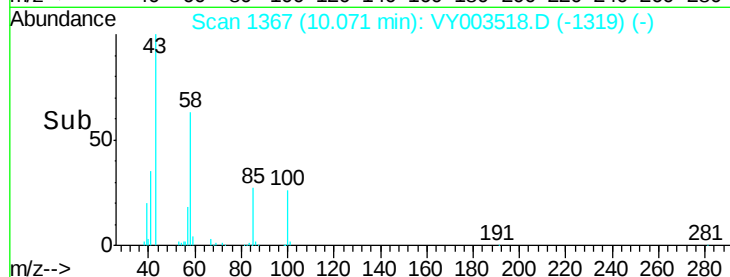
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 21.447 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY003518.D

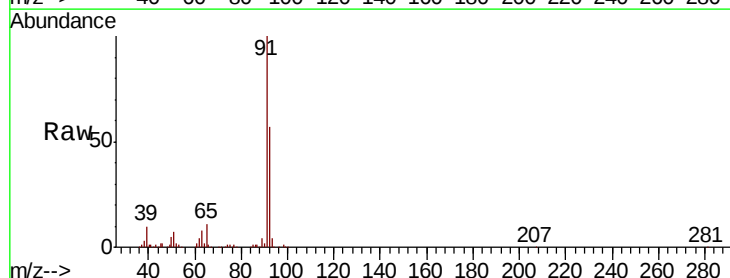
Acq: 05 Nov 2020 11:45

Tgt Ion: 92 Resp: 115348

Ion Ratio Lower Upper

92 100

91 174.0 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

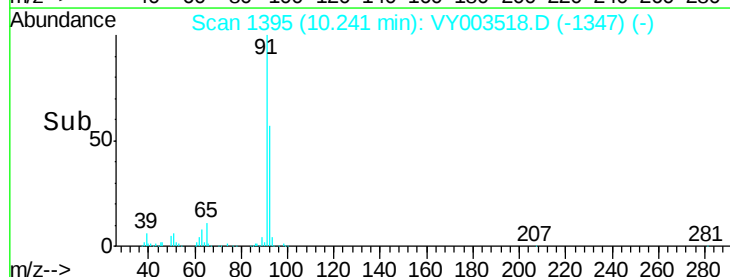
10.24

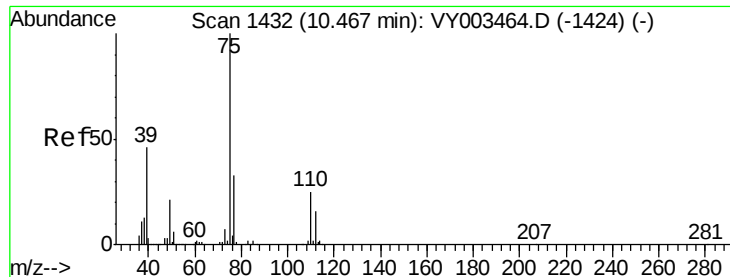
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.376 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 75 Resp: 66518

Ion Ratio Lower Upper

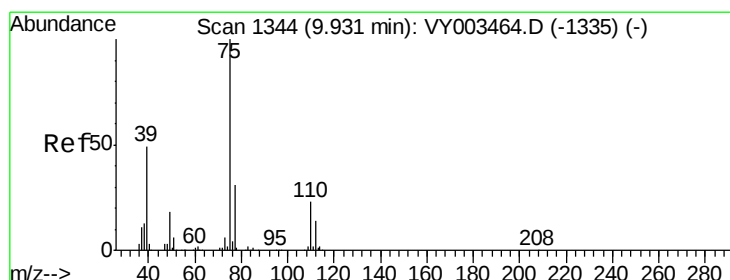
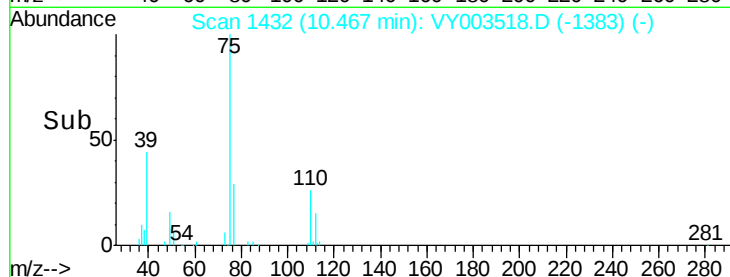
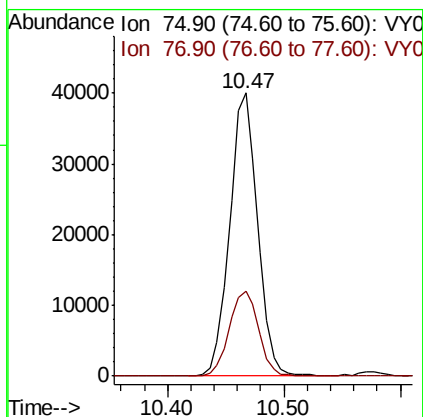
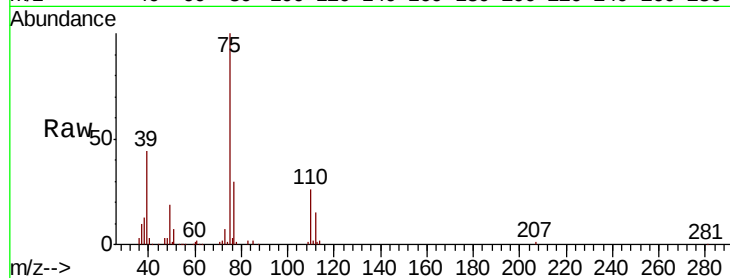
75 100

77 29.9 26.2 39.4

Manual Integrations
APPROVED

MMDadoda

11/6/2020 9:27:06 AM



#54

cis-1,3-Dichloropropene

Concen: 21.303 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

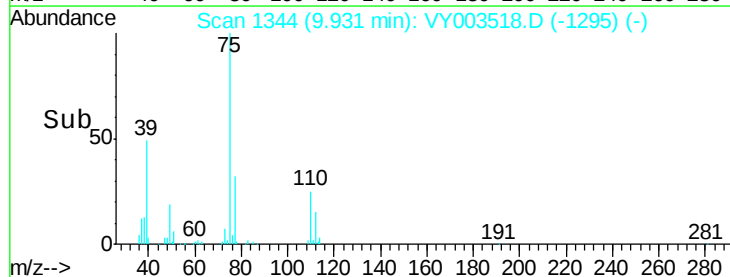
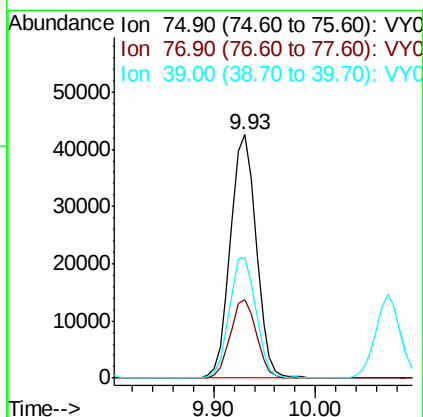
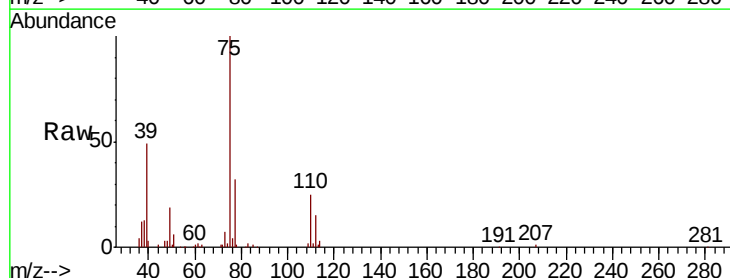
Tgt Ion: 75 Resp: 74597

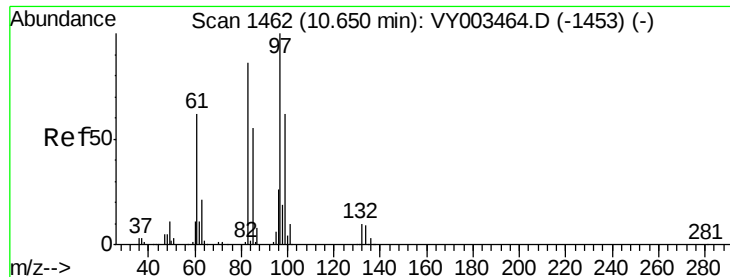
Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7

39 49.4 39.0 58.4





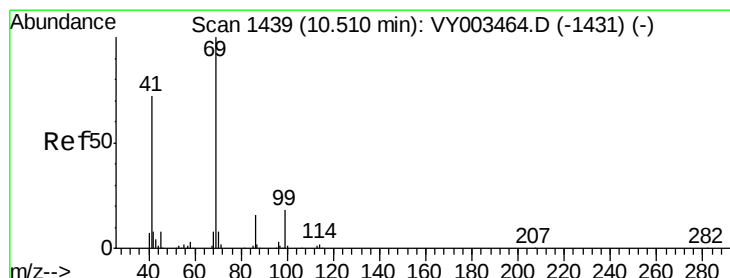
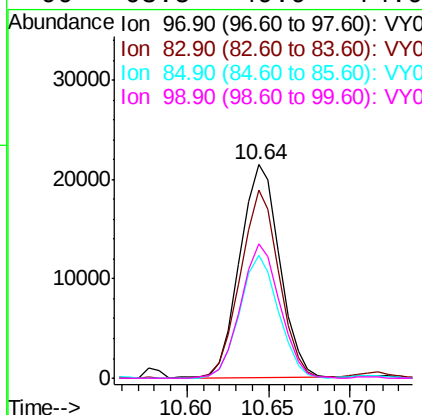
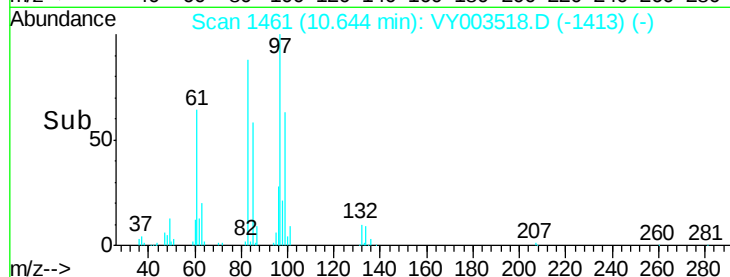
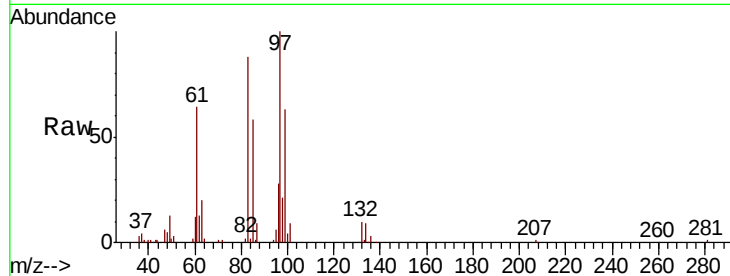
#55
 1,1,2-Trichloroethane
 Concen: 21.451 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion:	97	Resp:	36378
Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.6	102.8
85	57.9	43.8	65.6
99	63.5	49.9	74.9

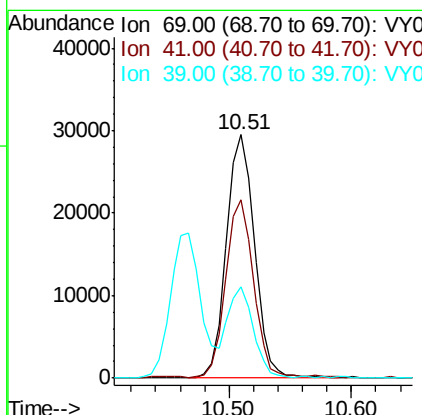
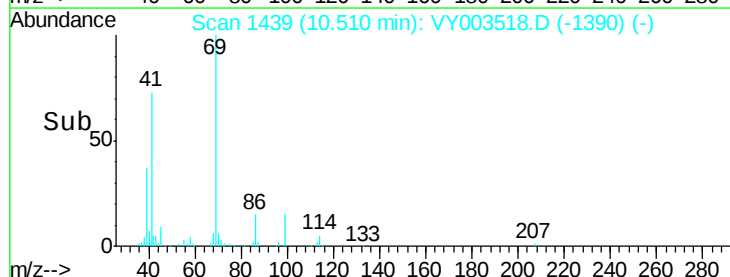
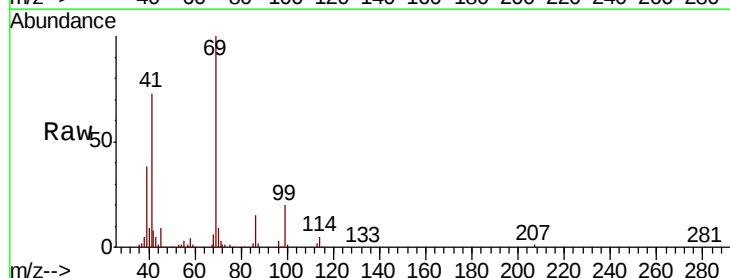
Manual Integrations
 APPROVED

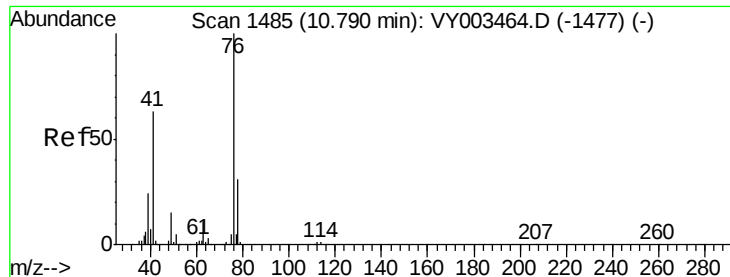
MMDadoda
 11/6/2020 9:27:06 AM



#56
 Ethyl methacrylate
 Concen: 20.664 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion:	69	Resp:	46939
Ion	Ratio	Lower	Upper
69	100		
41	72.1	55.4	83.2
39	34.0	28.7	43.1





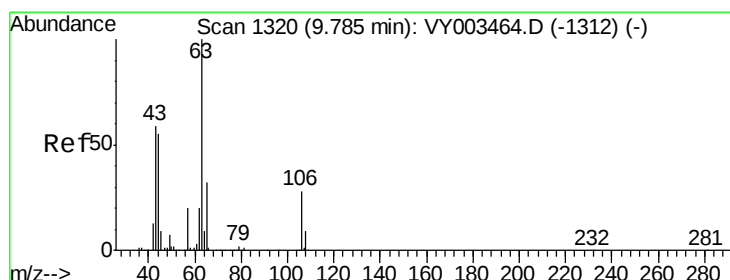
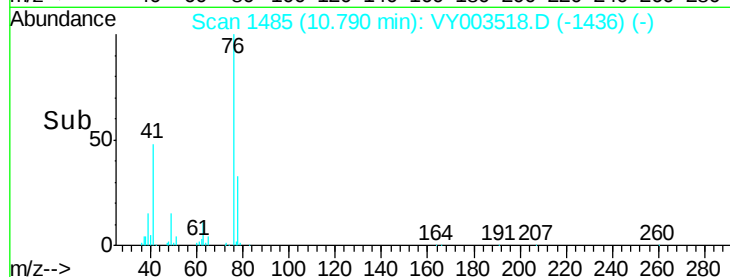
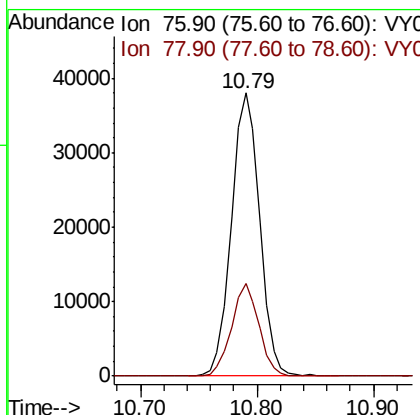
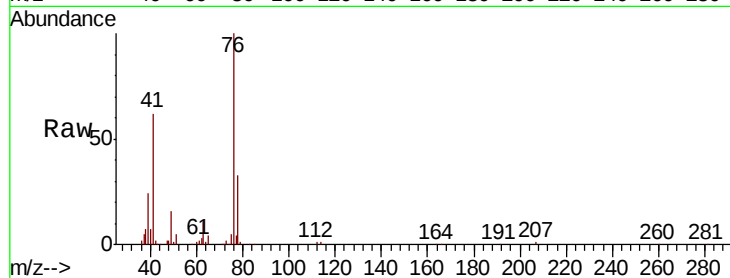
#57
 1,3-Dichloropropane
 Concen: 21.762 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.8	38.8

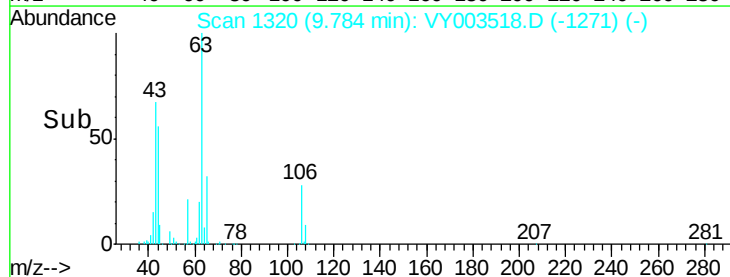
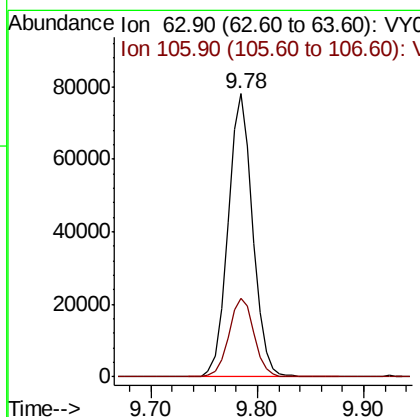
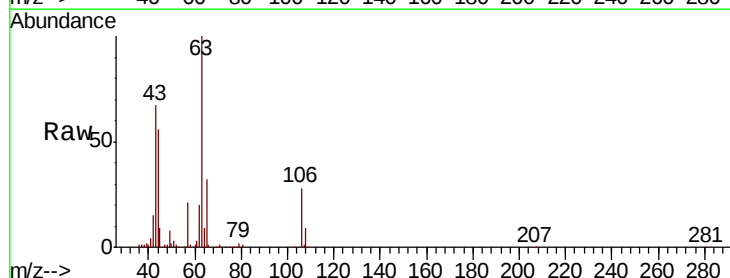
Manual Integrations
 APPROVED

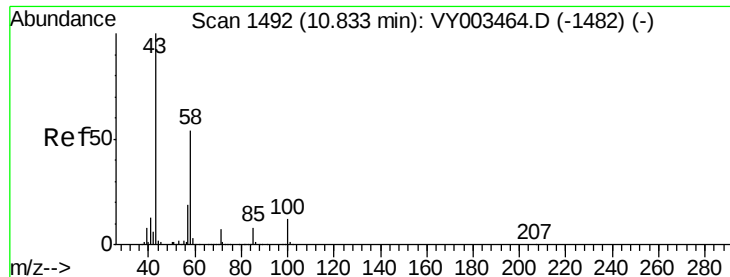
MMDadoda
 11/6/2020 9:27:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.830 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.3	33.5





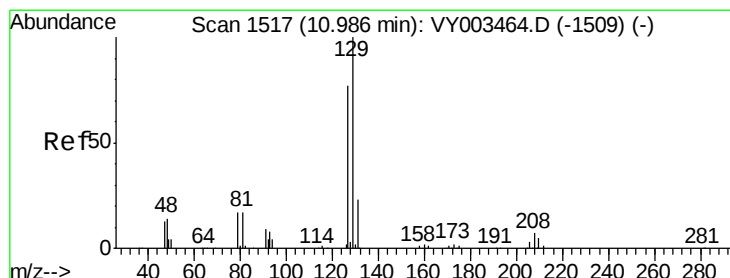
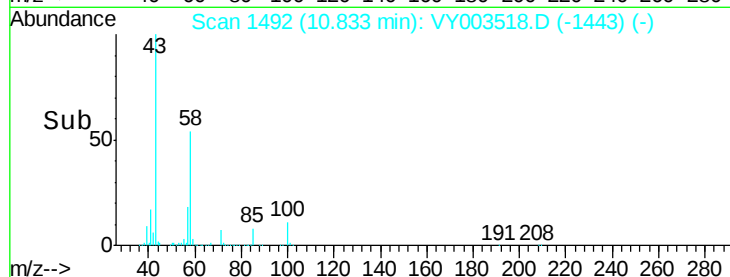
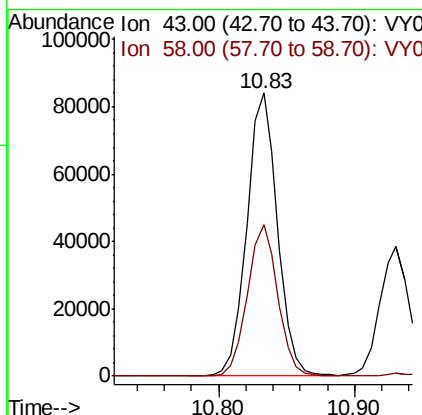
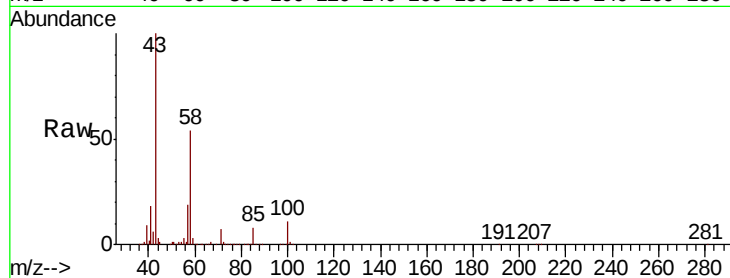
#59
2-Hexanone
Concen: 97.366 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.1	26.8	80.3

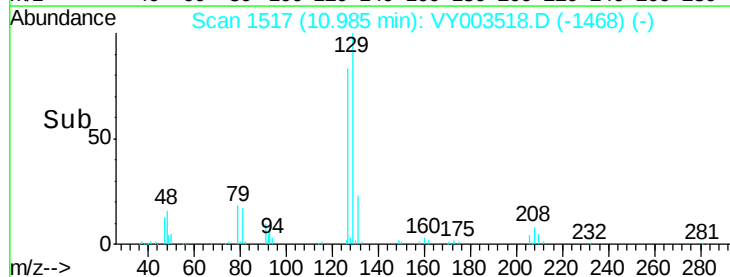
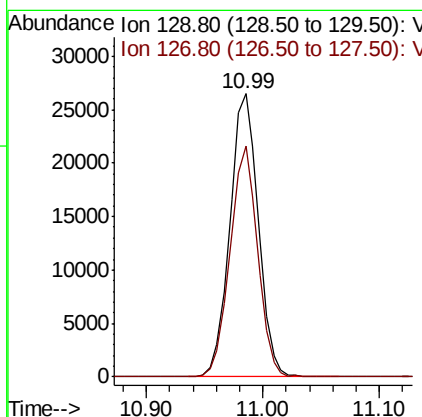
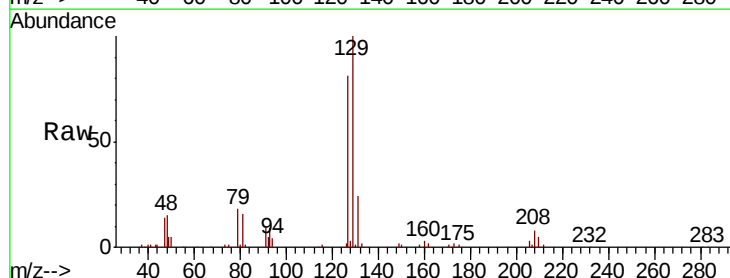
Manual Integrations
APPROVED

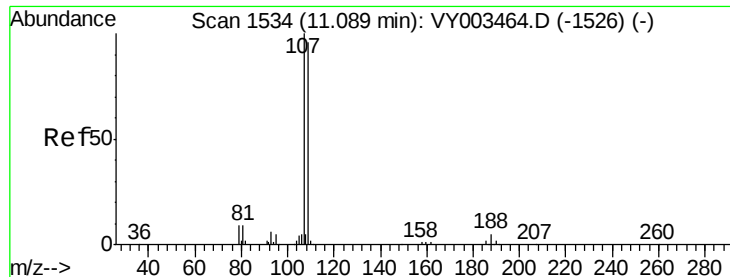
MMDadoda
11/6/2020 9:27:06 AM



#60
Dibromochloromethane
Concen: 21.594 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.9	38.8	116.3





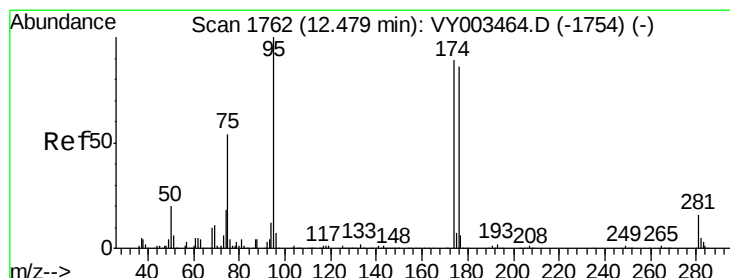
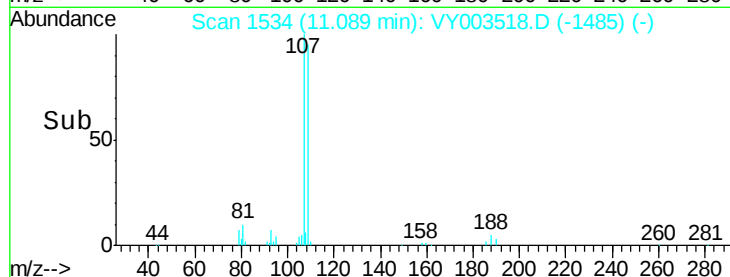
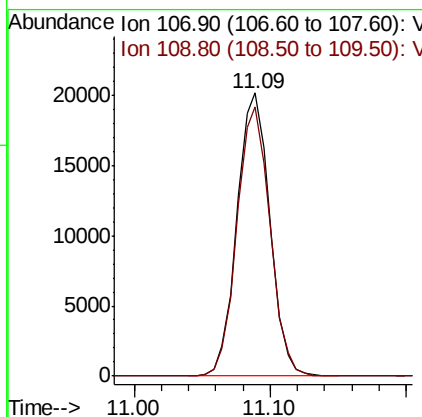
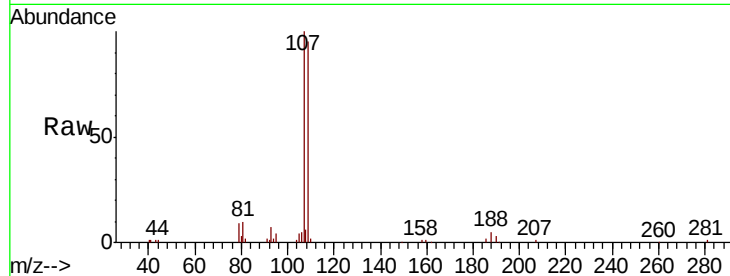
#61
 1,2-Dibromoethane
 Concen: 20.771 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.5	114.7

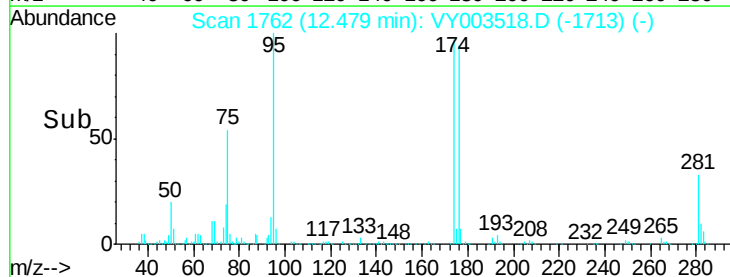
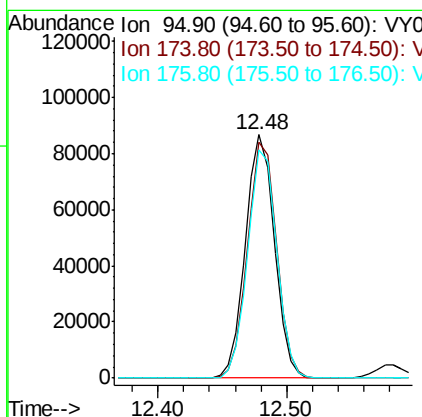
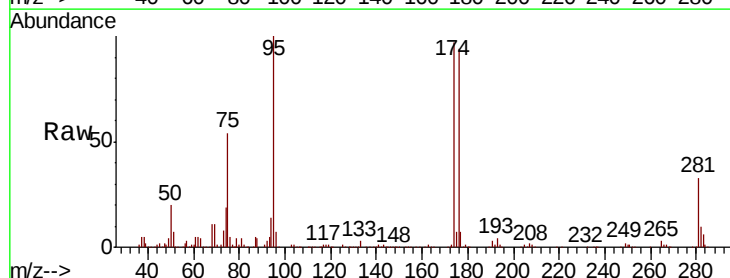
Manual Integrations
 APPROVED

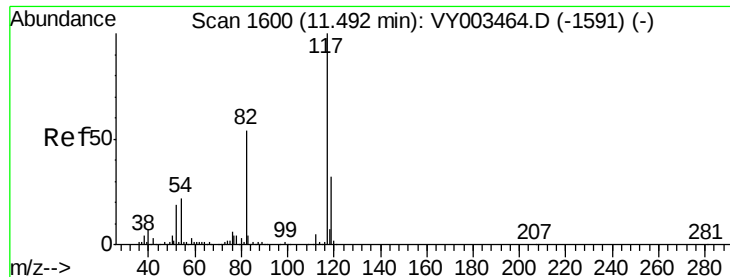
MMDadoda
 11/6/2020 9:27:06 AM



#62
 4-Bromofluorobenzene
 Concen: 48.920 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	193.0
176	94.1	0.0	187.4





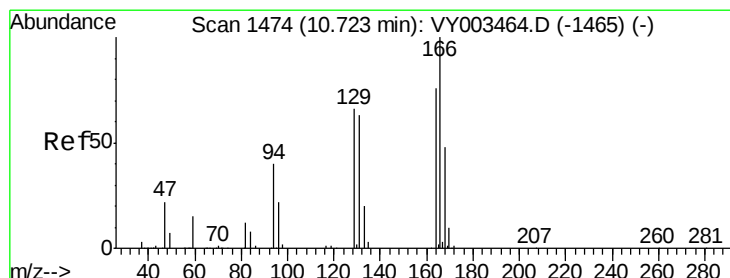
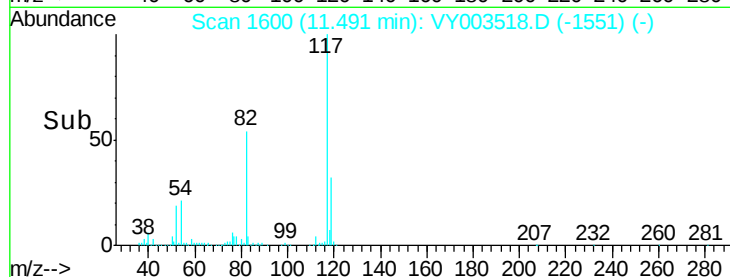
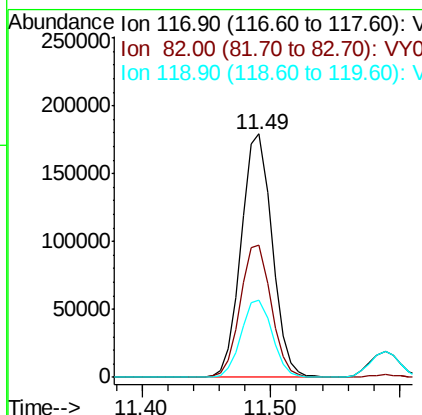
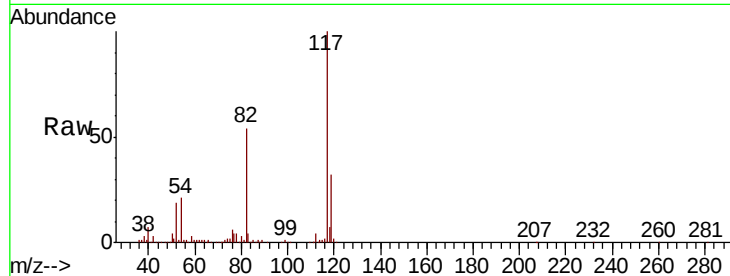
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	298068		
82	54.1	43.4	65.2	
119	32.0	25.8	38.6	

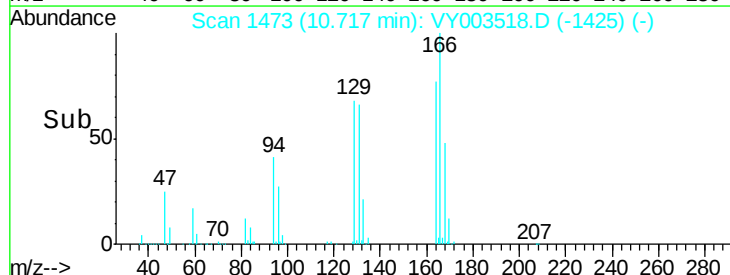
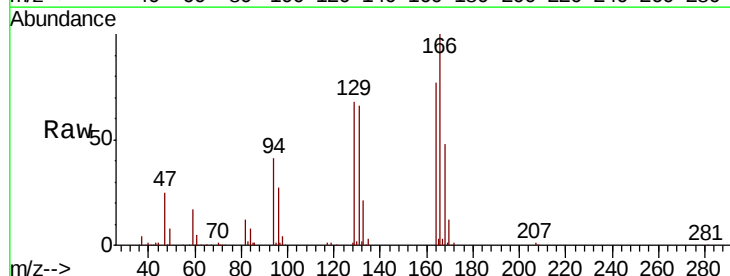
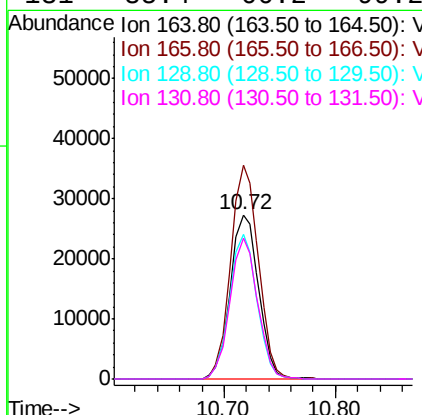
Manual Integrations
APPROVED

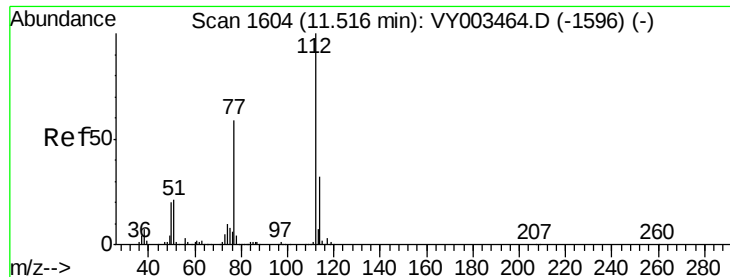
MMDadoda
11/6/2020 9:27:06 AM



#64
Tetrachloroethene
Concen: 21.718 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48345		
166	130.1	104.9	157.3	
129	88.4	68.9	103.3	
131	85.4	66.2	99.2	





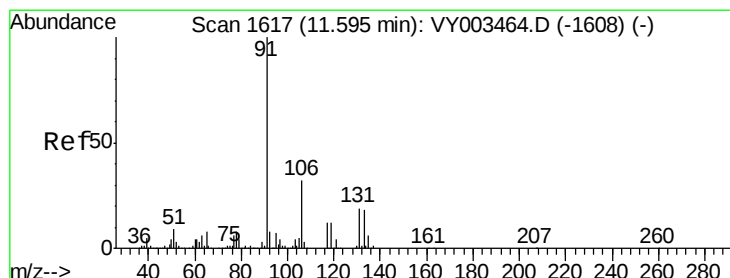
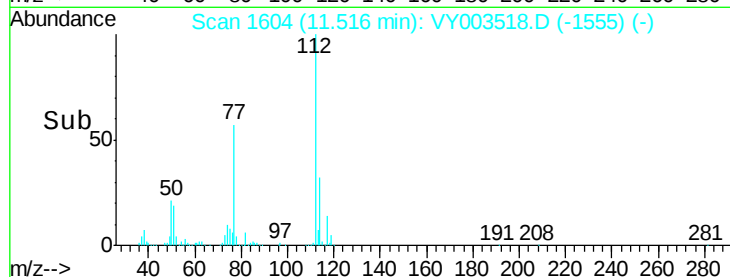
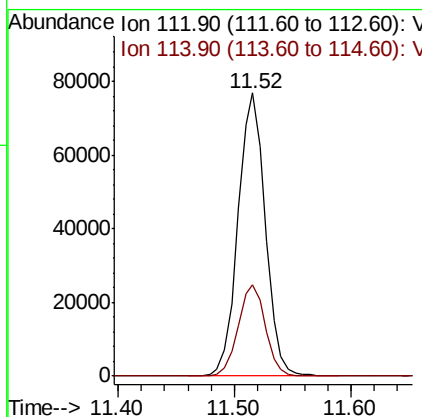
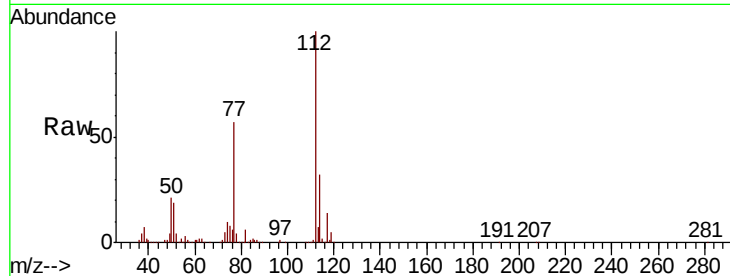
#65
Chlorobenzene
Concen: 21.616 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3

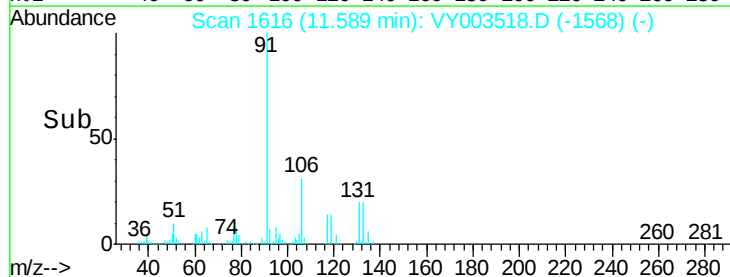
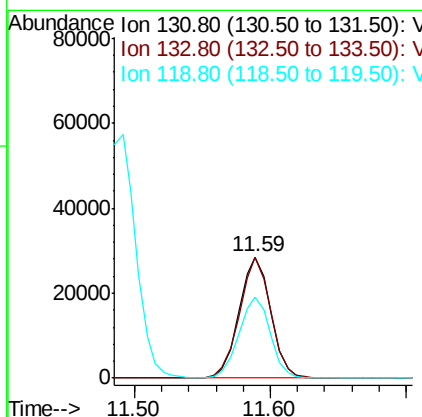
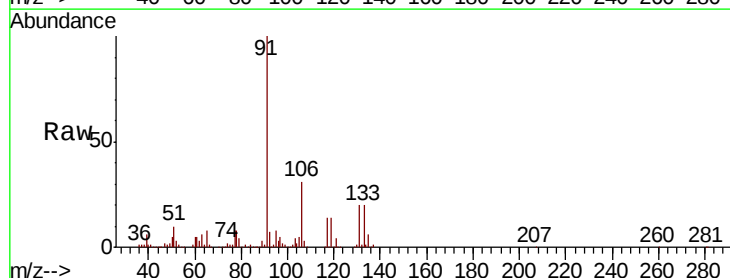
Manual Integrations
APPROVED

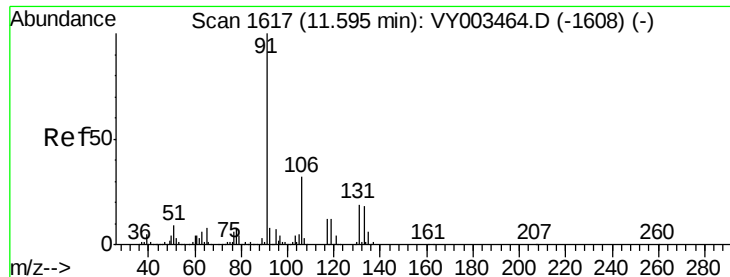
MMDadoda
11/6/2020 9:27:06 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.038 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.9	47.4	142.2
119	66.7	31.6	95.0





#67

Ethyl Benzene

Concen: 21.006 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 91 Resp: 220564

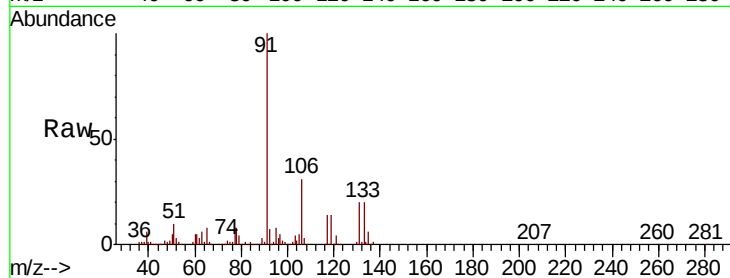
Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.0

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

200000

150000

100000

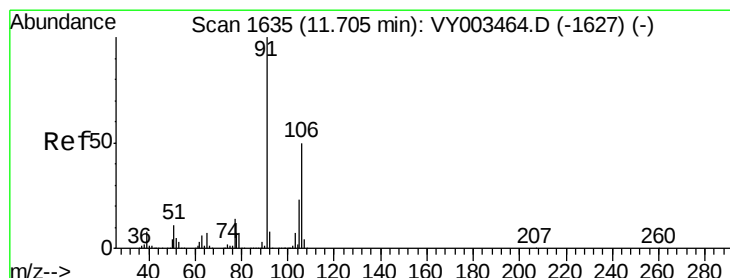
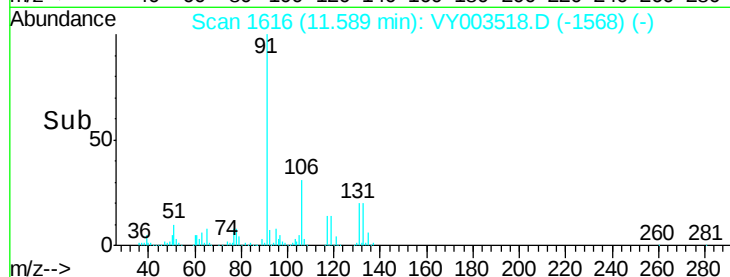
50000

0

11.59

11.60

Time-->



#68

m/p-Xylenes

Concen: 42.378 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003518.D

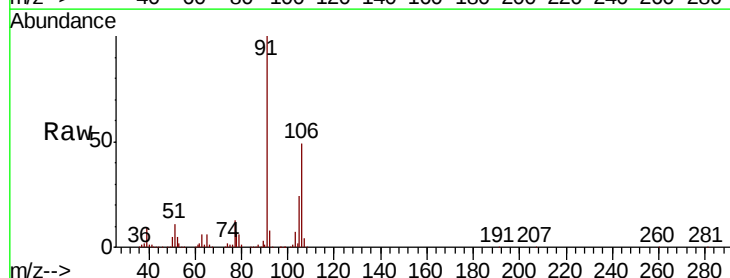
Acq: 05 Nov 2020 11:45

Tgt Ion: 106 Resp: 168628

Ion Ratio Lower Upper

106 100

91 201.3 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

200000

150000

100000

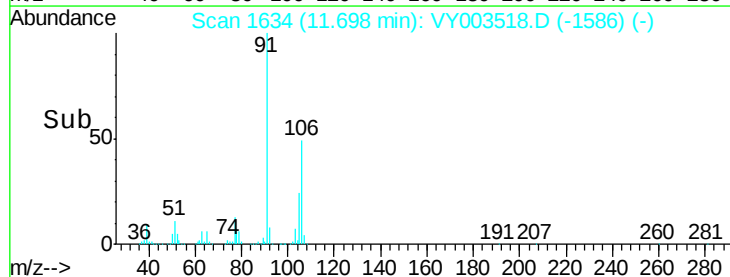
50000

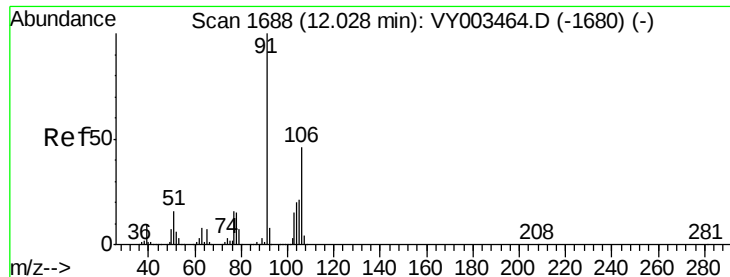
0

11.70

11.80

Time-->





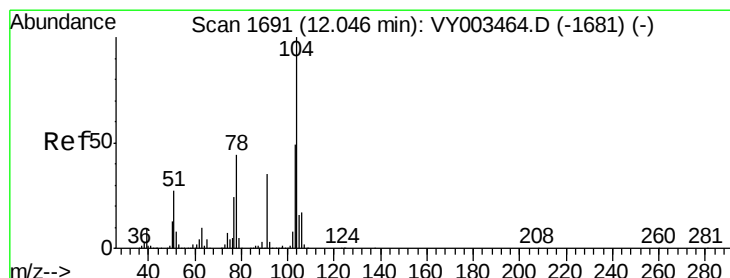
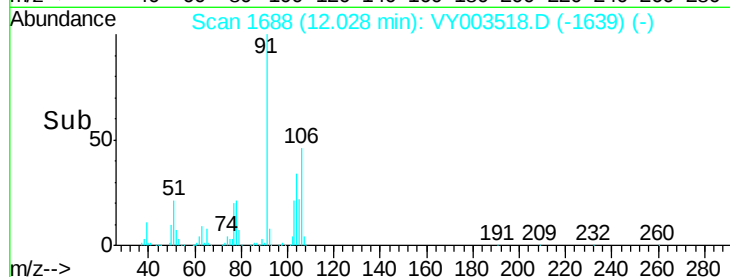
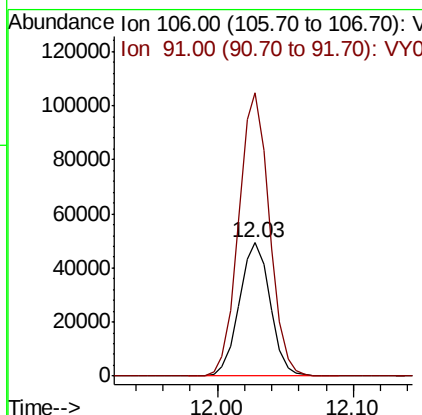
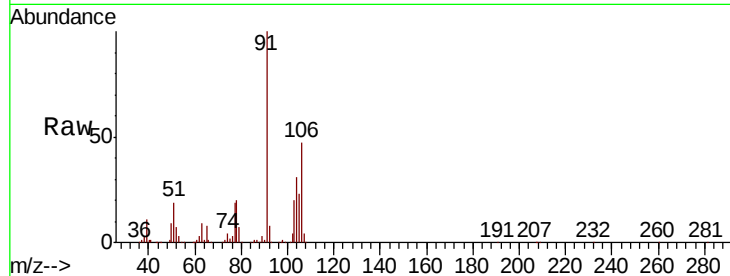
#69
o-Xylene
Concen: 21.348 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.8	105.5	316.5	

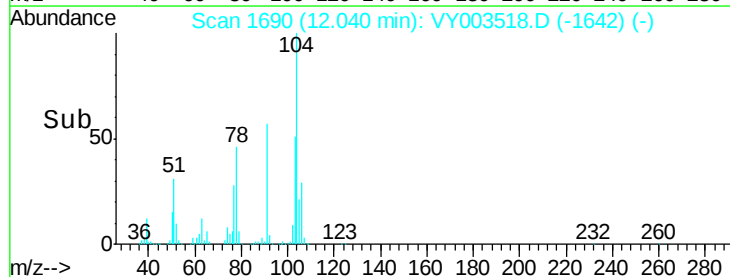
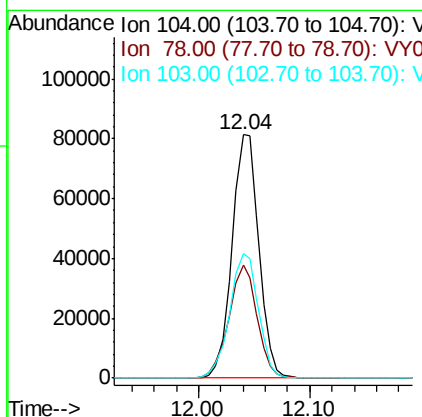
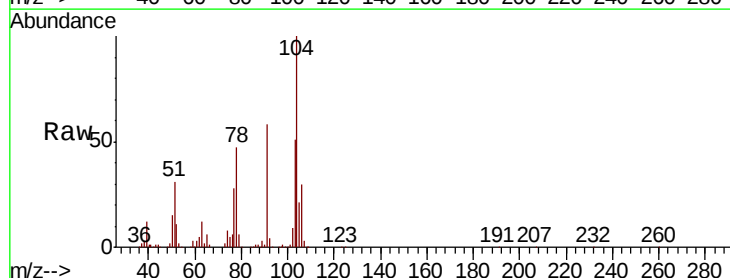
Manual Integrations
APPROVED

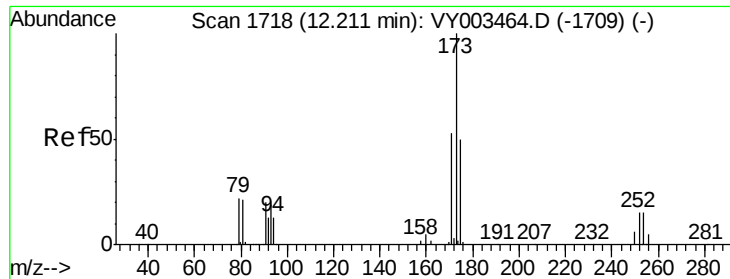
MMDadoda
11/6/2020 9:27:06 AM



#70
Styrene
Concen: 21.705 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.4	39.5	59.3	
103	55.0	44.2	66.2	





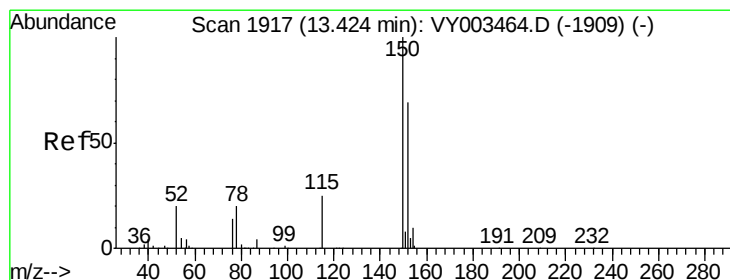
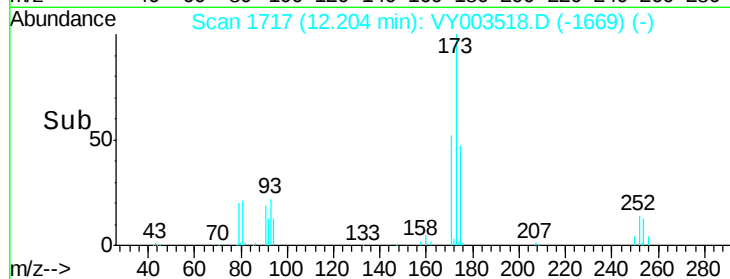
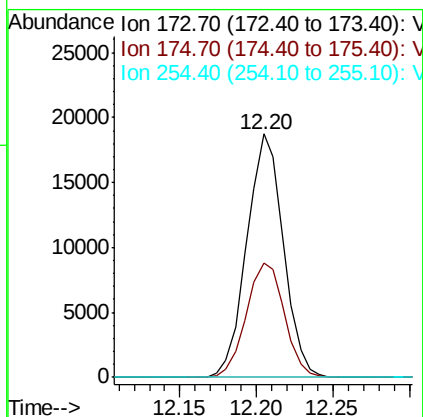
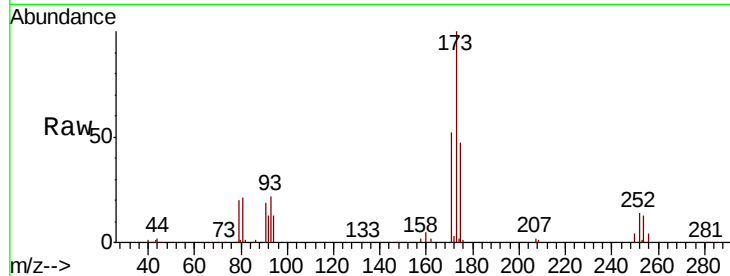
#71
Bromoform
Concen: 21.366 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.7	74.1
254	0.1	0.2	0.2#

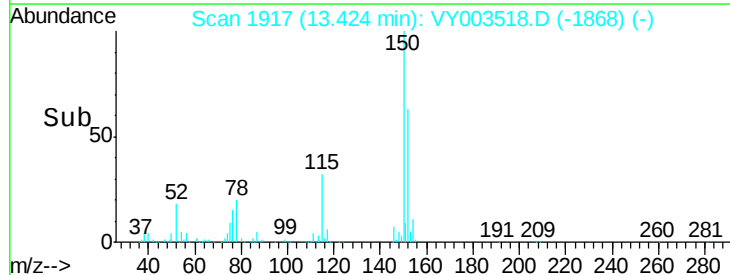
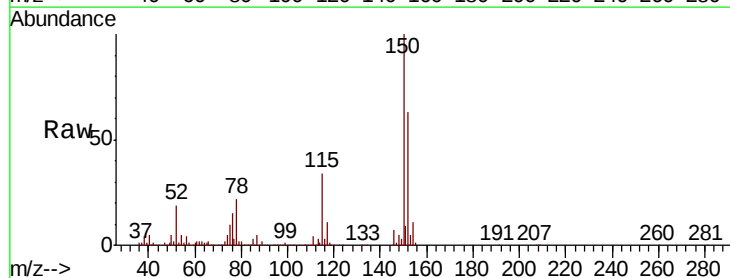
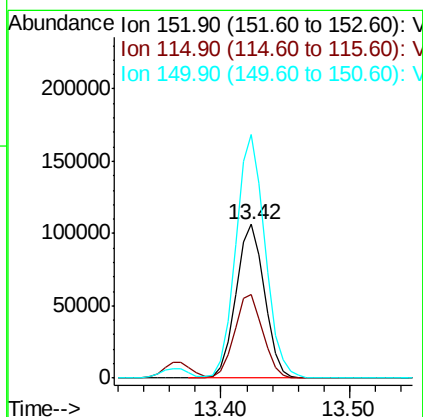
Manual Integrations
APPROVED

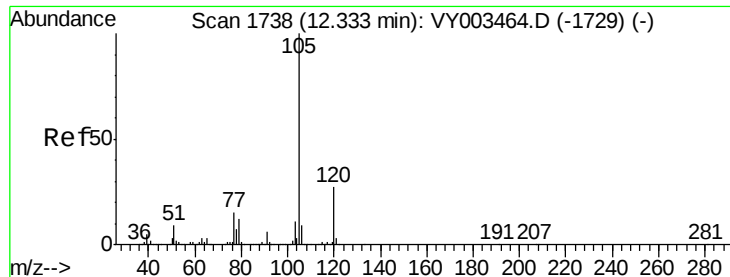
MMDadoda
11/6/2020 9:27:06 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.5	82.4
150	162.2	0.0	345.8





#73

Isopropylbenzene

Concen: 20.093 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 105 Resp: 213879

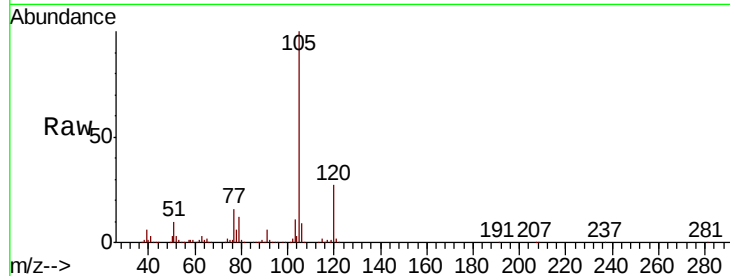
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

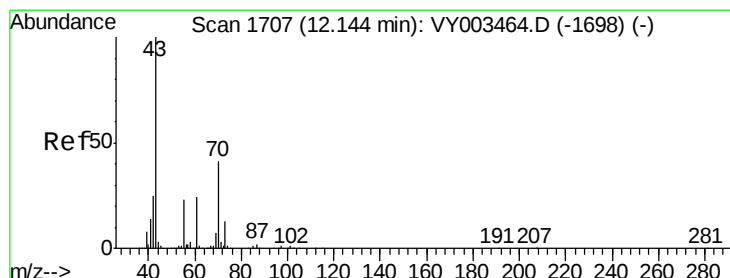
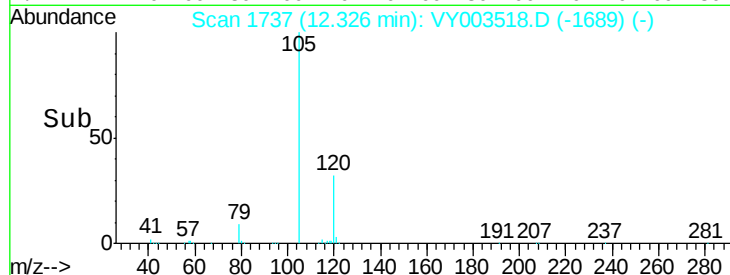
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.935 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Tgt Ion: 43 Resp: 60106

Ion Ratio Lower Upper

43 100

70 40.7 33.1 49.7

55 24.7 19.2 28.8

61 23.6 19.0 28.6

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

60000

50000

40000

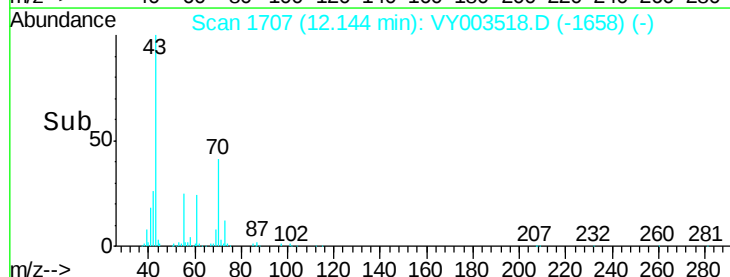
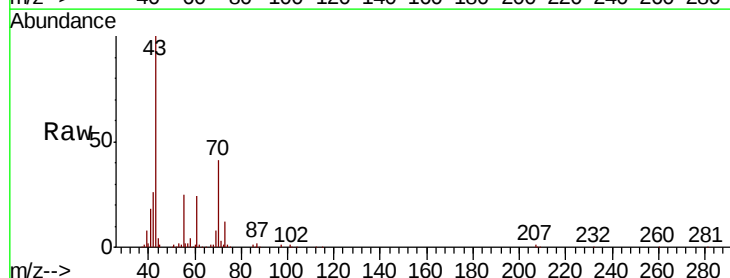
30000

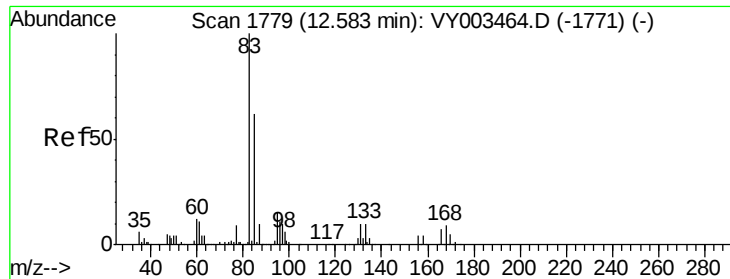
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.749 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

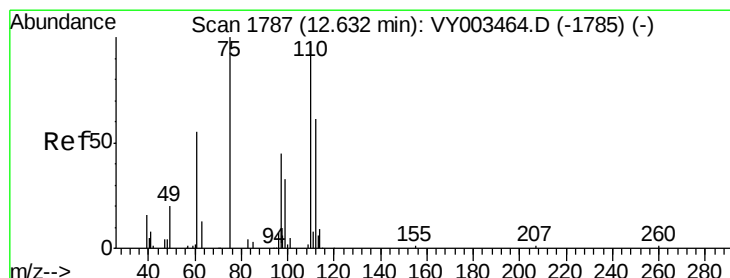
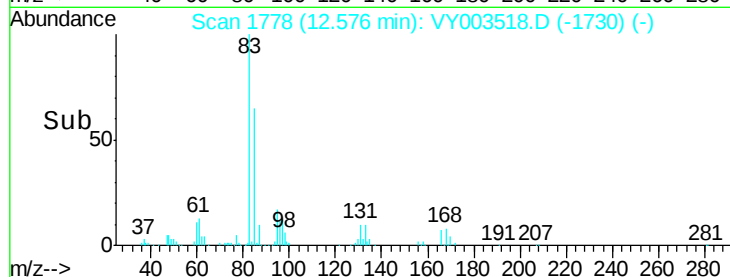
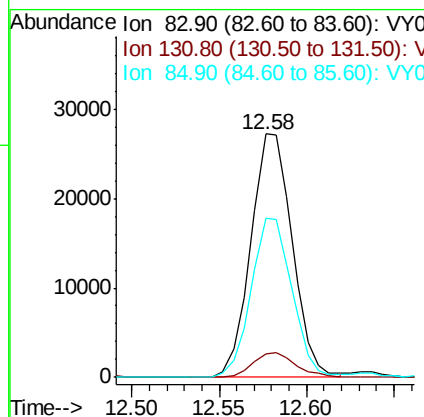
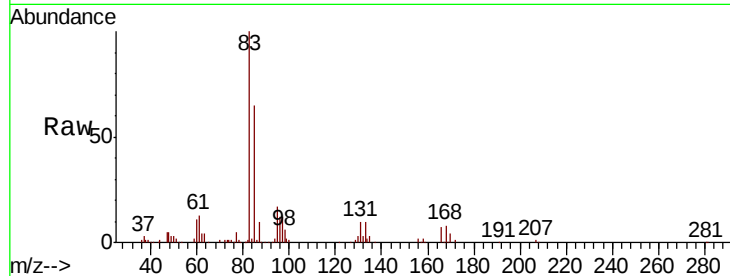
ClientSampleId :

VY1105SBS01

Tot Ion:	83	Resp:	44901
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	64.2	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM



#76

1,2,3-Trichloropropane

Concen: 17.359 ug/l m

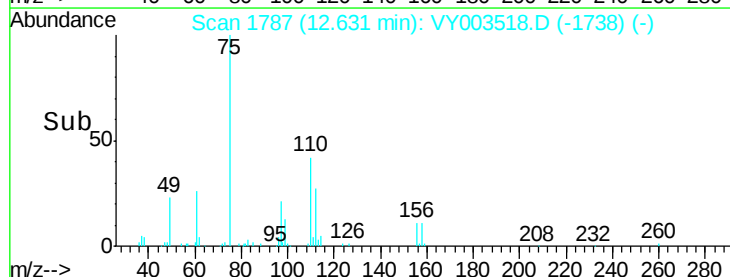
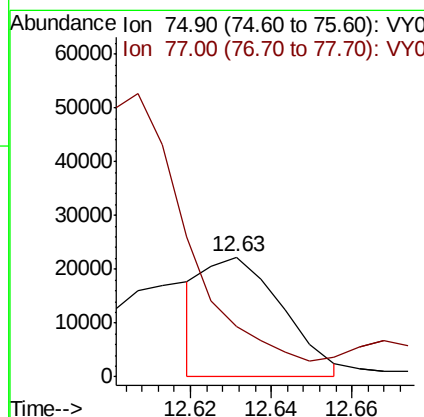
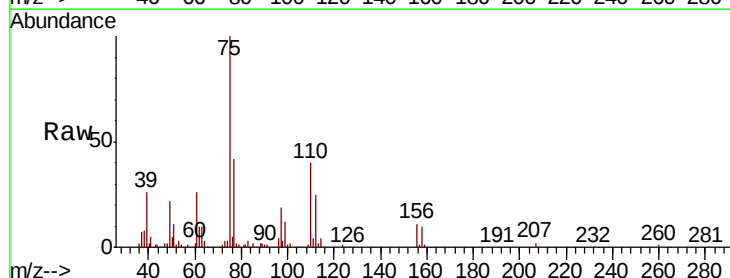
RT: 12.63 min Scan# 1787

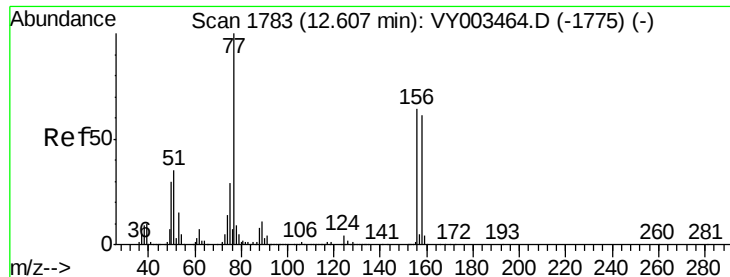
Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Tgt Ion:	75	Resp:	29928
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.450 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

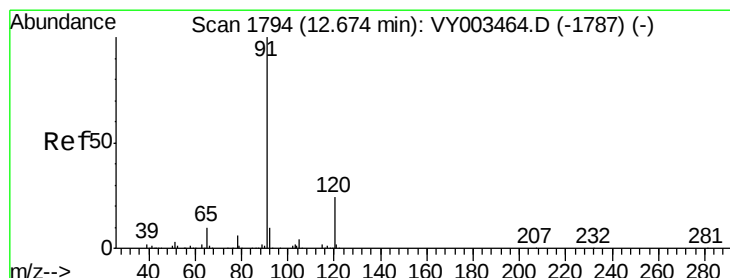
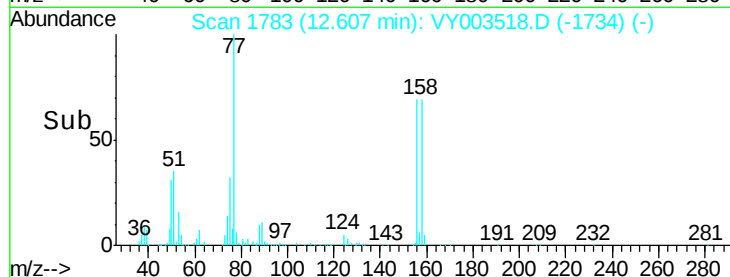
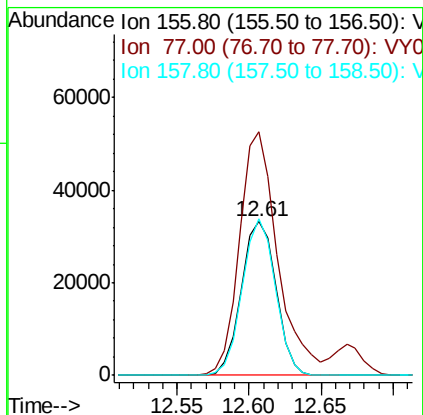
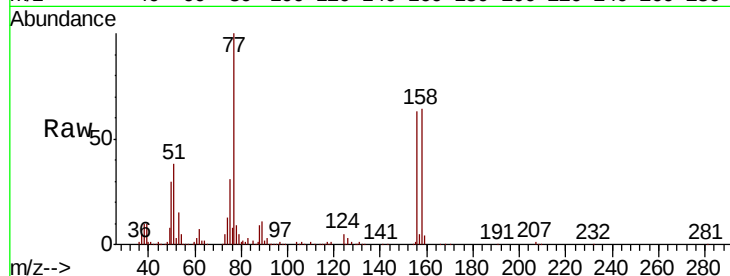
ClientSampleId :

VY1105SBS01

Tot Ion:	156	Resp:	55307
Ion	Ratio	Lower	Upper
156	100		
77	174.8	87.0	260.9
158	97.2	48.7	146.1

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM



#78

n-propylbenzene

Concen: 20.430 ug/l

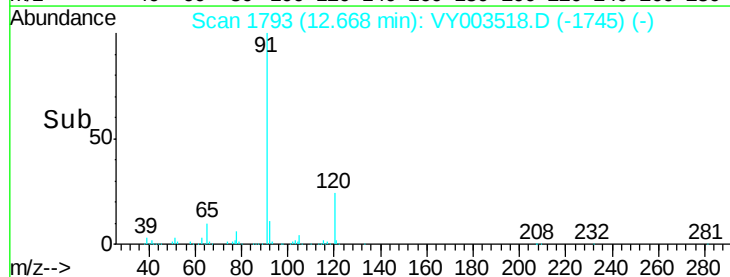
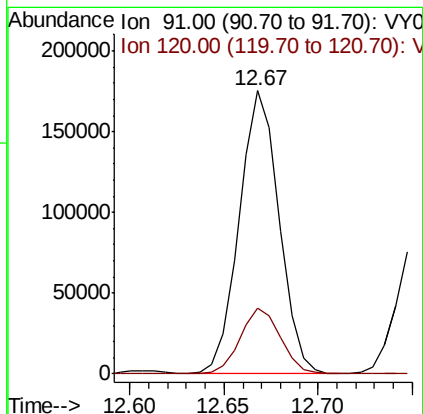
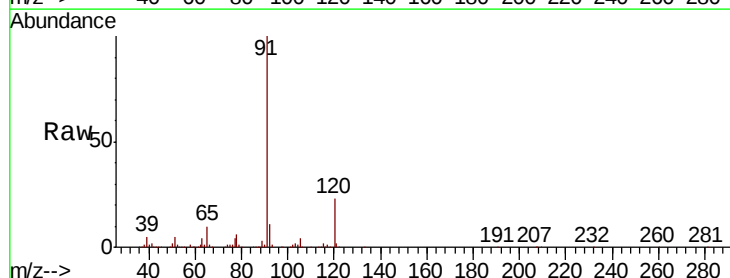
RT: 12.67 min Scan# 1793

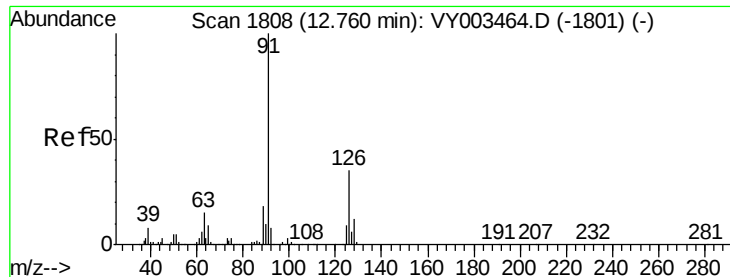
Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Tgt Ion:	91	Resp:	256142
Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.1





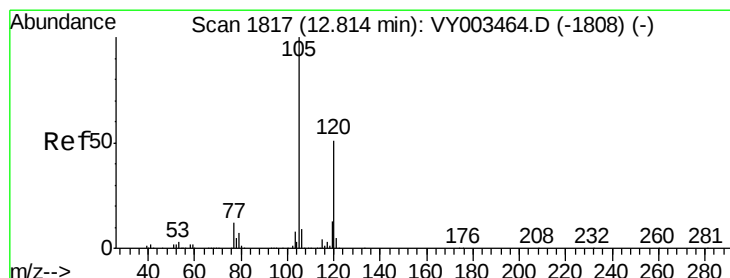
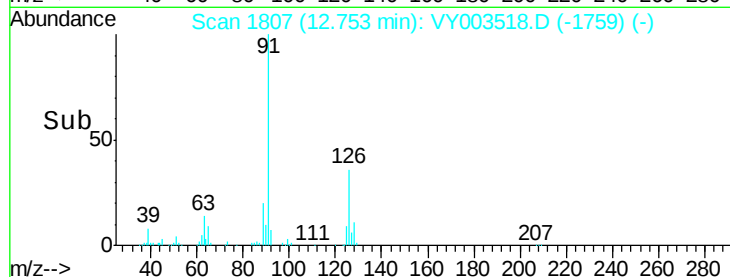
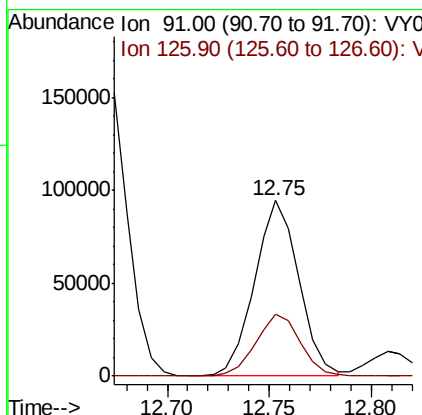
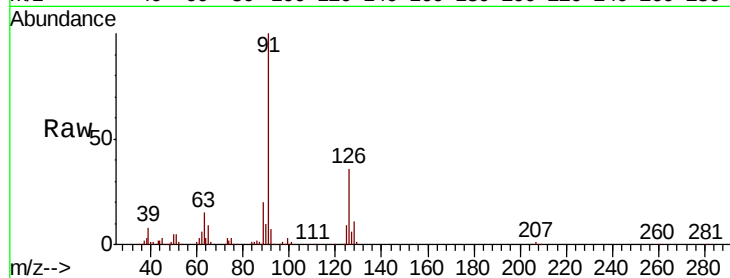
#79
 2-Chlorotoluene
 Concen: 20.303 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.8	53.3

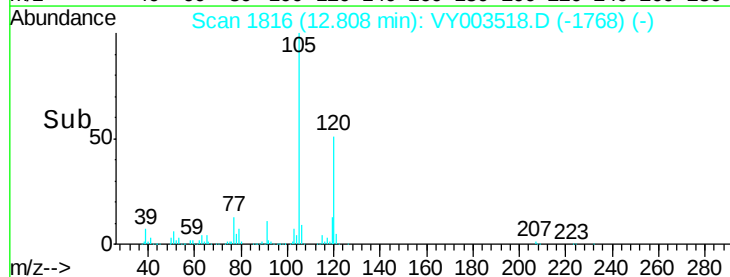
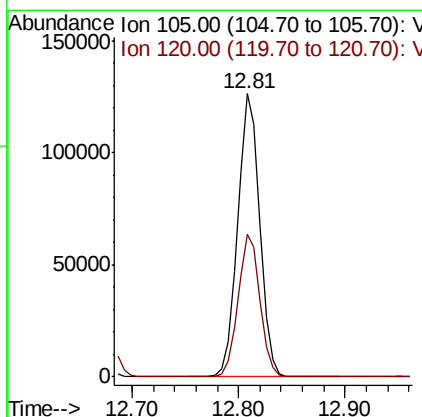
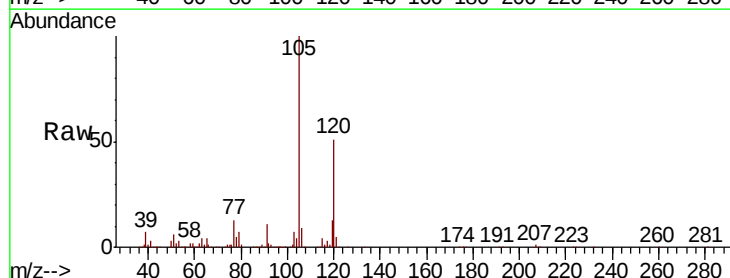
Manual Integrations
 APPROVED

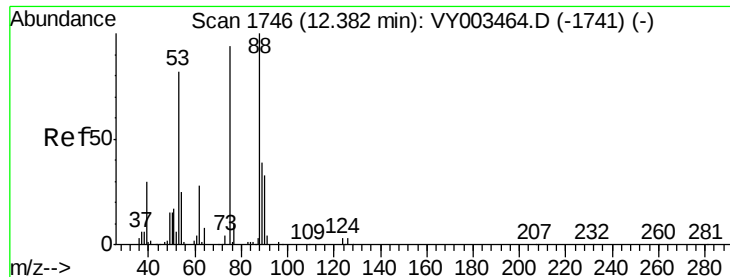
MMDadoda
 11/6/2020 9:27:06 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.752 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.0	25.3	75.9





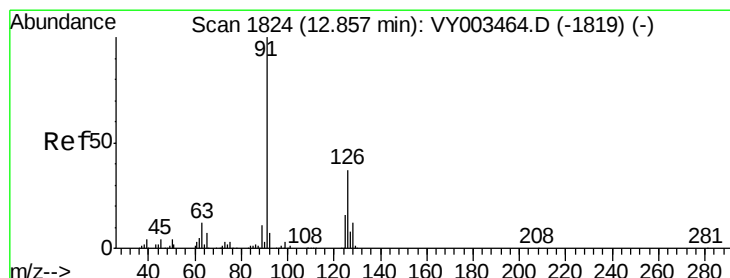
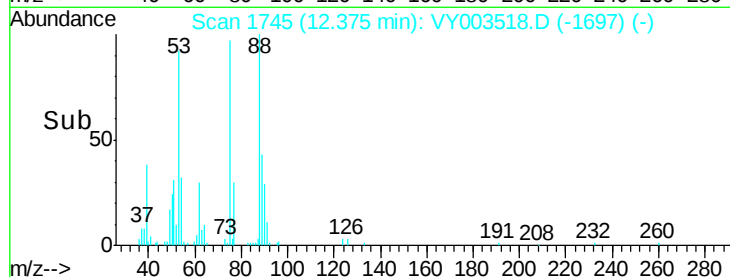
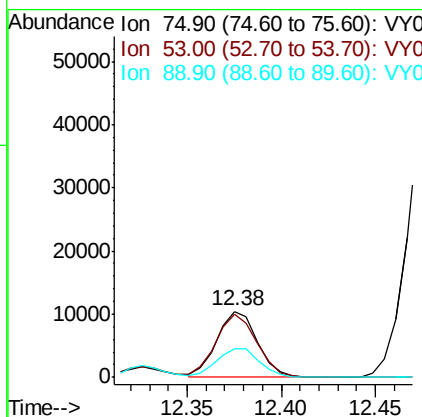
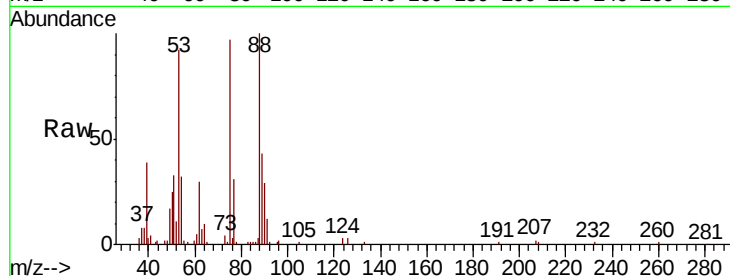
#81
trans-1,4-Dichloro-2-butene
Concen: 19.013 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.5	74.7	112.1
89	46.1	35.8	53.8

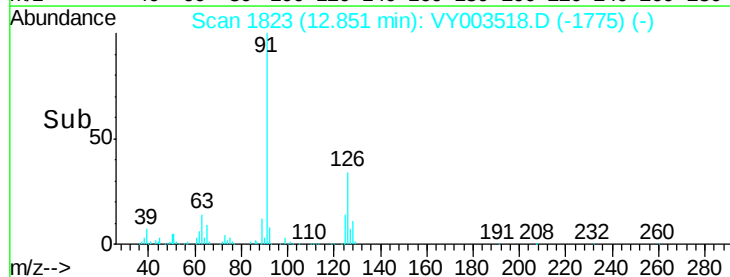
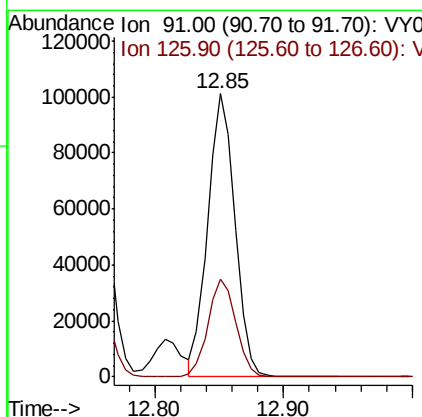
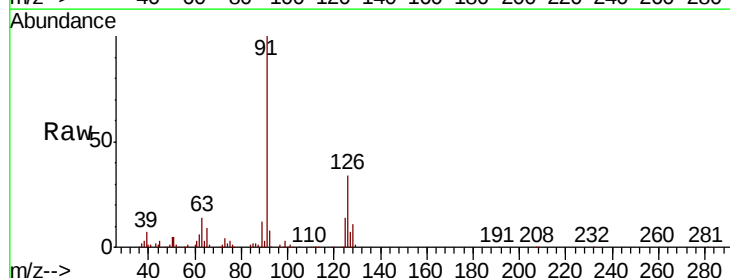
Manual Integrations
APPROVED

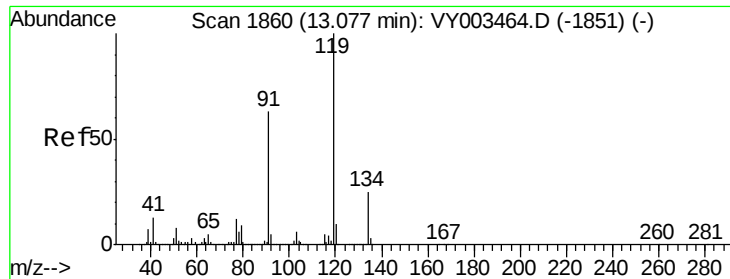
MMDadoda
11/6/2020 9:27:06 AM



#82
4-Chlorotoluene
Concen: 20.415 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.6	52.8





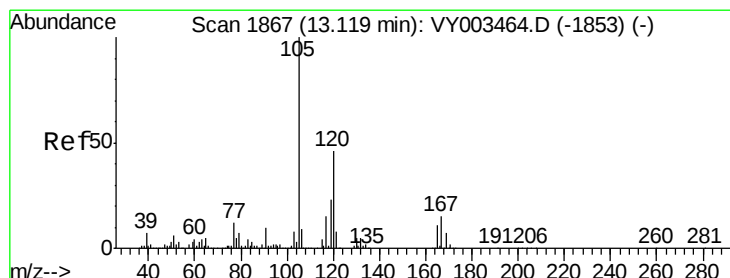
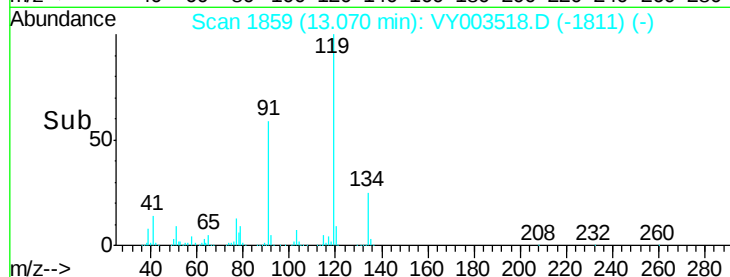
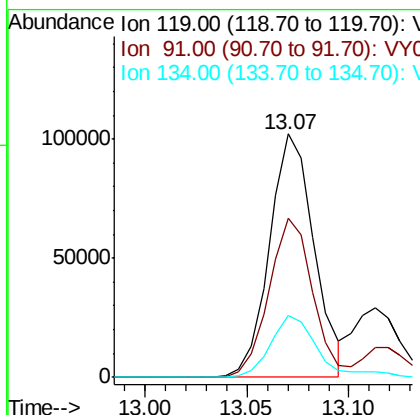
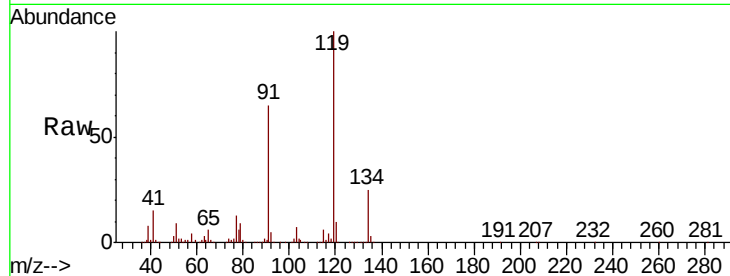
#83
tert-Butylbenzene
Concen: 19.923 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	155832		
91	64.4	31.1	93.2	
134	27.2	13.4	40.1	

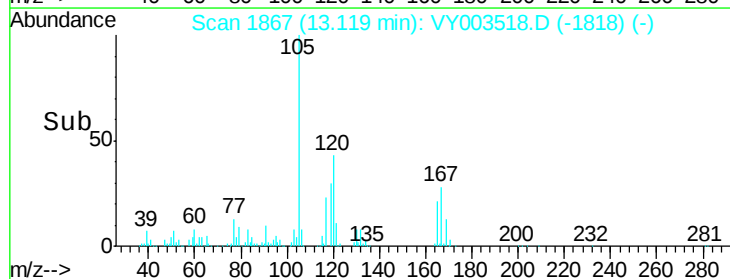
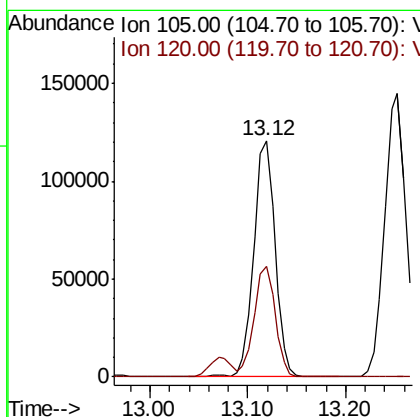
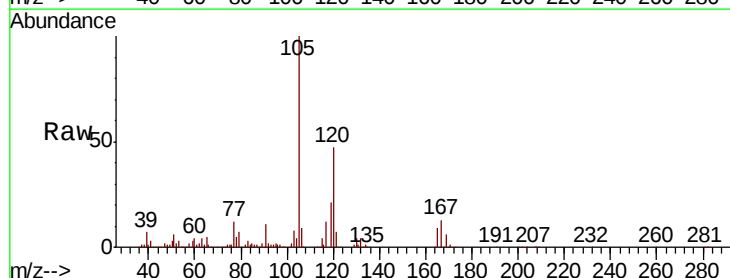
Manual Integrations
APPROVED

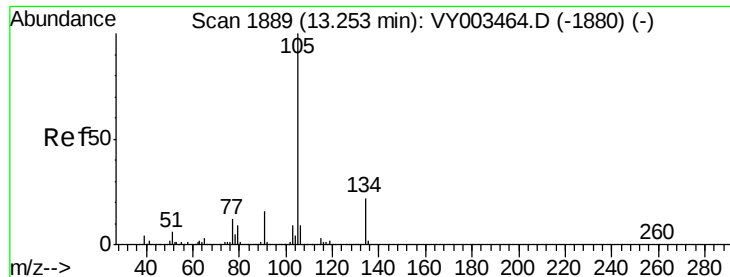
MMDadoda
11/6/2020 9:27:06 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.869 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183942		
120	46.4	22.9	68.8	





#85

sec-Butylbenzene

Concen: 20.555 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion:105 Resp: 217701

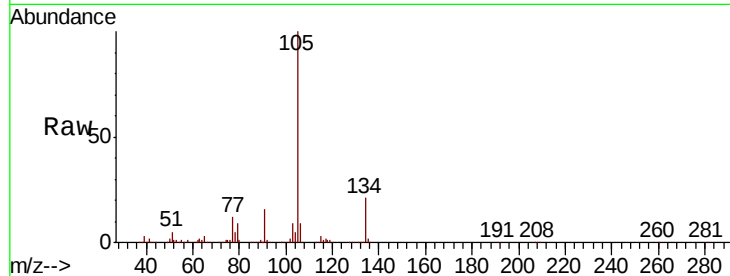
Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

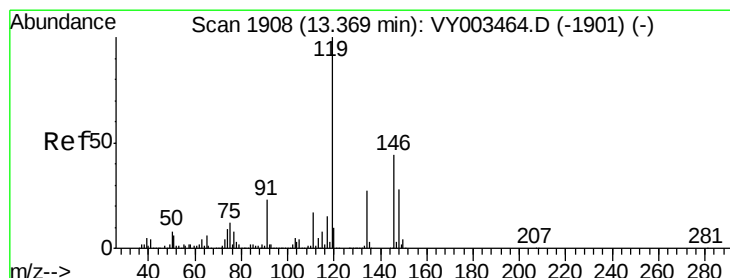
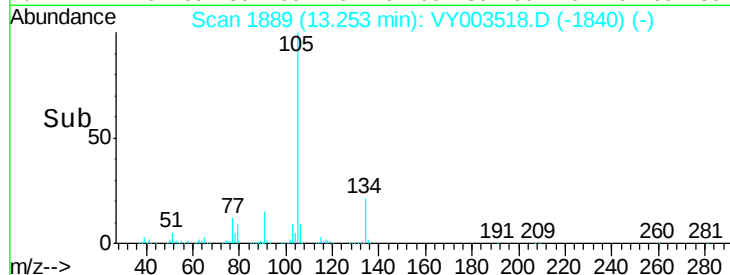
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 20.530 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

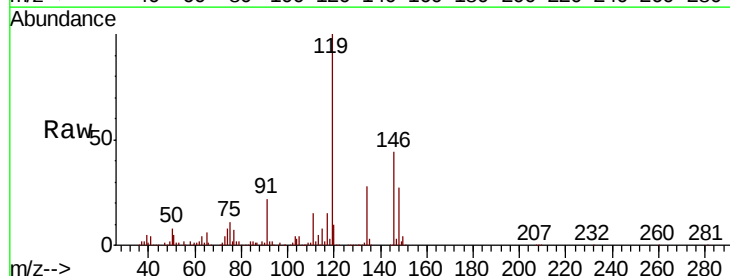
Tgt Ion:119 Resp: 201653

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.9 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

150000

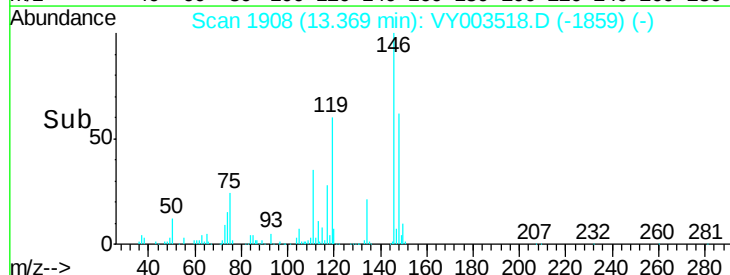
100000

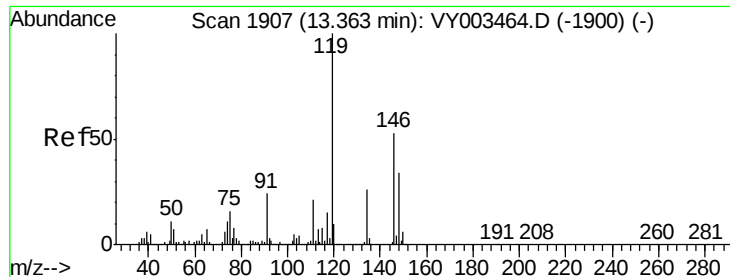
50000

0

13.30 13.35 13.40

Time-->





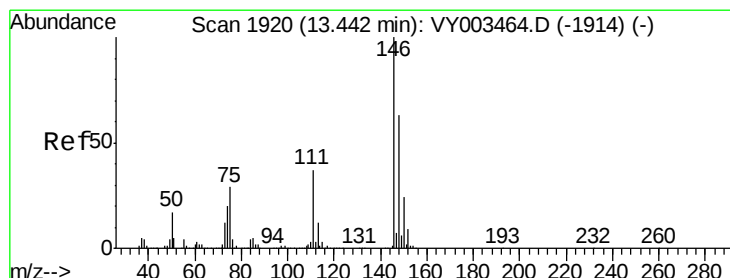
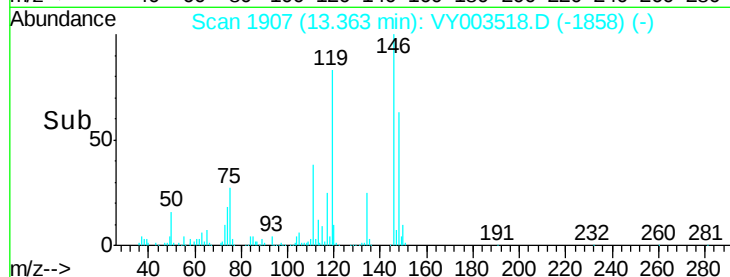
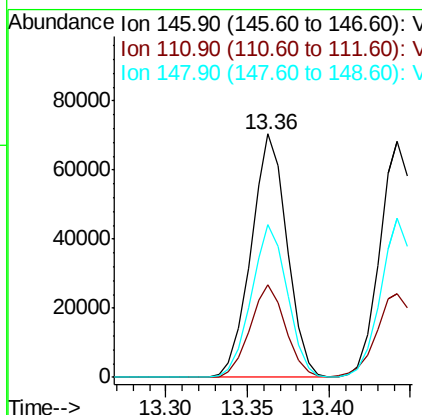
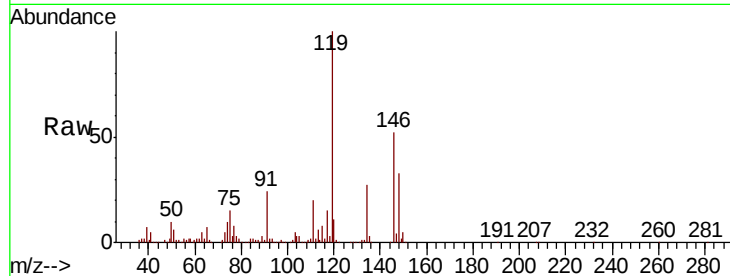
#87
 1,3-Dichlorobenzene
 Concen: 21.324 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	62.6	32.4	97.0

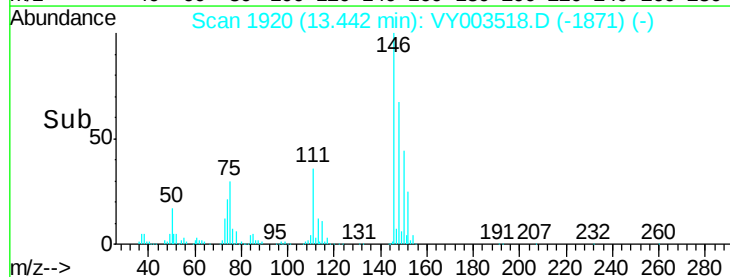
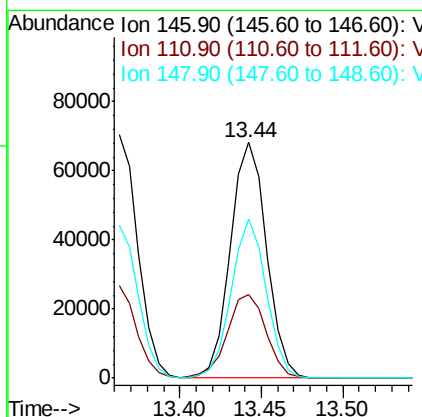
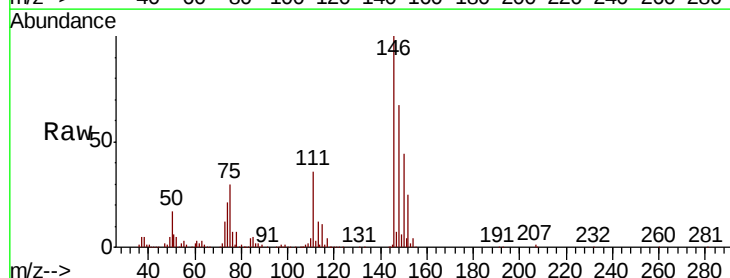
Manual Integrations
 APPROVED

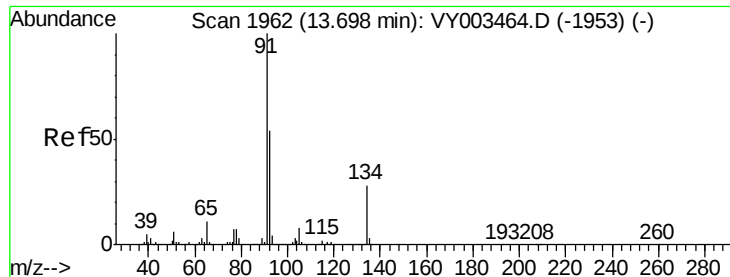
MMDadoda
 11/6/2020 9:27:06 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.956 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.3	54.8
148	65.7	32.0	96.0





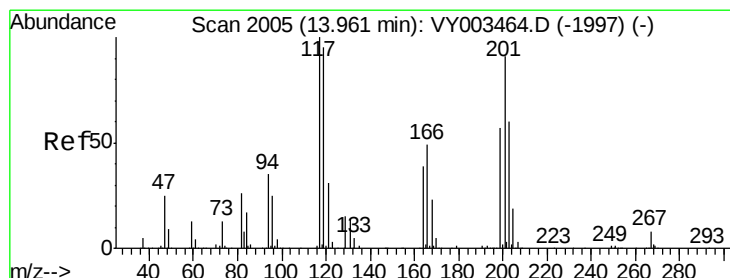
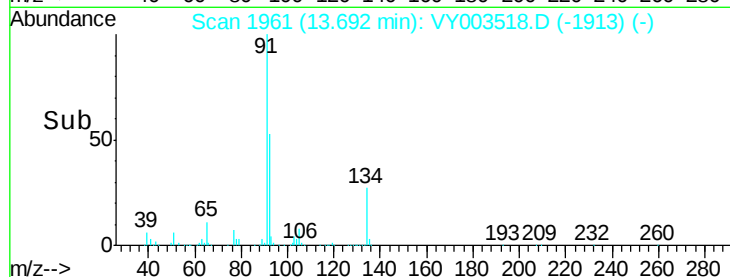
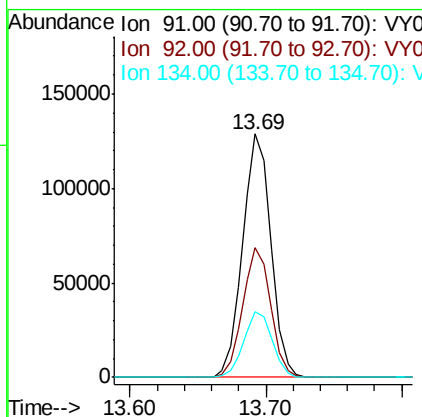
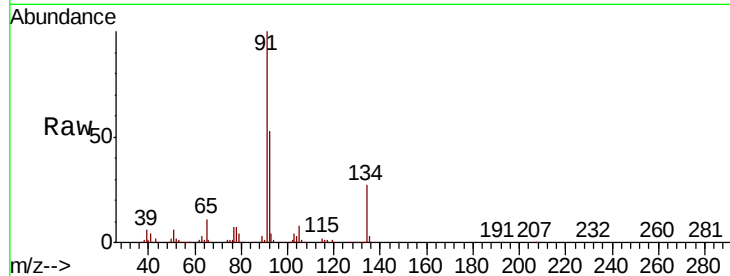
#89
n-Butylbenzene
Concen: 20.798 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion:	91	Resp:	186587
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.7	80.1
134	27.3	13.8	41.3

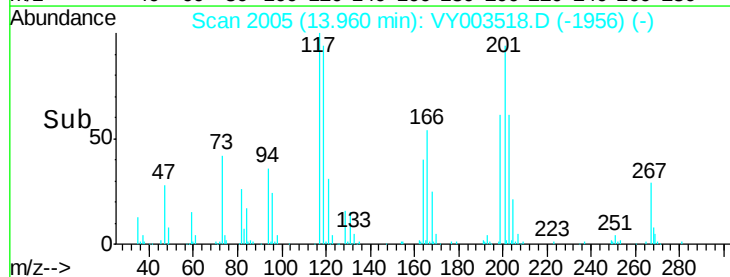
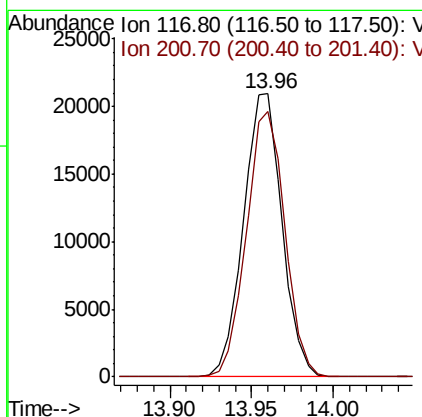
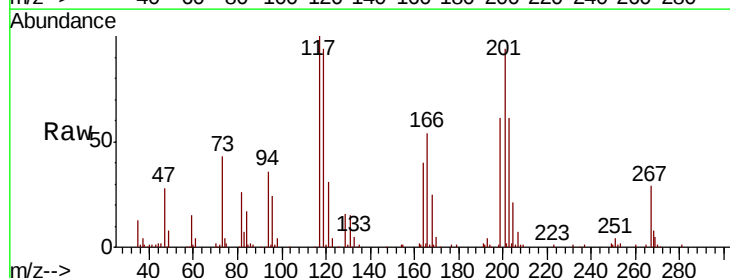
Manual Integrations
APPROVED

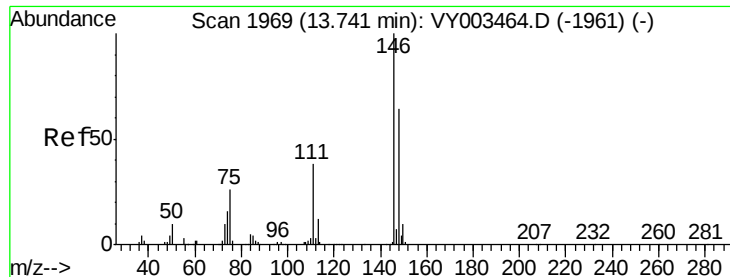
MMDadoda
11/6/2020 9:27:06 AM



#90
Hexachloroethane
Concen: 20.784 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion:	117	Resp:	34357
Ion Ratio	Lower	Upper	
117	100		
201	93.6	46.6	139.8





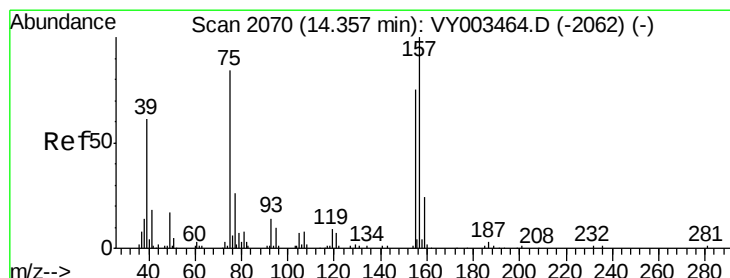
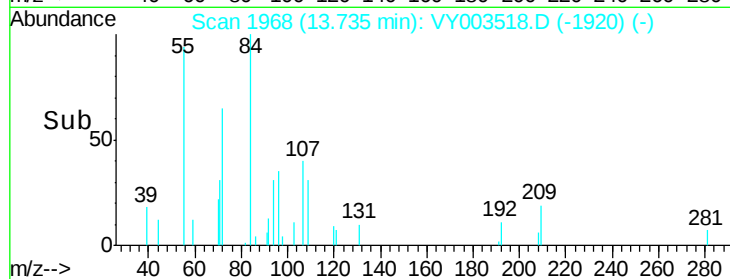
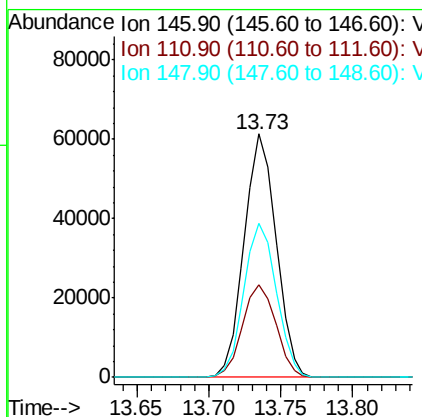
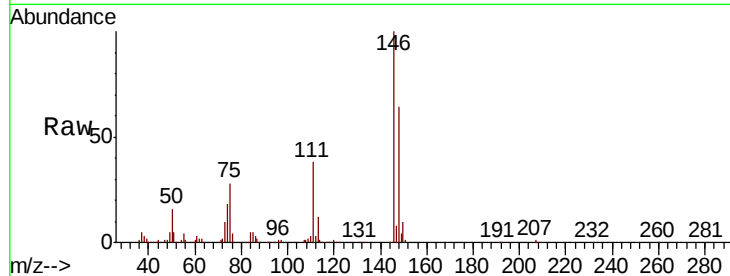
#91
 1,2-Dichlorobenzene
 Concen: 21.152 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.3	57.8
148	64.6	32.3	96.8

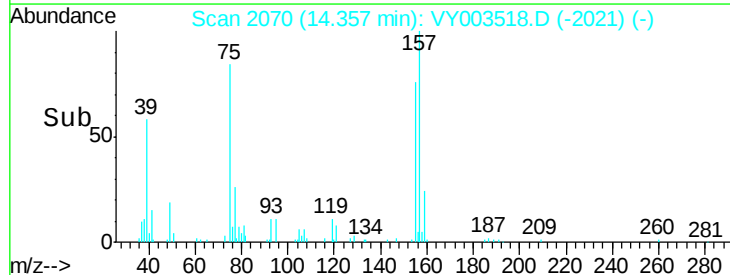
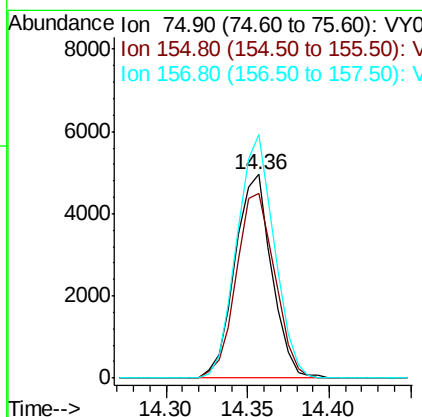
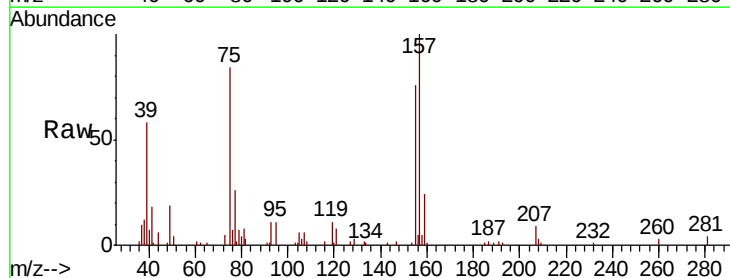
Manual Integrations
 APPROVED

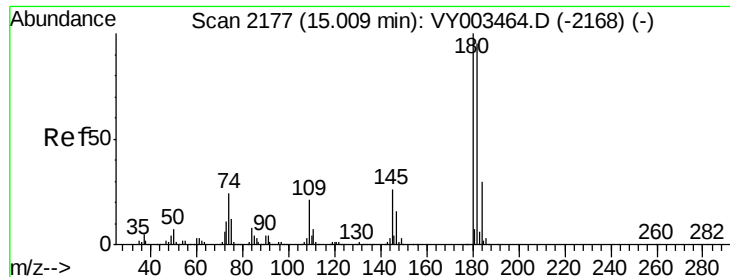
MMDadoda
 11/6/2020 9:27:06 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.959 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	45.6	136.7
157	120.7	60.3	180.8





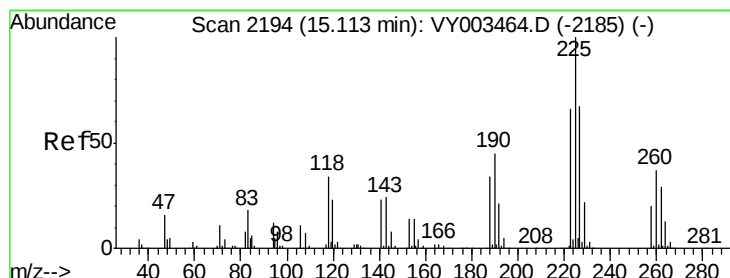
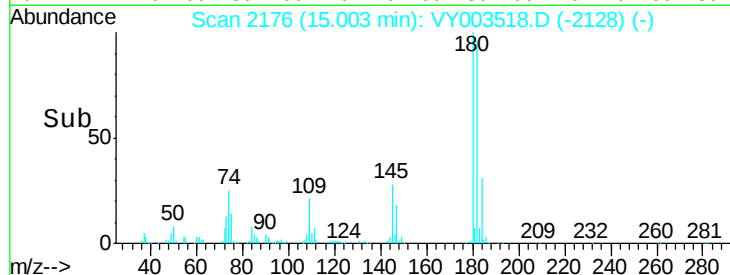
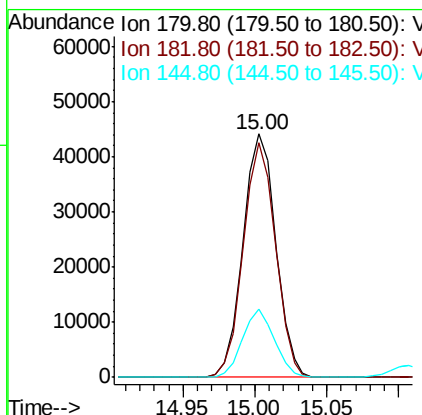
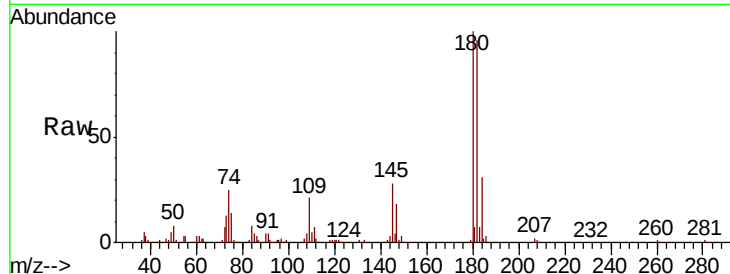
#93
 1,2,4-Trichlorobenzene
 Concen: 21.961 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion:	180	Resp:	69522
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.1	144.3
145	27.2	13.8	41.3

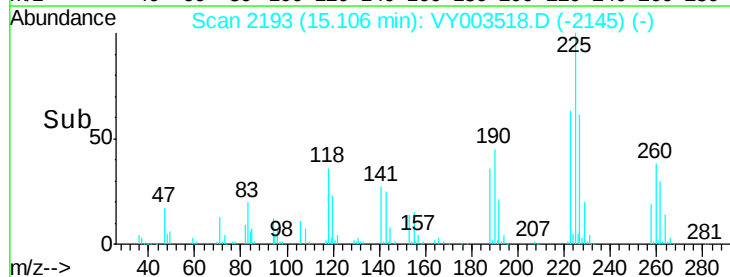
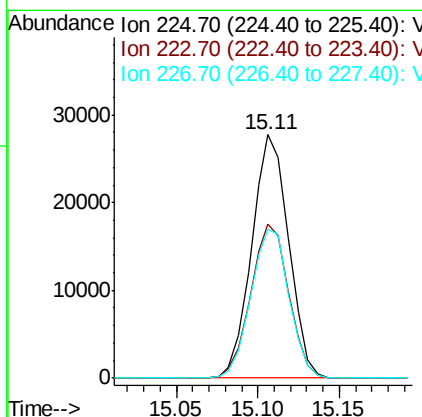
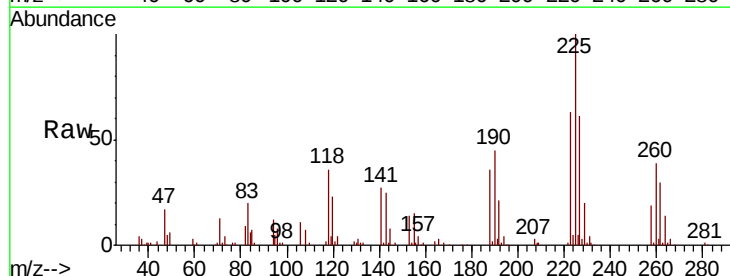
Manual Integrations
 APPROVED

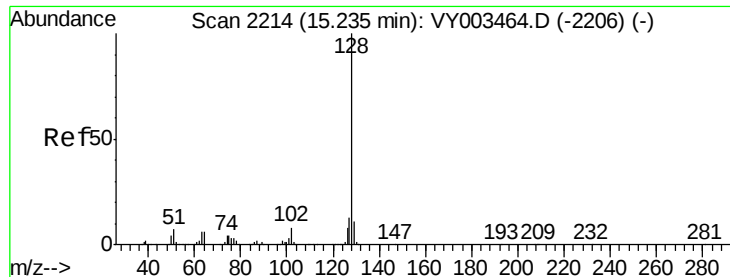
MMDadoda
 11/6/2020 9:27:06 AM



#94
 Hexachlorobutadiene
 Concen: 21.438 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion:	225	Resp:	43659
Ion Ratio	Lower	Upper	
225	100		
223	65.0	32.1	96.3
227	63.4	32.4	97.2





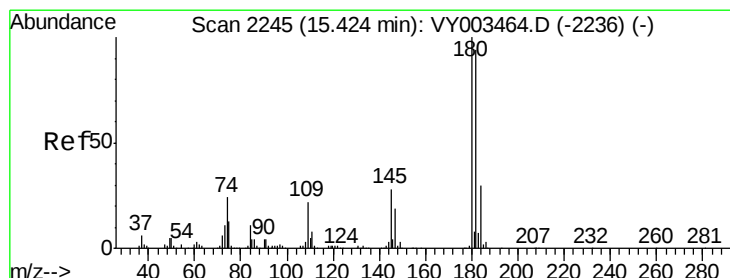
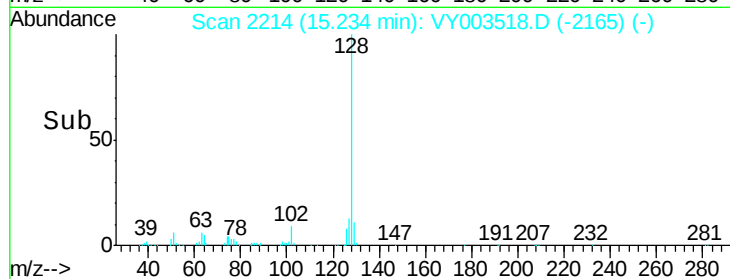
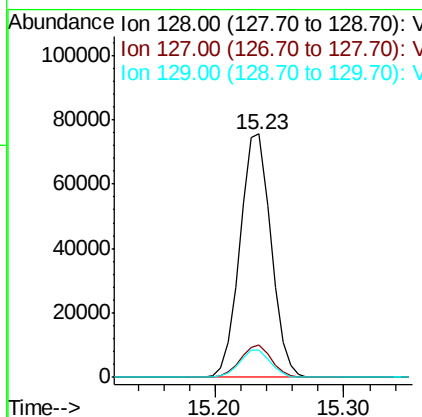
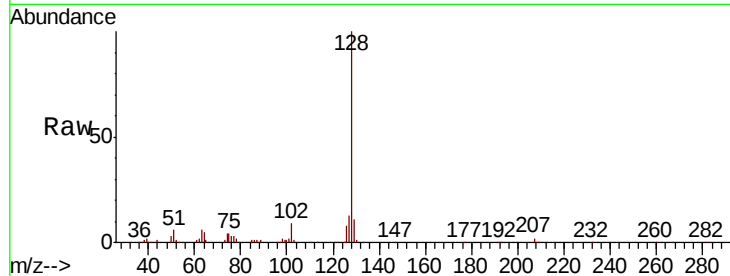
#95
Naphthalene
Concen: 19.852 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.473 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.9	140.7
145	28.9	14.4	43.2

